

Autos Administrativos n. 202500404847

Prestação de Informação 2026004276342

Em **07/04/2026** A empresa 03619767000515-TORINO INFORMÁTICA LTDA foi convocada a encaminhar a proposta original, a proposta atualizada e as documentações de habilitação para o (s) item (ns) **03, 05** (Prestação de informação 2026003683380 - Movimento 113) e 07 conforme anexo.



Documento assinado eletronicamente por **Loraine Da Silva Carvalho**, em **23/04/2026, às 18:19**, e consolidado no sistema Atena em 23/04/2026, às 18:19, sendo gerado o código de verificação 02a5a850-2188-013f-353e-0050568b765d, conforme Ato PGJ n. 29, de 22 de maio de 2020.

A autenticidade do documento pode ser conferida mediante a leitura do QR Code.

Torino Informática Ltda.

CNPJ 03.619.767/0005-15

I.E. 083.327.90-8

nilton@grupotorino.com.br

Serra ES, 07 de abril de 2026.

A

Procuradoria Geral de Justiça do Estado de Goiás

Goiânia - GO

Contratação n.º 118856 – Edital nº 013/2026 - Pregão Eletrônico Dia 24/03/2026 às 14:30 horas

Dados da Licitante / Contratação:

Torino Informática LTDA

CNPJ 03.619.767/0005-15 - IE: 083.327.90-8 - IM: 4675890

AV. 600, SN – QUADRA 15 – Módulo 10 – Setor Industrial – TIMS - Serra – ES – CEP 29.161-419

Banco: 104 – Caixa Econômica Federal - Agência: 4287 - Operação 003 - Conta Corrente: 000005-9

Dados do signatário: Rodrigo do Amaral Rissio (Diretor) RG: 27.954.969-6 SSP/SP - CPF: 220.807.218-95

Tendo examinado minuciosamente as normas específicas do processo licitatório acima, tendo como objeto a aquisição de Equipamentos de workstation e monitores 24" por meio de Ata de Registro de Preços e após termos tomado conhecimento de todas as condições lá estabelecidas, passamos a formular a seguinte proposta:

PROPOSTA AJUSTADA AOS LANCES

Item	Marca/Modelo	Qtde	Valor Unitário	Valor Total
7	MONITOR 24" MARCA: AOC/TPV MODELO: 24E3QF GARANTIA 60 MESES – ON SITE Acompanha: 01 (um) cabo de alimentação padrão NBR 14136 para cada monitor entregue; 01 (um) cabo de vídeo Display Port, com no mínimo 1.8m para cada monitor entregue, 01 (um) cabo de vídeo Display Port, com no mínimo 1.8m para cada monitor entregue; 01 (um) cabo de vídeo HDMI, com no mínimo 1.8m para cada monitor entregue; https://aoc.portaltpv.com.br/uploads/specifications/2024/11/24e3qf.pdf	138	665,00	91.770,00

LINKS COM LINKS INFORMAÇÕES COMPLEMENTARES:

<http://suporte.grupotorino.com.br>suporte@grupotorino.com.br

0800 201 5666

1. Nos preços indicados acima estão incluídos, além do fornecimento do produto, todos os demais custos com mão de obra, salários, benefícios, encargos diretos e indiretos, tributos (quando aplicável) e seus reflexos de substituição tributária incluídas no regime por conta de protocolos e convênios ICMS, além de frete, garantia e demais

Rua Rita de Carvalho Monteiro, 120 | Retiro São João | 18085-750 | Sorocaba-SP | +55 15 3233.9320
SCN - Quadra 01 - Bloco F – Ed. América Office Tower - Salas 414 e 415 | 70711-905 | Brasília-DF | +55 61 3031-0381
Av. 600, SN – Quadra 15 – Módulo 10 – Setor Industrial – TIMS | 29161-419 | Serra- ES | +55 27 3328-9440

Torino Informática Ltda.

CNPJ 03.619.767/0005-15

I.E. 083.327.90-8

nilton@grupotorino.com.br



contribuições pertinentes. o preço indicado já contempla quaisquer descontos do valor apurado, inclusive para ICMS/difal nos estados beneficiados com esta dispensa.

2. Declaramos que conhecemos a legislação de regência desta licitação e que os serviços/fornecimentos serão prestados de acordo com as condições estabelecidas neste edital, o que conhecemos e aceitamos em todos os seus termos, inclusive quanto ao pagamento e outros.
3. Declaramos, também, que nenhum direito a indenização ou reembolso de quaisquer despesas nos será devido, caso a nossa proposta não seja aceita pela alego seja qual for o motivo.
4. A presente proposta é válida por 60 (sessenta) dias, a contar da data estabelecida para a sua abertura.
5. Garantia: 60 meses on-site. Os serviços de garantia e suporte serão prestados da forma estabelecida neste edital.
6. Pagamento: conforme estabelecido no Edital/Termo de referência;
7. Valores expressos em reais;
8. Prazo e condições de entrega: 60 (sessenta) dias úteis, a partir da assinatura do contrato.;

DADOS PARA CONTATO / INFORMAÇÕES:

CONTATO: Nilton Domingues

TEL: (62) 9 9294-3120

EMAIL: nilton@grupotorino.com.br



Rodrigo do Amaral Rissio
RG: 27.954.969-6 SSP/SP
Sócio / Procurador

À

PROCURADORIA GERAL DE JUSTIÇA DO ESTADO DE GOIÁS
Edital de Licitação n.º 013/2026**DECLARAÇÃO DO FABRICANTE**

A **ENVISION INDÚSTRIA DE PROUTOS ELETRÔNICOS LTDA.** estabelecida na Avenida Dr. Cardoso de Melo, 1.184 – 2º Andar – Vila Olímpia – CEP. 04548-004 - São Paulo/SP (**Empresa do GRUPO TOP VICTORY INVESTMENTS, com sede em Hong Kong**), fabricante dos produtos **AOC/PHILIPS** no Brasil, declara para os devidos fins que a empresa **TORINO INFORMÁTICA LTDA.** sediada na Rua Rita de Carvalho Monteiro, 120, Retiro São João, Sorocaba/SP, CEP. 18085-750, CNPJ. 03.619.767/0001-91, e **com filial** inscrita no CNPJ nº 03.619.767/0005-15, situada a Avenida 600, s/n, Quadra 15, Módulo 10, Setor Industrial, TIMS, Serra/ES, CEP: 29161-419, é nossa **REVENDA e ASSISTÊNCIA TÉCNICA AUTORIZADA**, estando apta a Comercializar e Prestar Assistência Técnica em todos os produtos de nossa linha de Monitores e Televisores das marcas: **AOC e PHILIPS.**

Declaramos ainda que, o(s) equipamento(s) ofertado(s) pela revenda **TORINO INFORMÁTICA LTDA.** neste Edital:

- ⇒ **O monitor AOC modelo 24E3QF é novo, sem uso e não recondicionado.**
- ⇒ **Esse modelo é da linha corporativa da AOC e encontra-se em linha de produção atual.**
- ⇒ **Seus acessórios serão entregues em embalagem única e com as devidas proteções.**
- ⇒ **O modelo aqui mencionado atende todas as normas da Diretiva RoHS.**
- ⇒ **O referido monitor possui garantia on-site de 60 meses conforme exigido neste Edital e durante este período, todo o atendimento será realizado pela Torino Informática Ltda., pois a mesma é uma Assistência Técnica Autorizada/Credenciada para todo o território nacional.**
- ⇒ **Abertura de chamados serão efetuados através do e-mail: suporte@grupotorino.com.br - OU**
- ⇒ **Telefone nº: 0800-201-5666 - OU através do SITE: <https://chamados.grupotorino.com.br> e a validação da garantia também através do link: <https://grupotorino.com.br/garantia>**

Atenciosamente,

São Paulo, 20 de março de 2026.



Marco Aurélio Pinheiro
Comercial B2B & Distribuição



Edmilson Rodrigues
Comercial B2B - TI
Celular: +55 11 9 8103-5756

ER017_26_MP_PGJ_GO

AOC

Monitor Série E 24E3QF 23,8"



Especificações gerais

Tela	23,8" Widescreen IPS
Resolução	1920 x 1080 FHD
Brilho	300 cd/m²
Contraste dinâmico	20.000.000:1
Contraste estático	1.000:1
Ângulo de visão	H: 178° V: 178°
Taxa de atualização	100 Hz
Tempo de resposta	4 ms
Alto-falantes	Não

Especificações da tela

Tamanho do painel	23,8"
Tamanho da imagem visível (diagonal)	60,47 cm
Tipo de painel	IPS
Proporção de tela	16:9
Formato de tela	Widescreen
Curvatura	Não
Iluminação do painel	W-LED
Resolução máxima	VGA: 1920 x 1080 @ 75 Hz DP 1.2: 1920 x 1080 @ 100 Hz HDMI 1.4: 1920 x 1080 @ 100Hz
Pixel Pitch	0,2745 (H) x 0,2745 (V) mm
Densidade de pixel	93 PPI
Tipo de tela	Antirreflexivo
Bit	8 bits
Brilho	300 cd/m²
sRGB	108%
Relação de contraste dinâmico	20.000.000:1
Relação de contraste estático	1.000:1
Frequência nativa do painel	100 Hz
Tempo de resposta	4 ms
Ângulo de visão	H: 178° V: 178°
Frequência de varredura horizontal	VGA: 30 k - 85 kHz HDMI/DisplayPort: 30 k - 115 kHz
Frequência de varredura vertical	VGA: 48-75 Hz HDMI/DisplayPort: 48-100 Hz
Suporte de cores	Maior que 16,7 milhões

Ergonomia

VESA	Sim - 100 x 100 mm
Base ajustável	Altura: 150 mm Giro: 180° Inclinação: -5°/35° Pivô: -90° - 90° (bidirecional)

Certificações

Normas e certificações	CB, IEC 62368-1, IEC 60950-1, Windows, TÜV, TCO, Energy Star, EPEAT, INMETRO, RoHS, Antirruído Kensington, HDCP 1.4 para HDMI e DisplayPort
------------------------	---

Conexões e recursos

Conectores	1x VGA 1x HDMI 1.4 (HDCP 1.4) 1x DisplayPort 1.2 (HDCP 1.4) 1x Saída de Áudio
Alto-falantes	Não
HDR	HDR Mode (Simulação)
Tecnologias	Low Blue Mode, Flicker-Free e Screen +
i-Menu	i-Menu
Compatibilidade	Windows, MAC, Linux
Plug & Play	DDC 2B/CI
Controles manuais	Source+Auto; Volume+Image Ratio/ Right; Clear Vision+Clear Vision Demo/ Left; Menu; Power
Função OSD (On Screen Display)	Sim - Português e outros idiomas
Destaque	Base ajustável Painel IPS 100Hz HDMI e DisplayPort Certificações B2B

Dimensões, peso e embalagem

Dimensões monitor com base (L x A x P)	540 x (503,6 ~ 386) x 200,1 mm
Dimensões Monitor sem base (L x A x P)	540 x 326,3 x 50,7 mm
Dimensões embalagem (L x A x P)	755 x 393 x 178 mm
Peso sem embalagem (com base)	4,45 kg
Peso sem embalagem (sem base)	2,7 kg
Peso com embalagem	6,45 kg
Itens inclusos na embalagem	Cabo de força brasileiro NBR 14136, cabo HDMI, cabo DP, certificado de garantia, base e monitor

Energia

Fonte	Interna - 100~240V - 50/60 Hz 1.5
Consumo	Ligado: 30 W (máximo) Ligado: 18 W (típico) Stand-by/Desligado: 0,3 W

Outros

Cor predominante do produto	Preto
Cor predominante da base	Preto
Sugestão de descrição	Monitor AOC 23,8" IPS Base Ajustável 100Hz DP HDMI 24E3QF
Garantia	3 anos
Código EAN	7898620272586
Classificação fiscal (NCM)	8528.52.00
CEST	21.068.00
PPB	Portaria Interministerial SEPEC/ME/ SEXEC/MCTI nº 58, de 09.10.2020
Local de fabricação	Brasil



ENERGY STAR CERTIFIED Displays

AOC - 24E3QF : 24E3QF

Specifications

ENERGY STAR Unique ID:	3627021
Brand Name:	AOC
Model Name:	24E3QF
Model Number:	24E3QF
Product Type:	Monitor
Panel Type:	IPS LCD
Screen Size (inches):	23.8
Screen Area (square inches):	242.18
Native Resolution (pixels):	1920 x 1080
Maximum Luminance (candelas per square meter):	300.0
Total Native Resolution (megapixels):	2.1
Model Features:	None
Signal or Data Interfaces:	VGA,Display,HDMI,USB
Power Source:	Ac to dc internal power supply
Monitor Total Energy Consumption at 115 Volts (kWh/yr):	42.23
On Mode Power (watts):	13.03
Markets:	United States, Switzerland, Taiwan, Japan, Canada
Sleep Mode Power (watts):	0.4
Off Mode Power (watts):	0.15
ENERGY STAR Certified:	Yes
ENERGY STAR Most Efficient:	No

Additional Model Information

24E3UF

Captured On:
04/07/2026

Certificado de Conformidade

Certificate of Conformity

Certificado/Certificate

UL-BR 24.0764

Revisão/Review

04

Emissão / Issue

6 de junho de 2024

June 6, 2024

Validade/Expiration

5 de junho de 2027

June 5, 2027



Reconhecer que o Solicitante/Acknowledge that the Certificate Holder

ENVISION INDÚSTRIA DE PRODUTOS ELETRONICOS LTDA

avaliou o produto/has had

MONITOR LCD / LCD MONITOR

ao qual atende aos requisitos do Programa de Certificação/evaluated and
meets the requirements of the certification program

REQUISITOS DE AVALIAÇÃO DA CONFORMIDADE ANEXOS À PORTARIA INMETRO Nº 304 DE 06 DE NOVEMBRO DE 2023 /

CONFORMITY ASSESSMENT REQUIREMENTS ATTACHED TO
INMETRO ORDINANCE Nº 304 AS OF NOV 06, 2023

e pode ostentar o Selo de Identificação da Conformidade do Sistema Brasileiro
de Avaliação da Conformidade (SBAC) sobre o(s) produto(s) relacionado(s) neste
certificado./

and can display the Conformity Identification Seal of the Brazilian Conformity
Assessment System (SBAC) on the product(s) listed in this certificate.

Rafael Parada
Program Owner

UL do Brasil Certificações, organismo acreditado pela Coordenação Geral de
Acreditação do INMETRO – CGCRE, segundo o registro Nº OCP-0029./

UL do Brasil Certificações, Certification Body accredited by Coordenação Geral
de Acreditação do INMETRO - CGCRE according to the register Nr OCP-0029.

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Solicitante/Certificate Holder
(1635977)

ENVISION INDÚSTRIA DE PRODUTOS ELETRONICOS LTDA
Rodovia Anhanguera, km 26,5 – Armazém II, 4, 5 e 6 – Jardim Jaraguá 05275-000, SÃO PAULO, SP, Brazil
C.N.P.J.: 04.176.689/0003-22

Fabricante/Manufacturer
(227862)

ENVISION INDÚSTRIA DE PRODUTOS ELETRONICOS LTDA
Av Torquato Tapajos 2236, Flores, Manaus/AM, 69058-830, Brazil
CNPJ: 04.176.689./0001-60

Modelo de certificação/
Certification model

5

Norma(s) aplicável(is)/
Applicable standards

See appendix for details

Identificação UL/
UL identification

BR2467 / Vol.3 / Sec. 27, 28, 29, 30, 31, 32, 36, 22, 23, 24, 25, 38, 40, 41, 46, 48, 54, 56, 58, 60, 61, 62, 63, 64, 65, 71, 72, **75**

Quantidade importada/
Quantity imported

N/A

Unidade de medida/
Measurement unit

N/A

Lote ou No. de série/
Lot or serial number

N/A

Número e data da licença de
importação/Number and import
license date

N/A

Identificação da família/modelo/lote de produto(s) certificado(s)/Identification of the family/model/lot of certified product(s):

Marca/ Brand name	Modelo/ Model	Descrição/ Description	Código de barras/ Bar code number
AOC	236LM00014, *2470*****	(* = A to Z, a to z, 0 to 9, "+", "-", "/", "\" or blank. Represent different enclosure color and sales regions for marketing purpose only, no technical difference)	N/A
AOC	G2460PF, 240LM00010, G2460VQ6, 240LM00016	N/A	N/A
AOC	215LM00041, *2270*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose)	N/A
AOC	185LM000**	(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose.)	N/A
AOC	22B1, 22B1H, 22*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represent different enclosure colour for marketing purpose)	N/A
AOC	24B1, 24B1H, 24B1XHM, 24*****	(The symbol"***" can be 0-9, AZ, a-z, "+", "-", "/", "\" or blank, which is not influencing on safety.)	N/A
AOC	G2260VWQ6, 215LM00033	N/A	N/A
AOC	315LM00019, AG322FCX	N/A	N/A
AOC	22P1, **22P1*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)	N/A



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

AOC	24P1, **24P1*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)	N/A
AOC	9P1, **9P1*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represents different enclosure color for marketing purpose)	N/A
AOC	AG251*****, 250LM000**	(The * in the model name can be 0 to 9, A to Z or blank for marketing use only.)	N/A
AOC	24G2, **24G2*****	(The symbol "*" can be 0-9, A-Z, a-z, "+", "-", "P", "N", sign absence or blank, which is not influencing on safety.)	N/A
AOC	27G2, **27G2*****	(* can be 0-9, A-Z, a-z, "+", "-", "P", "N" or blank, Represent different enclosure color and sales region for marketing purpose.)	N/A
AOC	323FCX, 323QCX, **323*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose only, no technical difference.)	N/A
AOC	22P2, 22P2*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represent different enclosure colour for marketing purpose)	N/A
AOC	27B1, 27B1HM, **27B1*****	(The symbol "*" can be 0-9, A-Z, a-z, "+", "-", "P", "N" or blank)	N/A
AOC	U27P2, **27P2*****	(The symbol "*" can be 0-9, A-Z, a-z, "+", "-", "P", "N" or blank)	N/A
AOC	25G3ZM, 25G3*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank, represent different sales region and enclosure colour for marketing purpose.)	N/A
AOC	**24B30***** **24B35*****	(* = A-Z, a-z, 0-9, /, +, -, \ or blank)	N/A
AOC	27G2E1, 27G2*****, C27G2*****, C*27G2*****, Q27G2*****, U27G2*****	(* = A-Z, a-z, 0-9, /, +, -, \ or blank)	N/A
AOC	24B3HMF2, **24B3*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose only, no technical difference.)	N/A
AOC	22B3HMF, 22B3*****, Q22B3*****	(* can be A-Z, a-z, 0-9, blank or symbol +, -, /, \, or sign absence or no mark or no symbol).	N/A
AOC	22B30HM2, 22B35HM2, **22*****	(* can be A-Z, a-z, 0-9, blank or symbol +, -, /, \, or sign absence or no mark or no symbol)	N/A
AOC	Q27B30, 27B350H, 27B35H, **27*****	(* can be A-Z, a-z, 0-9, blank or symbol +, -, /, \, or sign absence or no mark or no symbol)	N/A
AOC	27G4, 27G4/P, **27G4*****	(* = 0-9, A-Z, a-z, +, -, /, \ or blank)	N/A
AOC	24G4, 24G4/P, **24G4*****	(* = 0-9, A-Z, a-z, +, -, /, \ or blank)	N/A
AOC	24E3UM, 24E3UF, 24E3QF, 24E3*****, Q24E3*****	(* can be 0-9, A-Z, a-z, -, \, /, + or blank for marketing purpose only, no technical difference.)	N/A

Identificação da(s) versão(ões) do(s) modelo(s) de produto(s) certificado(s)/Identification of version(s) of certified product(s) model(s):

Código do modelo/ Model code	Descrição do modelo/ Model description	Versão/ Version	Código de barras/ Bar code number
N/A	N/A	N/A	N/A

Informações de ensaios/Test information:

Modelo/Model: 236LM00014, *2470****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080822 001	8 de maio de 2017 May 8, 2017
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-11412C077D	27 de fevereiro de 2017 February 27, 2017



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1412C077E	27 de abril de 2017 April 27, 2017
---	----------------------	---------------------------------------

Modelo/Model: G2460PF, 240LM00010, G2460VQ6, 240LM00016

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080813 001	4 de maio de 2017 May 4, 2017
Relatório de ensaio emitido por / Test report issued by Cepass Technology (SuZhou) Co., Ltd.	SECE1505118-A	1 de abril de 2017 April 1, 2017
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1611C130	28 de novembro de 2016 November 28, 2016
Relatório de ensaio emitido por / Test report issued by Cepass Technology Corporation Test Laboratory	TEFD1506145-A	25 de julho de 2016 July 25, 2016
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1611C130	28 de novembro de 2016 November 28, 2016

Modelo/Model: 215LM00041, *2270*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50083922 001	1 de junho de 2017 June 1, 2017
Relatório de ensaio emitido por / Test report issued by Audix Technology (Shenzhen) Co., Ltd.	ACS-E15423-1	21 de maio de 2018 May 21, 2018
Relatório de ensaio emitido por / Test report issued by AUDIX Technology Corporation, EMC Department	EM-F150563A	25 de julho de 2016 July 25, 2016

Modelo/Model: 185LM000**

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50080564 001	15 de maio de 2017 May 15, 2017
Relatório de ensaio emitido por / Test report issued by Cepass Technology(Suzhou) Co., Ltd.	SECE1609083	23 de setembro de 2016 September 23, 2016
Relatório de ensaio emitido por / Test report issued by Cepass Technology Corporation Test Laboratory	TEFD1609132	3 de novembro de 2016 November 4, 2016

Modelo/Model: 22B1, 22B1H, 22*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117327 001	10 de janeiro de 2018 January 10, 2018
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117327 002	25 de março de 2022 March 25, 2022
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1712C238	10 de janeiro de 2018 January 10, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1712C238	10 de janeiro de 2018 January 10, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1905C011E	9 de junho de 2022 June 9, 2022

Modelo/Model: 24B1, 24B1H, 24B1XHM, 24*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061025 001	29 de janeiro de 2018 January 29, 2018
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061025 002	28 de abril de 2019 April 28, 2019



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061025 003	19 de agosto de 2021 August 19, 2021
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061025 004	26 de abril de 2022 April 26, 2022
Relatório de ensaio emitido por / Test report issued by Intertek Testing Services Shanghai	240600098SHA-001	19 de junho de 2024 June 19, 2024
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C141	30 de janeiro de 2018 January 30, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1801C141	30 de janeiro de 2018 January 30, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C141G	20 de maio de 2022 April 20, 2022
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1904C060F	12 de junho de 2024 June 12, 2024

Modelo/Model: G2260VWQ6, 215LM00033

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50163485 001	30 de julho de 2018 July 30, 2018
Relatório de ensaio emitido por / Test report issued by Cerpass Technology (Suzhou) Co., Ltd.	SECE1709022-A	31 de maio de 2018 May 31, 2018
Relatório de ensaio emitido por / Test report issued by Cerpass Technology Corporation Test Laboratory	TEFD1709118-B	31 de maio de 2018 May 31, 2018

Modelo/Model: 315LM00019, AG322FCX

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50134159 001	30 de março de 2018 March 30, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc. (China)	BTL-EMC-1-1607C046	27 de março de 2018 March 27, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc. (Taiwan)	BTL-FICE-1-1607C046	26 de julho de 2016 July 26, 2016

Modelo/Model: 22P1, **22P1*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117328 001	22 de janeiro de 2018 January 22, 2018
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50117328 002	6 de março de 2018 March 6, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C204	17 de abril de 2018 April 17, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1801C204	17 de abril de 2018 April 17, 2018

Modelo/Model: 24P1, **24P1*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50123526 001	15 de março de 2018 March 15, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1801C227	26 de fevereiro de 2018 February 26, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1801C227	13 de fevereiro de 2018 February 13, 2018

Modelo/Model: 9P1, **9P1*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
--	-------------------------------------	--------------------------------



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Testing laboratory	Test report	Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50127813 001	2 de abril de 2018 April 2, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1802C098	26 de março de 2018 March 26, 2018
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1802C098	26 de março de 2018 March 26, 2018

Modelo/Model: **AG251*******, **250LM000****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by Nemko Shanghai Ltd. Shenzhen Branch	373638	24 de abril de 2019 April 24, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1904C132	13 de maio de 2019 May 13, 2019

Modelo/Model: **24G2**, ****24G2*******

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 001	2 de maio de 2018 May 2, 2018
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 002	17 de junho de 2019 June 17, 2019
Relatório de ensaio emitido por / Test report issued by Intertek Testing Services (Shanghai FTZ) Co., Ltd.	240800250SHA-001	20 de agosto de 2024 August 20, 2024
Relatório de ensaio emitido por / Test report issued by Cerpess Technology (Suzhou) Corporation	SECE1906151	3 de agosto de 2019 August 3, 2019
Relatório de ensaio emitido por / Test report issued by Cerpess Technology Corp.	TEFD1906255	3 de agosto de 2019 August 3, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1905C010	23 de julho de 2019 July 23, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1905C010	23 de julho de 2019 July 23, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-2104C082E	31 de agosto de 2023 August 23, 2023

Modelo/Model: **27G2**, ****27G2*******

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 001	2 de maio de 2018 May 2, 2018
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	17061072 002	17 de junho de 2019 June 17, 2019
Relatório de ensaio emitido por / Test report issued by Cerpess Technology (Suzhou) Corporation	SECE1906151	3 de agosto de 2019 August 3, 2019
Relatório de ensaio emitido por / Test report issued by Cerpess Technology Corp.	TEFD1906255	3 de agosto de 2019 August 3, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-EMC-1-1905C010	23 de julho de 2019 July 23, 2019
Relatório de ensaio emitido por / Test report issued by BTL Inc.	BTL-FICE-1-1905C010	23 de julho de 2019 July 23, 2019

Modelo/Model: **323FCX**, **323QCX**, ****323*******

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50306701 001	11 de novembro de 2019 November 11, 2019
Relatório de ensaio emitido por / Test report issued by Cerpess Technology (Suzhou) Co., Ltd.	SECE1910074	1 de novembro de 2019 November 1, 2019



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Modelo/Model: 22P2, 22P2*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50349572 001	30 de março de 2020 March 30, 2020
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50349572 002	4 de junho de 2020 June 4, 2020
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-2001C075A	28 de junho de 2020 June 28, 2020
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-FICE-1-2001C075	30 de março de 2020 March 30, 2020

Modelo/Model: 27B1, 27B1HM, **27B1*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22Q3BH 001	4 de março de 2020 March 4, 2020
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22Q3BH 002	18 de maio de 2020 May 18, 2020
Relatório de ensaio emitido por / Test report issued by Audix Technology (Shenzhen) Co., Ltd.	ACS-E22053	25 de março de 2020 March 25, 2020
Relatório de ensaio emitido por / Test report issued by Audix Technology (Shenzhen) Co., Ltd.	ACS-F22047	25 de março de 2020 March 25, 2020
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-1904C077D	6 de junho de 2020 June 6, 2020

Modelo/Model: U27P2, **27P2*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50337659 001	18 de março de 2020 March 18, 2020
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50337659 002	10 de agosto de 2020 August 10, 2020
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50337659 003	30 de junho de 2021 June 30, 2021
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	50337659 004	5 de maio de 2022 May 5, 2022
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-2003C125A	9 de maio de 2022 May 9, 2022

Modelo/Model: 25G3ZM, 25G3*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 001	13 de maio de 2021 May 13, 2021
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 002	14 de fevereiro de 2022 February 14, 2022
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 003	11 de julho de 2022 July 11, 2022
Relatório de ensaio emitido por / Test report issued by BTL Inc. (Dongguan)	BTL-EMC-1-2104C184B	12 de junho de 2023 June 12, 2023

Modelo/Model: **24B30***** , **24B35*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 001	26 de setembro de 2023 September 26, 2023



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 002	24 de novembro de 2023 November 24, 2023
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	60436664 003	2 de novembro de 2023 November 2, 2023
Relatório de ensaio emitido por / Test report issued by BTL Inc. (Dongguan)	BTL-EMC-1-2104C184B	5 de janeiro de 2024 January 5, 2024

Modelo/Model: 27G2E1, 27G2*****, C27G2*****, C*27G2*****, Q27G2*****, U27G2*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES221100672801	28 de dezembro de 2022 December 28, 2022
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES230500304601	28 de junho de 2023 June 28, 2023
Relatório de ensaio emitido por / Test report issued by BTL Inc. (Dongguan)	BTL-EMC-1-2207C151B	23 de setembro de 2023 September 23, 2023

Modelo/Model: 24B3HMF2, **24B3*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES240100059701	6 de fevereiro de 2024 February 6, 2024
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES240100059701 (Correction 1)	7 de março de 2024 March 6, 2024
Relatório de ensaio emitido por / Test report issued by Shenzhen UnionTrust Quality and Technology Co., Ltd.	2310167389EMC-1	27 de novembro de 2023 November 27, 2023
Relatório de ensaio emitido por / Test report issued by Shenzhen UnionTrust Quality and Technology Co., Ltd.	2403079950EMC-1	14 de março de 2024 March 14, 2024

Modelo/Model: 22B3HMF, 22B3*****, Q22B3*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES230200081401	28 de abril de 2023 April 28, 2023
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES230200081401A1	30 de janeiro de 2024 January 30, 2024
Relatório de ensaio emitido por / Test report issued by Tianjin Dongdian Testing Service Co., Ltd.	DDT-B23030305-1E04	27 de março de 2023 March 27, 2023

Modelo/Model: 22B30HM2, 22B35HM2, **22*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES231200774901	4 de janeiro de 2024 January 4, 2024
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-2312C138	15 de janeiro de 2024 January 15, 2024

Modelo/Model: Q27B30, 27B30H, 27B35H, **27*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by	SZES231100735901	2 de janeiro de 2024 January 2, 2024



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch		
Relatório de ensaio emitido por / Test report issued by BTL INC.	BTL-EMC-1-2401C032	30 de janeiro de 2024 January 30, 2024

Modelo/Model: 27G4, 27G4/P, **27G4*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES230800493401	26 de setembro de 2023 September 26, 2023
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B23090108-2E01	13 de setembro de 2023 September 13, 2023
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B24040810-1E01	29 de abril de 2024 January 29, 2024
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B23090108-2E02	13 de setembro de 2023 September 13, 2023

Modelo/Model: 24G4, 24G4/P, **24G4*****

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch	SZES230800493901	8 de setembro de 2023 September 8, 2023
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B23082413-1E01	11 de setembro de 2023 September 11, 2023
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B23082413-1E02	12 de setembro de 2023 September 12, 2023

Modelo/Model: 24E3UM, 24E3UF, 24E3QF, 24E3*** , Q24E3*******

Laboratório de ensaio/ Testing laboratory	Relatório de ensaio/ Test report	Data de emissão/ Issue date
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22VYOG 001	16 de agosto de 2022 August 16, 2022
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22VYOG 002	25 de maio de 2023 May 25, 2023
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22VYOG 003	20 de setembro de 2023 September 20, 2023
Relatório de ensaio emitido por / Test report issued by TÜV Rheinland (Shenzhen) Co., Ltd.	CN22VYOG 004	5 de setembro de 2024 September 5, 2024
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B24081309-1E01	27 de agosto de 2024 August 27, 2024
Relatório de ensaio emitido por / Test report issued by Tianjing Dongdian Testing Service Co., Ltd.	DDT-B24081309-1E02	27 de agosto de 2024 August 27, 2024

Informações de auditoria/Audit information:

Local da auditoria/Audit location	Data de realização/Perform date
Tratamento de reclamações/Complaint handling ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA	6 de maio de 2024 May 6, 2024
Fabricante/ Manufacturer ENVISION INDUSTRIA DE PRODUTOS ELETRONICOS LTDA	12 de março de 2024 March 12, 2024

Informações adicionais/Additional information:

N/A

Observações/Observations:



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

- A validade deste Certificado de Conformidade está atrelada à realização das avaliações de manutenção e tratamento de possíveis não conformidades de acordo com as orientações da UL do Brasil Certificações previstas no RAC específico. Para verificação da condição atualizada de regularidade deste Certificado de Conformidade deve ser consultado o banco de dados de produtos e serviços certificados do Inmetro./
The validity of this Certificate of Conformity is linked to the performance of maintenance assessments and treatment of possible non-conformities in accordance with the guidelines of UL do Brasil Certifications provided for in the specific Conformity Assessment Regulation. To check the updated condition of regularity of this Certificate of Conformity, the Inmetro database of certified products and services must be consulted.
- Este certificado aplica-se aos equipamentos (produtos) idênticos ao protótipo avaliado e certificado, manufaturados na(s) unidade(s) fabril(is) mencionada (s) acima./
This certificate applies to the products that are identical to the prototype investigated, certified and manufactured at the production site mentioned in this certificate.
- Qualquer alteração no produto, incluindo a marcação, invalidará o presente certificado, salvo se o solicitante informar por escrito à UL do Brasil Certificações sobre esta modificação, a qual procederá à avaliação e decidirá quanto à continuidade da validade do certificado./
Any non-authorized changes performed in the product, including marking, will invalidate this certificate. UL do Brasil Certificações must be notified about any desired change. This notification will be analyzed by UL do Brasil Certificações that will decide about certificate force.
- Esta autorização está vinculada a um contrato e para o escopo acima citado./
This license is related to a commercial proposal and to the scope above cited.

Histórico de revisões/Revisions history:

Revisão/ Review	Data/ Date	Descrição da revisão/ Revision description
04	1 de outubro de 2024 <i>October 1, 2024</i>	- Adicionar modelo 24E3UM, 24E3UF, 24E3QF, 24E3***** Q24E3***** - Add model 24E3UM, 24E3UF, 24E3QF, 24E3***** Q24E3*****
03	9 de setembro de 2024 <i>September 9, 2024</i>	Para o modelo: 24B1, 24B1H, 24B1XHM, 24***** & - Alterar o modelo de 24B1, 24B1H, 24***** para 24B1, 24B1H, 24***** - Alterações de componentes. - Alterar laboratório de testes: Intertek Testing Services Shanghai. Para o modelo: 24G2, **24G2***** - Atualizar o padrão de IEC 60950 para IEC 62368. - Placa de alimentação de comutação tipo embutida 715G9611. - Placa principal embutida 715GB201 fornecida pela saída secundária da placa de alimentação mencionada acima. - Alterar laboratório de testes: Intertek Testing Services (Shanghai FTZ) Co., Ltd.. For model: 24B1, 24B1H, 24B1XHM, 24***** & - Change the model from 24B1, 24B1H, 24***** to 24B1, 24B1H, 24***** - Components changes. - Change testing laboratory: Intertek Testing Services Shanghai. For model: 24G2, **24G2***** - Upgrade standard from IEC 60950 to IEC 62368. - Building-in type switching power supply board 715G9611. - Building-in main board 715GB201 supplied by secondary output of power board mentioned above. - Change testing laboratory: Intertek Testing Services (Shanghai FTZ) Co., Ltd..
02	1 de julho de 2024	Adicionar novo modelo: 24G4, 24G4/P, **24G4*****



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	<i>July 1, 2024</i>	-Add new model: 24G4, 24G4/P, **24G4*****
01	27 de junho de 2024 <i>June 27, 2024</i>	Adicionar novo modelo: 27G4, 27G4/P, **27G4***** - Add new model: 27G4, 27G4/P, **27G4*****
00	6 de junho de 2024 <i>June 6, 2023</i>	Emissão inicial com recertificação do certificado UL-BR 21.1192. / <i>Initial Issue with renewal of certificate UL-BR 21.1192</i>
A última revisão substitui e cancela as anteriores/ The last review replaces and cancels the previous ones		

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Anexo I/Attachment I:

Appendix A (Modelo/Model: 236LM00014, *2470**)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: AC 100-240V, 50/60 Hz, 1.5 A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 32:2012 Class B, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6:2013/COR1:2015, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel with LED backlight for 23.6 inch models	TPV	TPM236H* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 18.6W; LED Array Voltage: 56V	--	Tested in equipment
Alt.	IVO	M236MWF* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 17.7W; LED Array Voltage: 31.5V	--	Tested in equipment
Alt.	BOE	HM236WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 18.7W; LED Array Voltage: 37.4V	--	Tested in equipment
Alt.	CHIMEI INNOLUX	M236H*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 19.09W; LED Array Voltage: 47.6V	--	Tested in equipment
Alt.	TPV	TPM236WF*.* (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 22.4W; LED Array Voltage: 44.8V	--	Tested in equipment
Alt.	BOE	HR236WU*-*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.6" TFT type, with LED back light, power consumption: 26.7W; LED Array Voltage: 44.2V	--	Tested in equipment
Plastic Enclosure	Cheil	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670F, NH-1017T, NH-1017(+), BF-0677(+), HS-7000RA, HG-0760(+)	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)
Alt.	Grand	D-150, D-1000A	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E88637)
Alt.	Chi Mei	PA-757(+), PH-88	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E196075)
Alt.	BASF	GP-35, GP-22, 495F	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41871)
Alt.	Bayer	FR2000, FR3005	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41613)
Alt.	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GN-5008A-F, SE750(#), XG-568, XG- 569C, GP-1000L, SE-750, GN-5001RF, GN-5001RFT, GN-5008HF	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E67171)
Alt.	Teijin	TN-7500, TN-7500F(#) MN-3600H, MN-3600HA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E98529, E244324)
Alt.	HINGLONG	HL-ABS-PCR85; HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
Alt.	STYRON	STYRON A-TECH 1400	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E73656)
Alt.	KingFa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, RD-900, HIPS-510(H)	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E171666)
Alt.	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E230779)
Alt.	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
Alt.	ORINKO	ABS-3070H	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Metal Enclosure except for bottom side	Interchangeable	Interchangeable	Metallic, thickness 0.4 mm min.	--	--
Metal Enclosure on bottom side	Interchangeable	Interchangeable	Metallic, thickness 0.81 mm min.	--	--
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C, thickness: 1.50mm	UL 94, UL 796	UL
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
Barrier for covering opening in bottom and top of metal enclosure	Interchangeable	Interchangeable	Min. V-1 or better, min. 0.4mm thickness	UL 94	UL
Power Supply with LED driver board, type No. 715G5527 by TPV					
Appliance Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	DELIKANG/ Douling	CDJ-3 CDJ-3-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Solteam Electronics Co., Ltd.	ST-01	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	TECX	TU-301-AP, TU-301-S, TU-301-SP, TU-301-A	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Yueqing Hongchang	DB-14	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Wickmann	392, 382-series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	215 series, 677 series, 392, 382	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5 series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T3.15AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Fuse (F902 for L.P.S +5V)	Conquer	MET, MST, PTU	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Wickmann	392, 382-series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	215 series, 677 series, 392, 382	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5 series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T5AL, Min.250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Y- Capacitor (C902,C903) (Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Yinan Don	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Haohua	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Wansheng	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JY, JN	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hongming	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y-Capacitor (C900) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Yinan Don	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Haohua	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK	CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hongming	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C904) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hua Jung	MKP	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
Alt.	Faratronic	MKP62	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Europtronic	MPX	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Europtronic	MPX2	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Liow Gu	GS-L	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	EPCOS	B3292#	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Arcotronics	R.46	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC(IMQ), UL
Alt.	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.22 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko, Nemko
Alt.	Vishay Semiconductor	TCET1103	Di=0.6mm, int.cr=4.7mm, ext.cr=8.4mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Alt.	Everlight Electronics Co., Ltd.	EL817	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko, Nemko
Alt.	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko
Alt.	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL
Alt.	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Fimko, Nemko
Alt.	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Alt.	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN/EN 60747-5-2 IEC/EN 60950-1	VDE, UL, Semko, Fimko
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 1M ohm, min. 1/4 W (three in series, located after fuse)	--	--

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 600V.	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 µF, Max. 450 V, 105 °C	--	--
Current sense resistor (R903)	Interchangeable	Interchangeable	0.39ohm, 2W	--	--
Line Choke (L901) (optional)	Dadon	73G174- 65-H	105°C	--	--
Alt.	TPV	73G174- 65-V	105°C	--	--
Alt.	Tonation	73G174- 65-YS	105°C	--	--
Alt.	YUVA	73G174- 65-N	105°C	--	--
Alt.	TDK	73G174- 65-T	105°C	--	--
Alt.	ASET	73G174- 65-X	105°C	--	--
Alt.	TaiCheng	73G174- 65-S	105°C	--	--
Alt.	Litai	73G174- 65-L	105°C	--	--
Alt.	LI SHIN	73G174- 65-LS	105°C	--	--
Transformer (T901) Alt.)	CHENPING	80GL19P-39-CP	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820; PM-9630	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	3M Symbio	44(a) 35661\$	130°C	UL 510	UL
Insulation Tape	Jingjiang	CT(c)	130°C	UL 510	UL
Transformer (T901) Alt.)	YUVA	80GL19P-39-N	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Jingjiang Symbio	WF(c) 35661\$	130°C	UL 510	UL
Insulation Tape	Jingjiang	CT(c)	130°C	UL 510	UL
Transformer (T901) Alt.)	TPV	80GL19P-39-V	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Insulation Tape	Symbio	35660Y*d	130°C	UL 510	UL
Transformer (T901) Alt.)	TAICHANG	80GL19P-39-S	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin Tape	Jingjiang	WF(c)	130°C	UL 510	UL
Insulation Tape	Jingjiang	CT(c)	130°C	UL 510	UL
Power Supply with LED driver board, type No. 715G4497 by TPV					
Appliance Inlet (CN901)	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Shenzhen Delikang	CDJ-3, CDJ-3-1	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Solteam Electronics Co., Ltd.	ST-01	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	TECX-UNIONS	TU-301 series	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Alt.	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S	10A, Min.250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. ltd and Walter electric	2000, 2010	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	392, 382	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Fuse (F902, F903 for L.P.S +5V, +5V1)	Conquer	MET, MST, PTU	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Ever Island Electric Co. Ltd and Walter Electric	2000, 2010	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Alt.	Littelfuse	392, 382	T4AL, Min.250Vac	IEC 60127-1, IEC 60127-3, UL 248-1, UL 248-14	VDE, UL
Y-Capacitor (C902, C903) (Y1 or Y2 type) (optional)	Haohua	CT 7	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Dongguan South Hongming	F	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN, JY	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KX, KH	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK-EPC	CD, CS	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Walsin	AH, AC	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	KUNSHAN WANSHEG ELECTRONICS CO LTD	CT7	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 1000pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y- Capacitor (C900) (Y1 type) (optional)	Haohua	CT 7	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Dongguan South Hongming	F	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	JYA-NAY	JN, JY	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Murata	KX, KH	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Samwha	SD	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Success	SE	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	TDK-EPC	CD, CS	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Walsin	AH, AC	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	KUNSHAN WANSHEG ELECTRONICS CO LTD	CT7	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 3300pF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C908) (X1 or X2 type) (optional)	Epcos Electronic Components SA	B3292#	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Euoptronic	MKX, MPX2	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Hua Jung	MKP	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
Alt.	Liow Gu Electronics Industry Co., Ltd.	GS-L	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	Xiamen Faratronic Co., Ltd.	MKP62	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Alt.	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.33 F, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Optocoupler (U902)	Everlight	EL 817 V (V=VDE option)	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.06mm, 100°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	Lite-on	LTV-817	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.0mm, 110°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1	Dti = 0.4mm, min. Clearance/creepage between input and output = 7.0mm, 110°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	Sharp	PC123	Dti = 0.4mm min. Clearance/creepage between input and output = 8.0mm, 110°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	TOSHIBA	TLP421F	Dti = 0.4mm min. Clearance/creepage between input and output = 6.5mm, 115°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	TOSHIBA	TLP781F TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Alt.	Vishay Semiconductor	TCET1103	Dti = 0.4mm min. Clearance/creepage between input and output = 7.0mm, 100°C	DIN EN 60747-5-2:2003, IEC 60950-1, UL 1577	VDE, UL
Speaker (optional)	Interchangeable	Interchangeable	4Ω, 2.5W	--	--
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 1M , min. 1/4 W (three in series, located after fuse)	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 600V.	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150μF, Max. 450 V, 105°C	--	--
Current sense resistor (R924)	Interchangeable	Interchangeable	0.47 , 2W	--	--
Line Choke (L901) (optional)	Yaxingdianzi	73G174-65-X	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	Dadon	73G174-65-H	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt.	Chang Chun Plastics Co., Ltd.	T375J	V-0, Phenolic, 150°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TPV	73G174-65-V	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TDK	73G174-65-T	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115, 4130	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	LI SHIN	73G174-65-L	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	YUVA	73G 174-65-N	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	TAI CHANG	73G 174-65-S	120°C	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt. Line Choke (L901) (optional)	LI SHIN	73G174- 65-LS	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Alt.	Chang Chun Plastics Co., Ltd.	T355J	V-0, Phenolic, 150°C	UL 94	UL
Alt. Line Choke (L901) (optional)	Tonation	73G174- 65-YS	120°C	--	--
- Bobbin	Chang chun plastic	PBT-4115	V-0, 120°C	UL 94	UL
Transformer (T901)	Jiangsu Channelon Electronic Group Co., LTD	80GL22T-3-H	130°C	--	--
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Alt. Transformer (T901)	YUVA	80GL22T-3-N	130°C	--	--
- Bobbin	Chang Chun Plastics Co., Ltd.	T375J	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Alt.	3M COMPANY ELECTRICAL MARKETS DIV (EMD)	44(a)	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Alt. Transformer (T901)	TPV	S80GL22T-3-V	130°C	--	--
- Bobbin	Sumitomo	PM-8375	V-0, Phenolic, 150°C	UL 94	UL
- Margin Tape	Symbio	35661\$	130°C	UL 510	UL
Alt.	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	WF	130°C	UL 510	UL
- Insulation Tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd	CT-280	130°C	UL 510	UL
Alt.	Symbio	35660Y*(%)	130°C	UL 510	UL
Switching Power Supply with LED driver board, type No. 715G6503 by TPV					
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C, thickness: 1.50mm	UL 94, UL 796	UL
Appliance Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	DELIKANG	CDJ-3, CDJ-3-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Douling	CDJ-3, CDJ-3-1	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	TECX	TU-301, TU-301-A TU-301-AP, TU-301-S TU-301-SP, TU-301-AL TU-301-AP-A	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
	Yueqing Hongchang	DB-14	10A, 250 V, 70°C	IEC/EN/UL 60320-1	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Littelfuse	392, 382-series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
	Ever Island Electric Co. Ltd and Walter electric	2000 series, 2010 series	T2.5AL, 250Vac	IEC/EN 60127-1 IEC/EN 60127-3 UL 248-1, UL 248-14	VDE, UL
Y- Capacitor (C902.C903) (Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Yinan Don	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	TDK	CS, CD	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Murata	KH, KX	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Success	SE, SB	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Yinan Don	CT81	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Haohua	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	TDK	CD	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Murata	KX	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	JYA-NAY	JN	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Success	SE, SB	Max. 2200pF, 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC (Semko), UL
	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Europtronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN/UL 60384-14	ENEC(IMQ), UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω, Min. 2A, 25°C	IEC 60950-1	
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1M ohm, min. 1/4 W (three in series, located after fuse)	IEC 60950-1	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2A, Min 500V.	IEC 60950-1	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	10-150 µF, Max. 450 V, 105 °C	IEC 60950-1	--
Line Choke (L901) (optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	--
	TPV	73G174-192-V	105°C	IEC 60950-1	--
	ASET	73G174-192-X	105°C	IEC 60950-1	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	TaiCheng	73G174-192-S	105°C	IEC 60950-1	--
	Litai	73G174-192-L	105°C	IEC 60950-1	--
	Darfon	73G174-192-DN	105°C	IEC 60950-1	--
	YUVA	73G174-192-N	105°C	IEC 60950-1	--
Transformer (T901) (Alt.)	Li Tai	380GL19P533L	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio 3M	35661\$ 44(a)	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T901) (Used when T902 was not connected) (Alt.)	YUVA	380GL19P533N	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio 3M	35661\$ 44(a)	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T901) (Used when T902 was not connected) (Alt.)	TPV	S80GL19P533V	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	Symbio SYMBIO	35661\$ WF	130°C	UL 510	UL
Insulation Tape	Jingjiang Symbio	CT(c) 35660Y*(%)	130°C	UL 510	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	Channelon	380GL19P535H	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T902) (Used when T901 was not connected) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix B (Modelo/Model: G2460PF, 240LM00010, G2460VQ6, 240LM00016)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60 Hz, 1.5 A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 22: 2008, CISPR 32: 2012 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3 : 2006+A1:2007+A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel for constructions I, II, III, IV and VI	AUO	M240HW** (*can be 0~9, A~Z, blank for marking purpose)	24" TFT with LED backlight; Declared power consumption: 20.2W	--	Tested in equipment
	CHI MEI	M236H*** (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 19.8W	--	Tested in equipment
	IVO	M236MWF* (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 17.7W	--	Tested in equipment
	BOE	HM236W*** (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 18.6W	--	Tested in equipment
	TPV	TPM236** (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 19.4W	--	Tested in equipment
	CHI MEI	M236H*** (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight; Declared power consumption: 18.9W	--	Tested in equipment
	AUO	M240HTN** (*can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 17.55W; Declared backlight voltage: max. 32.4Vdc	--	Tested in equipment
	AUO	M240HVN** (*can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 20.62W; Declared backlight voltage: max. 46.2Vdc	--	Tested in equipment
	TPV	TPM240*** (*can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 16.65W; Declared backlight voltage: max. 49Vdc	--	Tested in equipment
	SAMSUNG	LTM240CL** (*can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, power consumption: 19.48W; Declared backlight voltage: max. 43.7Vdc	--	Tested in equipment
	LG Display	LM240WU* (*can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 16.06W; Declared backlight voltage: max. 42.9Vdc	--	Tested in equipment
	INNOLUX	M236H** (*can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight, declared power consumption: 18.012W; Declared backlight voltage: max. 46.2Vdc	--	Tested in equipment
	SAMSUNG	LTM240CT** (* can be 0~9, A~Z, blank for marking purpose)	24.0" TFT with LED backlight, declared power consumption: 19.48W; Declared backlight voltage: max. 43.7Vdc	--	Tested in equipment
	BOE	HR236WU* (* can be 0~9, A~Z, blank for marking purpose)	23.6" TFT with LED backlight, declared power consumption: 20.2W; Declared backlight voltage: 57.6Vdc	--	Tested in equipment
Plastic Enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670F, NH-1017T, NH-1017(+), BF-0677(+), HS-7000RA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E115797)
	Grand	D-150, D-1000	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E88637)
	Chi Mei	PA-757(+), PH-88	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E196075)
	BASF	GP-35, GP-22, 495F	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41871)
	Bayer	FR2000, FR3005	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E41613)
	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GN-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750, GN-5001RF, GN-5001RFT, GN-5008HF	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E67171)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Teijin	TN-7500, TN-7500F(#), MN-3600H, MN-3600HA	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E98529, E244324)
	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E345434)
	STYRON	STYRON A-TECH 1400	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E73656)
	KingFa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(HG6), CK-100, RD-900	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E171666)
	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 60°C, thickness 2.0mm min.	UL 94	UL (E230779)
Metal Enclosure	--	--	Metallic, thickness 0.61 mm min.	--	--
Metal Enclosure under supply board at horizontal position	---	--	Metal, thickness 0.81 mm min.	--	--
Metal Enclosure under supply board at vertical position	---	--	Metal, thickness 0.81mm min.	--	--
PCB	--	--	V-1 or better Min. 105°C	UL 94, UL 796	UL
Stand base	--	--	HB or better, total weight: 2.27 kg	UL 94	UL
Speaker (2 sets)(optional)	--	--	Max. 8Ω, max. 4.5W	--	--
Negative ion generator (optional)	Dong Guan Fu Fong	FIO-DC5V	I/P : 5.0 Vdc, 0.3W, 40mA O/P: -4±0.5 kVdc (at 5 Vdc)	--	--
-Transformer (T1)	Dong Guan Fu Fong	OSC-1712	105°C	--	--
- Enclosure	CHI MEI CORPORATI ON	PA-765A(+)	V-1 min, thickness 1.5 mm min.	UL 94	UL (E56070)
Negative ion generator (optional)	SHENZHEN SUNYOU	F5BS-GJ1	I/P : 4.0-6.0 Vdc O/P: -4±0.5 kVdc (at 5 Vdc)	--	--
-Transformer (T1)	SHENZHEN SUNYOU	EE16	105°C	--	--
- Enclosure	NAN YA PLASTICS CORP PLASTICS 4TH DIV	1403G6	V-0 min, thickness 0.75 mm min.	UL 94	UL (E130155)
Switching Power Supply Board 715G5361 type A:					
Appliance Inlet (CN901)	Solteam	ST-01	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40015691 UL E200241
	Zhang Jia Gang-Hua Jie	SA-4S, SB-4S-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40003610 UL E154342
	Rong Feng	SS-120, SS-7B	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40028101, UL E102641
	Delikang	CDJ-3	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40010513 UL E217394
	Delikang	CDJ-3-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40015913 UL E217394
	Inalways	0707-1	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010083 A1, UL E94191
	Inalways	0711-2	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010084 A1, UL E94191
	Inalways	0714	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	SGS (ENEC): ENEC 2010085 A1 UL E94191
	TECX	TU-301 series	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40025582 UL E220004
	Yueqing Hongchang	DB-14	10A/250Vac	IEC/EN 60320-1, UL 498, UL60320-1	VDE 40028645 UL E327347
Fuse (F901 in primary)	Conquer	MET	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017157, UL E82636
	Conquer	MST	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017118, UL E82636
	Conquer	PTU	T4A, 250 Vac	IEC/EN 60127-1,	VDE 40001462,

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

				IEC/EN 60127-3, UL 248-1, UL 248-14	UL E82636
	Littelfuse	382	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 400018249 UL E67006
	Littelfuse	392	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 126983 UL E67006
	Cooper Bussmann	SR-5 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE122052 UL E19180
	Cooper Bussmann	SS-5 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40015513 UL E19180
	Ever Island Electric Co., Ltd. and Walter Electric	2000 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018790 UL E220181
	Ever Island Electric Co., Ltd. and Walter Electric	2010 Series	T4A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018781 UL E220181
Fuse (F902, F904) (secondary for LPS) (F904 is optional)	Conquer	MET	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017155 UL E82636
	Conquer	MST	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40017118 UL E82636
	Conquer	PTU	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40001462 UL E82636
	Littelfuse	382	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018250 UL E67006
	Littelfuse	392	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 126983 UL E67006
	Cooper Bussmann	SR-5 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40020046, UL E19180
	Cooper Bussmann	SS-5 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40015513 UL E19180
	Ever Island Electric Co., Ltd. and Walter Electric	2000 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018790 UL E220181
	Ever Island Electric Co., Ltd. and Walter Electric	2010 Series	T5A, 250 Vac	IEC/EN 60127-1, IEC/EN 60127-3, UL 248-1, UL 248-14	VDE 40018781 UL E220181
Y- Capacitor (C902, C903, C941) (optional) (Y1 or Y2 type)	Walsin	AH	Max. 4700pF, min. 250Vac, min. 85 °C., Y1	IEC 60384-14, UL 60384-14	VDE 40001804 UL E146544
	Walsin	AC	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40001829 UL E146544
	Samwha Capacitor Co.,Ltd.	SD	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE 40015804 UL E97754
	Haohua	CT7	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 40013601 UL E233106
	TDK-EPC	CD	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE 40029780 UL E37861
	TDK-EPC	CS	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40029781 UL E37861
	Murata	KX	Max. 4700pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE, 40002831, UL E37921
	Murata	KH	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40002796 UL E37921
	Guangdong South Hongming Electronic	F	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40036246, UL E154899
	SUCCESS	SE	Max. 4700pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE 40008996 UL E114280
	KUNSHAN WANSHEG ELECTRONI CS CO LTD	CT7	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40012143 UL E249006
	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 4700pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 135256 UL E145038
	Rong Feng	RF-1003	10A, 250Vac	IEC/EN 61058-1,	VDE 40030309,



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Power switch (optional)	Solteam Electronics Co Ltd	Series MR-21	6A, 250Vac	UL 61058-1 IEC/EN 61058-1, UL 61058-1	UL (E94138) SGS (ENEC 2009053), UL (E148157)
	Solteam Electronics Co Ltd	OR-L series	6A, 250Vac	IEC/EN 61058-1, UL 61058-1	SGS (ENEC 2014027), UL (E148157)
	Zhangjiagang Huajie Electronic Co., Ltd.	PS8	10A, 125V AC 6(4)A 250V AC	IEC/EN 61058-1, UL 61058-1	VDE 40027662, UL (E151790)
	Chily	3024	16A, 250Vac	IEC/EN 61058-1, UL61058-1	SGS (ENEC 2010034 A1), UL (E68037)
X- Capacitor (C908) (X1 or X2 type) (optional)	Ultra Tech Xiphi Enterprise Co., Ltd.	HQX	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40024534) UL (E183780)
	Xiamen Faratronic Co., Ltd.	MKP62	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40000358) UL (E186600)
	Hua Jung Components Co., Ltd.	MKP	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	Intertek (ENEC): 0252-5B UL (E149075)
	Europtronic	MPX	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40018238) UL (E211347)
	Europtronic	MPX2	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40025981) UL (E211347)
	Liow Gu Electronics Industry Co., Ltd.	GS-L	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40023391) UL (E186321)
	ARCOTRONI CS	R.46	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	IMQ (ENEC): DAT97000141 UL (E97797)
	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40026078) UL (E327138)
	Epcos Electronic Components S A	B3292#	Max. 0.47 µF, Min. 250 Vac, min. 85 °C, X2	IEC 60384-14, UL 60384-14	VDE (40005524) UL (E97863)
Thermistor (NR901)	--	--	Min. 3Ω, Min. 2A, 25°C	--	--
Bleeder Resistor (R900, R901, R902)	--	SMD type	Three in series after fuse, each rated max. 680K ohm, min. 1/4W	--	--
Bridging Diode (BD901)	--	--	Min. 600 V, min. 2A	--	--
Ripple Capacitor (C907)	--	--	100 µ F-150 µ F, min. 450V, 105°C	--	--
Transistor (Q901)	--	--	Min. 600 V, min. 3.8A	--	--
Line Choke (L901) (optional)	Dadon	73L174-26-H	105°C	--	--
	TDK	73L174-26-T	105°C	--	--
	LI SHIN	73L174-26-LS	105°C	--	--
	TPV	73L174-26-V	105°C	--	--
Bobbin of line choke	Chang Chun	T375J, T-357	Phenolic, V-0, 150°C	UL94	UL
	Sumitomo	PM-9820, PM-8375	Phenolic, V-0, 150°C	UL94	UL
	E I DUPONT DE NEMOURS & CO INC	FR-530L	130°C	UL94	UL
Y- Capacitor (C937, C938) (optional) (Y1 or Y2 type)	Walsin	AH	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40001804) UL (E146544)
	Walsin	AC	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE (40001829) UL (E146544)
	Samwha Capacitor Co.,Ltd.	SD	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40015804) UL (E97754)
	Haohua	CT7	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE (40013601) UL (E233106)
	TDK-EPC	CD	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE (40029780) UL (E37861)
	TDK-EPC	CS	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE (40029781) UL (E37861)
	Murata	KX	Max. 1000pF, min. 250Vac, min. 85 °C, Y1	IEC 60384-14, UL 60384-14	VDE, 40002831, UL E37921
	Murata	KH	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40002796 UL E37921
	Guangdong South Hongming Electronic	F	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE 40036246, UL E154899
	SUCCESS	SE	Max. 1000pF, min. 250Vac, min. 85 °C, Y2	IEC 60384-14, UL 60384-14	VDE, 40008996 UL E114280
	KUNSHAN WANSHEG	CT7	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 40012143 UL E249006



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	ELECTRONICS CO LTD				
	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 1000pF, min. 250Vac, min. 85 °C, Y1 or Y2	IEC 60384-14, UL 60384-14	VDE, 135256 UL E145038
Current sense Resistor (R924)	--	--	Min. 0.3 ohm, 2W	--	--
Photo Coupler (IC902)	Sharp	PC123	Dti = 0.7 mm, Int. cr = 5.0 mm, Ext. cr = 8.0 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40008087, UL E64380
	Vishay Semiconduct or	TCET1103	Dti = 0.6 mm, Int. cr = 4.7 mm, Ext. cr = 8.4 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40028080 UL E76222
	Everlight Electronics Co., Ltd.	EL8X7 (X=1 or 2)	Dti = 0.5 mm, Int. cr = 6.0 mm, Ext. cr = 7.7 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	SGS (FI 27474 A1), UL E214129
	Lite-On	LTV-817	Dti = 0.4 mm, Int. cr = 4.0 mm, Ext. cr = 8.0 mm, 3000 Vac, 100 °C	DIN EN 60747-5-2, UL1577	VDE 40015248 UL E113898
	TOSHIBA	TLP421F	Dti = 0.4 mm, Int. cr = thermal cycling test, Ext. cr = 8.0 mm, 3000 Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40010944 UL E67349
	Toshiba	TLP781, TLP781F	Dti = 0.4 mm, Int. cr = thermal cycling test, Ext. cr = 8.0 mm, 3000 Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40021173 UL E67349
	RENESAS	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di = 0.4mm, int. cr = thermal cycling 3. ext. cr = 8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE 40008862 UL E72422
Transformer (T901)	TPV	80GL22T-3-V 80TL22T-3-V	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-8375	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	JINGJIANG YAHUA	No.WF(c)	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	NO.CT(c)	130°C	UL510	UL
Transformer (T901)	YUVA	80GL22T-3-N 80TL22T-3-N	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL
	3M	NO.44(a)	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	NO.CT(c)	130°C	UL510	UL
	SYMBIO INC	NO.35660Y**%	130°C	UL510	UL
Transformer (T901)	Li Tai	80GL22T-3-L 80TL22T-3-L	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL
-Insulation tape	SYMBIO INC	NO.35660Y* d	130°C	UL510	UL
	SYMBIO INC	NO.35661\$	130°C	UL510	UL
Transformer (T901)	Dadon / Jiangsu Channelon	80GL22T-3-H 80TL22T-3-H	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	SYMBIO INC	NO.35661\$	130°C	UL510	UL
-Insulation tape	SYMBIO INC	No.35660Y* (%)	130°C	UL510	UL
	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T901)	TaiChang	80GL22T-3-S 80TL22T-3-S	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
-Margin tape	JINGJIANG YAHUA	WF	130°C	UL510	UL
	JINGJIANG YAHUA	WF310	130°C	UL510	UL
-Insulation tape	JINGJIANG YAHUA	1350F-1	130°C	UL510	UL
	JINGJIANG YAHUA	JY25-A	130°C	UL510	UL
Power Supply with LED driver board, type No. 715G4497 by TPV					
AC-Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250 V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S SA-4S-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	DELIKANG/ Douling	CDJ-3, CDJ-3-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Fuse (F901)	TECX	TU-301-AP, TU-301-S, TU-301-SP, TU-301-A	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	Yueqing Hongchang	DB-14	10A, 250V, 70°C	IEC/ EN 60320-1, UL498	VDE, UL
	TECX	TU-301 series	10A, 250V, 70°C	IEC/ EN 60320-1	VDE
	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C900, C902, C903) (Y1 or Y2 type) (optional)	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Yinan Don	CT81	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Success	SE, SB	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
X-Capacitor (C908) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Hua Jung	MKP	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC (Semko), UL
	Faratronic	MKP62	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Euoptronic	MPX	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Euoptronic	MPX2	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC(IMQ), UL
	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.33µF, min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko, Nemko
	Vishay Semiconductor	TCET1103	Di=0.6mm, int.cr=4.7mm, ext.cr=8.4mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko
	Everlight Electronics Co., Ltd.	EL817	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko, Nemko
	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko
	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL
	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Fimko, Nemko
	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, min. 3000Vac, 100°C	DIN/EN 60747-5-2, IEC/EN 60950-1, UL 1577	VDE, UL, Semko, Fimko
Bridging Diode (BD901)	interchangeable	interchangeable	Min. 2.0A, min. 600Vac	--	--
Ripple Capacitor (C907)	interchangeable	interchangeable	20-180µF, min. 450 V, min. 105 °C	--	--
Transistor (Q901)	interchangeable	interchangeable	Min. 600V, min. 2.0A	--	--
Thermistors (NR901) (Optional)	interchangeable	interchangeable	Min. 3Ω, Max. 5 A at 25 °C	--	--
Current sensor resistor (R924)	interchangeable	DIP type	0.47Ω, 2 W	--	--
Bleeding resistors (R900, R901, R902)	interchangeable	interchangeable	0.91MΩ, Min.1/8W	--	--
Line Choke (L901) (optional)	Dadon	73G174-65-H	105°C	--	Tested in equipment
	ASET	73G174-65-X	105°C	--	Tested in equipment
	Litai	73G174-65-L	105°C	--	Tested in equipment
	TPV	73G174-65-V	105°C	--	Tested in equipment
	Taichang	73G174-65-S	105°C	--	Tested in equipment
	YUVA	73G174-65-N	105°C	--	Tested in equipment
	DARFON	73G174-65- DN	105°C	--	Tested in equipment
	TDK	73G174-65-T	105°C	--	Tested in equipment
Transformer (T901) (Alt.)	TPV	80GL22T-3-V	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-8375	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
Transformer (T901) (Alt.)	YUVA	80GL22T-3-N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Chang Chun	T375J	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
	3M	44(a)	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
Transformer (T901) (Alt.)	DADON	80GL22T-3-H	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
	SYMBIO INC	35660Y*(%)	130°C	UL510	UL
Transformer (T901) (Alt.)	TAICHANG	80GL22T-3-S	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
Margin tape	JINGJIANG JINGYI	WF310	130°C	UL510	UL
	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
Insulation tape	JINGJIANG JINGYI	25-A	130°C	UL510	UL
	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
Transformer (T901) (Alt.)	CHENPING	80GL22T-3-CP	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820, PM-9630	Phenolic, V-0, 150°C	UL94	UL
Margin tape	SYMBIO INC	35661\$	130°C	UL510	UL
	JINGJIANG YAHUA	WF(c)	130°C	UL510	UL
Insulation tape	JINGJIANG YAHUA	CT(c)	130°C	UL510	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix C (Modelo/Model: 215LM00041, *2270***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: AC 100-240V, 50/60Hz; 1.5A, Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013, CISPR 22:2008 (modified) Class B, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3 : 2013, IEC 61000-4-2: 2008, IEC 61000-4-3: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2005, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel for 21.5" model	TPV	TPM215HW**.* (*can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption is 19.35W and backlight input voltage is 41.6V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HTN** (*can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption is 15.54W and backlight input voltage is 38.4V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**.* (*can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption is 16.97W and backlight input voltage is 34.65V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215WF*.* (*can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption is 16.3W and backlight input voltage is 51.2V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215WF*.* (*can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption is 14.35W and backlight input voltage is 45.0V in specification.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HR215WU*.* (* can be 0-9, A-Z, a-z for marketing purpose)	21.5 inch TFT type, with LED back light, power consumption: 24.87W; LED Array Voltage: 41.6V.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HM215WU*.* (* can be 0-9, A-Z, a-z for marketing purpose)	21.5 inch TFT type, with LED back light, power consumption: 17.19W; LED Array Voltage: 51.2V.	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215HT** (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 15.82W; LED Array Voltage: 52.8V	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HW** (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 17W; LED Array Voltage: 52.8V.	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI	M215H*-L** (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 12.55W; LED Array Voltage: 41.V.	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215WF* (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 16.0W; LED Array Voltage: 57.6V.	IEC 60950-1	Tested in equipment
(Alternative)	CPT	CLAA215FA** (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 14.6W; LED Array Voltage: 41.6V.	IEC 60950-1	Tested in equipment
(Alternative)	BOE	HT215F**.* (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 16.56W; LED Array Voltage: 54.4V.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	T215HVN**** (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 16.55W; LED Array Voltage: 54.4V.	IEC 60950-1	Tested in equipment



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	TPV	TPM215WF* (* can be 0-9, A-Z and blank, for marketing purpose only)	21.5 inch TFT type, with LED back light, power consumption: 14.9W; LED Array Voltage: 31.5V.	IEC 60950-1	Tested in equipment
Plastic enclosure	SAMSUNG SDI CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), GC-0750(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670(+), NH-1017(p), BF-0677(+), HS-7000(+), HG-0760(+), HR-1360(+)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Grand	D-150, D-1000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	LG	HF-350, HF-380, AF312T1, AF342T, GN-5001TF(#), GN-5001RFD, GP-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750, GN-5001RF(T)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Chi Mei	PA-757(+), PH-88	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	King Fa	5197, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(HG6), CK-100	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Bayer	FR3005	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Teijin	TN-7500(v), TN-7500F(#), MN-3600H(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	HIPS-2000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
Metal enclosure for all types	Interchangeable	Interchangeable	Metal thickness: min. 0.5mm	--	Tested in equipment
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Power supply board: 715G6503 type A					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
Y- Capacitor (C902 and C903, Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CD	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KX	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Success	SE, SB	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Rong guang da	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	IEC 60950-1	Tested in equipment
Bleeder Resistor (R907, R908, R909)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	IEC 60950-1	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	IEC 60950-1	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150µF, max. 400V, 105°C	IEC 60950-1	Tested in equipment
Line Choke (L901) (Optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Prosperity Dielectrics	73G174-192-F	105°C	IEC 60950-1	Tested in equipment
(Alternative)	ASET	73G174-192-X	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Taichang	73G174-192-S	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Litai	73G174-192-L	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Darfon	73G174-192-DN	105°C	IEC 60950-1	Tested in equipment



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	YUVA	73G174-192-N	105°C	IEC 60950-1	Tested in equipment
Transformer (T902) (Alt.)	Channelon	380GL19P535H00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Furukawa	TEX-E	Max.130°C	IEC/EN 60950-1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
Power supply board: 715G6503 type B					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac, 70°C, C14 type	IEC/ EN 60320-1, ANSI/UL 498, CAN/CSA-C22.2 No. 60320-1 (2011)	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Wickmann	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Cooper Bussmann	SR-5 series, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
(Alternative)	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14, CSA-C22.2 No. 248-1-00, CSA-C22.2 No. 248-14-00	VDE, UL
Y- Capacitor (C902 and C903, Y1 or Y2 type) (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Samwha	SD	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384- 14, CAN/CSA- E60384-14 (2009)	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
Y- Capacitor (C913) (Y1 type) (optional)	Walsin	AH	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Haohua	CT7	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	TDK	CD	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Murata	KX	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Success	SE, SB	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Hongming	F	Max. 0.47µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA- E60384-14 (2009)	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Hua Jung	MKP	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Rong guang da	MKP	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Eurotronic	MPX, MPX2	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22μF, 250Vac, 85°C	IEC/ EN 60384-14, ANSI/UL 60384-14, CAN/CSA-E60384-14 (2009)	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	IEC 60950-1	Tested in equipment
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1MΩ, min. 1/4W	IEC 60950-1	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	IEC 60950-1	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150μF, max. 400V, 105°C	IEC 60950-1	Tested in equipment
Line Choke (L901) (Optional)	Dadon	73G174-192-H	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Prosperity Dielectrics	73G174-192-F	105°C	IEC 60950-1	Tested in equipment
(Alternative)	ASET	73G174-192-X	105°C	IEC 60950-1	Tested in equipment
(Alternative)	TaiCheng	73G174-192-S	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Litai	73G174-192-L	105°C	IEC 60950-1	Tested in equipment
(Alternative)	Darfon	73G174-192-DN	105°C	IEC 60950-1	Tested in equipment
(Alternative)	YUVA	73G174-192-N	105°C	IEC 60950-1	Tested in equipment
Transformer (T901) (Alt.)	LFDJ	380GL19P533J00	Class B	IEC 60950-1	Tested in equipment



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
(Alternative)	Chang Chun Plastics Co., Ltd.	T357HF	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	JINGJIANG YAHUA	No.WF	130°C	UL 510	UL
(Alternative)	3M COMPANY	44(a)	130°C	UL 510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Transformer (T901) (Alt.)	YUVA	380GL19P533N00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	SYMBIO INC	No.35661\$	130°C	UL510	UL
(Alternative)	3M COMPANY	44(a)	130°C	UL510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Transformer (T901) (Alt.)	TPV	S80GL19P533V00	Class B	IEC 60950-1	Tested in equipment
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Margin tape	SYMBIO INC	No.35661\$	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.WF	130°C	UL510	UL
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	SYMBIO INC	35660Y(e)	130°C	UL 510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL 510	UL
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884- 1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix D (Modelo/Model: 185LM000)**

CARACTERÍSTICAS NOMINAIS / RATINGS: 100-240Vac, 50/60 Hz, 1.5 A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32 : 2012, CISPR 24: 2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel for 18.5 inch model	TPV	TPM185B*.****** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.4W and backlight input voltage is 35.2V in specification.	IEC 60950-1	Tested in equipment
	AUO	M185XW** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 10.2W and backlight input voltage is 36V in specification.	IEC 60950-1	Tested in equipment
	AUO	M185XTN** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 7.8W and backlight input voltage is 25.2V in specification.	IEC 60950-1	Tested in equipment
	BOE	HM185WX*.**** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 10.68W and backlight input voltage is 32V in specification.	IEC 60950-1	Tested in equipment
	CHIMEI INNOLUX	M185B**.**** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.11W and backlight input voltage is 27.2V in specification.	IEC 60950-1	Tested in equipment
	L&T	LM185WH*.**** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 12.8W and backlight input voltage is 51.2V in specification.	IEC 60950-1	Tested in equipment
	SAMSUNG	LTM185AT** (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.9W and backlight input voltage is 35.2V in specification.	IEC 60950-1	Tested in equipment
	TPV	TPM185WH* (*can be 0-9, A-Z or blank)	18.5 inch panel with LED backlight The declared power consumption is 11.8W and backlight input voltage is 38.5V in specification.	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH- 1000T(+)(&), GC-0700(+++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE- 1890(+), BF-0675(+), BF- 0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF- 0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, 2.0mm thickness min. 60°C	UL 94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	HUIZHOU WOTE	2100	HB or better, 2.0mm thickness min. 60°C	UL 94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN- 3600H(#)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	STYRON	STYRON A-TECH 1200	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	DOOSAN CORPORATION ELECTRO- MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
	CHI LIN TECHNOLOGY CO LTD	GA-1(aaa), GA-1535	HB or better, 2.0mm thickness min. 60°C	UL 94	UL
Metal enclosure (except part under power board)	Interchangeable	Interchangeable	Metallic, thickness 0.6 mm min.	--	--
Metal enclosure (under power board)	Interchangeable	Interchangeable	Metallic, thickness 0.6 mm min.	--	--
Base stand (optional)	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Power supply board: 715G5527					
AC-Inlet (CN901)	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S, SA-4S-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-3, CDJ-3-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	ST-01	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	VDE: SC04 UL: SC04-1BWW, SC04- 2BTT	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Yueqing Hongchang Radio Co., Ltd	DB-14	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc.	677 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Fuse (F902) (optional)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Littelfuse, Inc.	677 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin Technology Corp.	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	TDK Corporation	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Murata Mfg. Co., Ltd.	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Haohua Electronic Co	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Samwha Capacitor Co., Ltd.	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Success Electronics Co., Ltd.	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
X-Capacitor (X1 or X2 type) (C904) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Eurotronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	ENEC(IMQ), UL
	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
	Nanjing Tengen Rongguangda Electronics (Group) Co., Ltd.	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384- 14, UL 1414	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr= thermal cycling , ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5- 2, UL1577	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int. cr= thermal cycling, ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0m, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	Renesas	PS2561-1, PS2561L-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	TOSHIBA	TLP781F TLP781	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	TOSHIBA	TLP421F	Di=0.4mm, int.cr=thermal cycling, ext.cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
	VISHAY Semiconductor GmbH	TCET1103-3034	Di=Min. 0.4mm, int. cr=thermal cycling , ext. cr=8.0mm, 3000Vac, 100°C	DIN EN 60747-5-2, UL1577	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R900, R901, R902)	Interchangeable	SMD type	Max. 1MΩ , min. 1/4W	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 μF, min. 450V, 105°C	--	--
Line Choke (L901) (optional)	Dadon	73G174- 65-H	105°C	--	--
	TPV	73G174- 65-V	105°C	--	--
	DARFON	73G174- 65-DN	105°C	--	--
	TaiChang	73G174- 65-S	105°C	--	--
	TDK	73G174- 65-T	105°C	--	--
	Litai	73G174- 65-L	105°C	--	--
	YUVA	73G174- 65-N	105°C	--	--
	ASET	73G174- 65-X	105°C	--	--
Transformer (T901) (Alt.)	YUVA	80GL19P-39-N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Margin Tape	SYMBIO INC	35661 (c), 35660 (a), 35660Y (e)	130°C	UL 510	UL
	3M	44 (a)	130°C	UL 510	UL
Insulation Tape	SYMBIO INC	35660Y (e)	130°C	UL 510	UL
	JINGJIANG YAHUA	CT	130°C	UL 510	UL
Transformer (T901) (Alt.)	TPV	80GL19P-39-V	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Margin Tape	SYMBIO INC	35661 (c), 35660 (a), 35660Y (e)	130°C	UL 510	UL
Insulation tape	JINGJIANG YAHUA	35660Y (e)	130°C	UL 510	UL
Transformer (T901) (Alt.)	TAICHANG	80GL19P-39-S	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL 94	UL
Margin tape	JINGJIANG YAHUA	WF* (c)(h)	130°C	UL 510	UL
Insulation Tape	JINGJIANG YAHUA	CT	130°C	UL 510	UL
Power supply board: 715G6503					
AC-Inlet (CN901)	Zhang Jia Gang Hua Jie Electronics Co., Ltd.	SA-4S, SA-4S-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Shenzhen Delikang Electronics Technology Co. Ltd.	CDJ-3, CDJ-3-1	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	ST-01	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co. Ltd.	VDE: SC04 UL: SC04-1BWW, SC04-2BTT	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
	Yueqing Hongchang Radio Co., Ltd	DB-14	10A, 250 V	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901 in primary)	Conquer Electronics Co., Ltd.	MET series, MST, PTU	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc.	677 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc./ LITTELFUSE WICKMANN WERKE	392, 382-series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann LLC	SR-5, SS-5 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 series	T2.5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C903) (Y1 or Y2 type) (optional)	Walsin Technology Corp.	AC, AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	TDK Corporation	CS, CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Murata Mfg. Co., Ltd.	KH, KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Haohua Electronic Co	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Samwha Capacitor Co., Ltd.	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Success Electronics Co., Ltd.	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Y- Capacitor (C902, C913) (Y1 type) (optional)	Walsin Technology Corp.	AH	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	TDK Corporation	CD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Murata Mfg. Co., Ltd.	KX	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Haohua Electronic Co	CT7	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Samwha Capacitor Co., Ltd.	SD	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Success Electronics Co., Ltd.	SE, SB	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 4700pF, Min. 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
X-Capacitor (C901) (X1 or X2 type) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Europtronic	MPX, MPX2	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Liow Gu	GS-L	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Arcotronics	R.46	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	ENEC(IMQ), UL
	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	EPCOS	B3292#	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
	Nanjing Tengen Rongguangda Electronics (Group) Co., Ltd.	MKP	Max. 0.22µF, 250Vac, 85°C	IEC/EN 60384-14, UL 1414	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 0.2Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	Interchangeable	SMD type	Max. 1MΩ, min. 1/4W	--	--
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.600V, min.2A	--	--
Ripple Capacitor (C907)	Interchangeable	Interchangeable	45-150 µF, min. 400V, 105°C	--	--
Line Choke (L901) (optional)	Dadon	73G174-192-H	105°C	--	--
	Prosperity Dielectrics	73G174-192-F	105°C	--	--
	ASET	73G174-192-X	105°C	--	--
	TaiChang	73G174-192-S	105°C	--	--
	Litai	73G174-192-L	105°C	--	--
	Darfon	73G174-192-DN	105°C	--	--
Transformer (T902) (Alt.)	YUVA	73G174-192-N	105°C	--	--
	Channelon	380GL19P535H00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang	CT	130°C	UL 510	UL
	Symbio	35660Y (e)			
Transformer (T902) (Alt.)	YUVA	380GL19P535N00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang	CT	130°C	UL 510	UL
	Symbio	35660Y (e)			



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer (T902) (Alt.)	TPV	S80GL19P535V00	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Furukawa	TEX-E	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL
Insulation Tape	Jingjiang	CT	130°C	UL 510	UL
	Symbio	35660Y (e)			
Power Cord Set	Various	Various	---	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix E (Modelo/Model: 22B1, 22B1H, 22***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 19VDC, 1.31A Class III; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32 : 2015, CISPR 24:2010/A1:2015, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006+A1: 2007+A2: 2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 9.3W; LED array voltage: 31V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	M215H***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	SAMSUNG SDI CO LTD (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(+++), GC-1017(+), GC-0750(+), VE-1890(+), TN-1100(+), BF-0675(+), BF-0670(+), NH-1017SG(+), NH-1017(p), BF-0677(+), HS-7000(+), HG-0760(+), HR-1360(+)	HB or better, min. 1.6mm thickness	UL 94	UL E115797
(Alternative)	Grand	D-150, D-1000, D-1000A	HB or better, min. 1.6mm thickness	UL 94	UL E88637
(Alternative)	LG	HF350(#), HF-380(#), AF312T1, AF342T1, AF342(#), LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), SE750(#), XG568(#), XG569(#), GP-1000F(#), LUPOY GN-5001RF(T)	HB or better, min. 1.6mm thickness	UL 94	UL E67171
(Alternative)	Chi Mei	PA-757(+), PA-756S, PH-88, PC-110	HB or better, min. 1.6mm thickness	UL 94	UL E56070



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	King Fa	5197, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, HIPS-510 (o), CK-55111	HB or better, min. 1.6mm thickness	UL 94	UL E171666
(Alternative)	ALBIS	GP-35, GP-22, 495F	HB or better, min. 1.6mm thickness	UL 94	UL E80168
(Alternative)	Bayer	FR3000 series, FR3005 series	HB or better, min. 1.6mm thickness	UL 94	UL E41613
(Alternative)	Teijin	TN-7500(c), TN-7500F(#), MN-3600H(#), MN-3600V(#)	HB or better, min. 1.6mm thickness	UL 94	UL E98529
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, min. 1.6mm thickness	UL 94	UL E162447
(Alternative)	Haier	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 1.6mm thickness	UL 94	UL E230779
(Alternative)	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 1.6mm thickness	UL 94	UL E345434
(Alternative)	ORINKO	ABS-3070H	HB or better, min. 1.6mm thickness	UL 94	UL E328304
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y), YOUHO-1303B	HB or better, min. 1.6mm thickness	UL 94	UL E471190
(Alternative)	UNIC	UR-3006+	HB or better, min. 1.6mm thickness	UL 94	UL E471190
(Alternative)	SABIC	C6600	HB or better, min. 1.6mm thickness	UL 94	UL E207780
(Alternative)	WISTRON	GA35	HB or better, min. 1.6mm thickness	UL 94	UL E359575
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 1.6mm thickness	UL 94	UL E310240
(Alternative)	FORMOSA IDEMITSU PETROCHEMICAL CORP	#1900+(f2)	HB or better, min. 1.6mm thickness	UL 94	UL E238753
(Alternative)	Interchangeable	Interchangeable	HB or better, min. 1.6mm thickness	UL 94	UL
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL E108591
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
AC/DC Adapter	TPV Electronics (Fujian) Co., Ltd.	ADPC1925EX	I/P: 100-240Vac, max. 1.3A, 50-60Hz; O/P: DC 19V, 1.31A, 40 °C, 5000m Comply with LPS	IEC 60950-1:2005+A1+A2; EN 60950-1:2006+A11+A1+A12+A2	NEMKO CB (Certif. No. NO83042)
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix F (Modelo/Model: 24B1, 24B1H, 24B1XHM, 24***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:

I/P: 19VDC, 1.31 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, IEC 61000-3-3:2013+AMD1:2017, IEC 61000-4-2: 2008, IEC 61000-4-3:2020, IEC 61000-4-4: 2012, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM236*****(* can be A to Z, a to z, 0 to 9, '-', ' ', ' ' sign absence or blank)	23.6 inch TFT LCD (power consumption: 15.9 W; LED array voltage: 57.8V)	IEC/EN 60950-1	Tested in equipment
	L&T	LM238*****(* can be A to Z, a to z, 0 to 9, '-', ' ', ' ' sign absence or blank)	23.8 inch TFT type, with LED back light, power consumption: 12.1W; LED Array Voltage: 38.8V	IEC/EN 60950-1	Tested in equipment
	BOE	MV238*****(* can be A to Z, a to z, 0 to 9, '-', ' ', ' ' sign absence or blank)	23.8 inch TFT type, with LED back light, power consumption: 16.9W; LED Array Voltage: 51.5V	IEC/EN 60950-1	Tested in equipment
	LG Display	LM238*****(* can be A to Z, a to z, 0 to 9, '-', ' ', ' ' sign absence or blank)	23.8 inch TFT type, with LED back light, power consumption: 17.76W; LED Array Voltage: 58.9V	IEC/EN 60950-1	Tested in equipment
	TPV	TPM238*****(* can be A to Z, a to z, 0 to 9, '-', ' ', ' ' sign absence or blank)	23.8 inch TFT type, with LED back light, power consumption: 15.11W; LED Array Voltage: 52.7V	IEC/EN 60950-1	Tested in equipment
Base stand (optional)	Interchangeable	Interchangeable	Metal or HB better	UL 94:1996+ Rev. 2010 IEC 60695-11-10:2013(2nd Edition)	UL or other EU certification
Internal metal enclosure	Interchangeable	Interchangeable	Metal, thickness 0.50mm	IEC/EN 60950-1	None

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Plastic enclosure	LOTTE CHEMICAL CORPORATION	VH-0810(+), VE-1890(+), EN-1052(+), VH-0815(+), VH-0819(+), HM-1100(+), VE-0819F, NH-1017T, NH-1017SG(+), VE-0812(+), NH-1000T(+)(&), NE-1030(+), LS-1159(r), LS-1159SF, LS-1159F, NH-1036, GC-1017(RR30), SD-0150(+), BF-0677(+), BF-0675(+), BF-0670F, GC-0700(+++)(RR28), LX-0951(+), LX-0957(+), HG-0760(+), NH-1027HF, NH-1027(+), SD-0150T, GC-1036(RR35), SC-1220R, ABF-0200E, ABF-1030NH	HB or better, 1.6mm thickness min.	UL 94 IEC/EN 60950-1	UL (E115797) and test with appliance
	GRAND	D-1000A, D-150	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E88637) and test with appliance
	CHI MEI CORPORATION	PC-540A, PA-765A, PA-756S PA-757(+), PC-110(+)	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E56070) and test with appliance
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3005, GF9011 MF +(z), FR3050 +	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E41613) and test with appliance
	LG CHEM LTD	LUPOY GN-5001TF(#), LUPOY GN-5001RF(T), LUPOY GN-5008HF(#), LUPOY GN-2101F(m)(f1), XG568(#), XG569(#), GP-1000(m)(#), SE885(#), AF365(&), AF368(#), AF358	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E67171) and test with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	KINGFA	HF-606, HF-626, FRABS-518, JH960 6(M) (ccc) (##), FRHIPS-960, CK-572(M1) (##), FRABS-518C, 5197, RS-(hh)0, GAR-011C, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-55(M) (##), HP-126, CK-61(M) (##), HIPS-510 (o), HIPS-550	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E171666) and test with appliance
	HAIER	HRABS-RS, HRABS-HG	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E230779) and test with appliance
	HINGLONG	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E345434) and test with appliance
	ORINKO	HIPS-2230(N), ABS-3070H, HIPS-2000, ABS-340(X), ABS900F23	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E328304) and test with appliance
	WISTRON	GA(M)(b)(c), NC(N)(a), GA85	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E359575) and test with appliance
	UNIC	UR-3006+(RXX), UR-200+, UR-7085+(R90), UP-700+	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E135175) and test with appliance
	GUO HENG	YOUHO(####) (Y), YOUHO13(##)(YY), YOUHE26(##)	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E471190) and test with appliance
	WOTE	2100	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E310240) and test with appliance
	TEIJIN	TN-7500(c)	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E98529) and test with appliance
	TEIJIN	MN-3600H(#)	HB or better, min. 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E244324) and test with appliance
	SAMYANG	TRILOY:210NHF(@), 210NHF	HB or better, min. 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E121254) and test with appliance
	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	3441; 260-XX	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E314268) and test with appliance
	DOOSAN CORPORATION ELECTRO- MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E103670) and test with appliance
	SABIC	C6600	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E207780) and test with appliance
	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E205938) and test with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	CHI LIN	GA-1(aaa)	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E177071) and test with appliance
	FUHENG	HIPS-568, FH-101, FH-102	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E234833) and test with appliance
	QING DAO GON TECHNOLOGY CO.,LTD.	ABS21(xx)G-A, ABS2030A, ABS20(xx)B	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E330547) and test with appliance
	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AC2820-A	HB or better, 1.6mm thickness.	UL 94 IEC/EN 60950-1	UL (E162823) and test with appliance
	Chongqing Gengye New Materials Technology Co Ltd	Ecorex® RN - +(R #)	HB or better, 1.5mm thickness.	UL 94 IEC/EN 60950-1	UL (E514505) and test with appliance
	FORMOSA IDEMITSU PETROCHEMIC AL CORP	#1900+(f2)	0.36 to 1.8mm V-2; 1.9 to 6.0 mm HB	UL 94 IEC/EN 60950-1	UL E217670 and test with appliance
Power Adapter (for models 24*****)	TPV	ADPC1925EX	IP: 100-240 Vac, 50-60 Hz, 1.3A. OP: 19Vdc, 1.31A, LPS, 40°C, Class I, altitude operating: 5000 m	IEC 60950-1: 2005+A1	CB by Nemko (certificate no. NO83042)
Alt.	L&T	STK025-19131T	IP: 100-240 Vac, 50-60 Hz, 1.3A. OP: 19Vdc, 1.31A, 40°C, Class I, 5000m Comply with SELV and L.P.S.	IEC 60950- 1:2005+A1+A2	CB by TUV SUD (Certificate No. SG PSB-OF-03174)
PCB	Three Sun	SMS-1	V-0, 105°C min.	UL 796 IEC/EN 60950-1	UL E217670 and test with appliance
Alt.	Interchangeable	Interchangeable	V-1 or better Min. 105°C	UL 796:2016 IEC 60695-11- 10:2013(2nd Edition)	UL or other EU certification
Power Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix G (Modelo/Model: G2260VWQ6. 215LM00033)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 32: 2015, CISPR 24:2010, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3 : 2006+A1:2007+A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel for 21.5" model	L&T	BM215WF*.**** (* can be 0-9, A-Z or blank, the suffix cannot be T2BB)	21.5" panel with LED backlight The declared power consumption in specification is 17.3W.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215WF*-T2BB (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 16.3W.	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215WF***** (* can be 0-9, A-Z, "-" or blank, no technical difference)	21.5" panel with LED backlight The declared power consumption in specification is 14.95W.	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M215HW0* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.1W.	IEC 60950-1	Tested in equipment
(Alternative)	CHI MEI	M215H*.-*** (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.28W.	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM215HW0* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 15.5W.	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215WF* (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 16.2W.	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215HT** (* can be 0-9, A-Z or blank)	21.5" panel with LED backlight The declared power consumption in specification is 22.26W	IEC 60950-1	Tested in equipment
Plastic enclosure	Cheil	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+), GC-0700(+), GC-1017(+), VE-1890(+), TP-1100(+), BF-0675(+), BF-0670(+), HS-7000(+)	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Grand	D-150, D-1000	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	LG	HF-350, HF-380, AF-312T1, AF-342T1, GN-5001TF(#), GN-5001RFD, GP-5008A-F, SE750(#), XG-568, XG-569C, GP-1000L, SE-750	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Chi Mei	PA-757(+), PH-88	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	King Fa	5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, CK-100	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Basf	GP-35, GP-22, 495F	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Bayer	FR2000, FR3005	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Teijin	TN-7500(v), TN-7500F(#)	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	STYRON	STYRON A-TECH 1400	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
(Alternative)	Haier	HRABS-RS, HRABS-HG	HB or better, 2.2mm thickness min. 80°C	UL 94	UL
Base stand	Interchangeable	Interchangeable	HB or better	UL 94	UL
PCB	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Speaker (2 sets) (optional) (for 21.5 inch models only)	Interchangeable	Interchangeable	Max. 8Ω, max. 4.5 W	--	Tested in equipment
For Switching Power Supply with DC/DC converter board type: 715G4497					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1	VDE, UL
Fuse F901	Littelfuse	382, 392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Conquer	MET MST-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Walter	2000 series, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
Fuse F902 (sec. for LPS)	Littelfuse	382, 392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Conquer	MET MST-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
(Alternative)	Walter	2000 series, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3	VDE, UL
Y- Capacitor (C900, C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Yinan	CT81	Max. 4700pF, 250Vac, 85°C	IEC 60384-14	VDE, UL
X-Capacitor (C908) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	ENEC(Semko), UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.47µF, 250Vac, 85°C	IEC 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.=4.0mm, ext.=8.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, int.=4.7mm, ext.=8.4mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Everlight Electronics Co., Ltd.	EL817 EL1013	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Lite-on	LTV-817	Di=0.7mm, int.=4.7mm, ext.=8.4mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
(Alternative)	TOSHIBA	TLP421F, TLP781F, TLP781	Di>0.4mm, int.>4.0mm, ext.>7.0mm, 3000Vac, 100°C	IEC 60747-5-2	VDE, UL
Thermistor (NR901)	Interchangeable	Interchangeable	Max. 5A, min. 3Ω, 25°C	--	Tested in equipment
Bleeder Resistor (R900, R901, R902)	Interchangeable	Interchangeable	Max. 680KΩ, min. 1/8W	--	Tested in equipment
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min. 2.0A, 600Vac min.	--	Tested in equipment
Ripple Capacitor (C907)	Interchangeable	Interchangeable	100-180µF, min. 450V, 105°C	--	Tested in equipment
Transistor (Q901)	Interchangeable	Interchangeable	Min. 600V, min. 2.0A	--	Tested in equipment
Line Choke (L901) (optional)	Dadon	73G174-65-H	105°C	--	Tested in equipment
(Alternative)	TPV	73G174-65-V	105°C	--	Tested in equipment
(Alternative)	Taichang	73G174-65-S	105°C	--	--
(Alternative)	YUVA	73G174-65-N	105°C	--	--
(Alternative)	Yaxing	73G174-65-X			

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Darfon	73G174-65-DN			
Transformer (T901)	Dadon	80GL22T-3-H	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	YUVA	80GL22T-3-N	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	TPV	80GL22T-3-V	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
(Alternative)	CHENPING	80GL22T-3-CP	Class B	Applicable parts of IEC 60950-1 and according IEC 60085	Accepted by TÜV Rheinland
Cord Set	Various	Various	----	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix H (Modelo/Model: 315LM00019, AG322FCX)

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 20V d.c., 2.25 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2012 Class B, CISPR 24:2010, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPT320B*-****.* (* can be 0-9, A-Z, a-z, "-", or blank)	32 inch panel with LED backlight The declared power consumption is 47.35W and backlight input voltage is 50.4V in specification.	--	Tested in equipment
Alt.	TPV	TPT315B*-****.* (* can be 0-9, A-Z, a-z, "-", or blank for marketing purpose only)	31.5 inch panel with LED backlight The declared power consumption is 35.14W and backlight input voltage is 47.6V in specification.	--	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH- 1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH- 1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E115797)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E88637)
Alt.	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL(E56070)
Alt.	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E80168)
Alt.	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E41613)
Alt.	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529, E244324)
Alt.	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E345434)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E73656)
Alt.	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP- 1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF- 626, FRABS-518, GAR- 011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS- HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS- 122, GAR-322, GAR-332, GAR-220, H12, G360, CK- 55(M) (##), CK-58(M) (##), GAR- 011C, GAR-011(ww)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E230779)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E328304)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E310240)
Alt.	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR- 200+	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
Alt.	GUO HENG (DONGGUAN)	YOUHO(###)(Y)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
Alt.	HUIZHOU WOTE	2100	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN- 3600H(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E108538)
Alt.	STYRON	STYRON A-TECH 1200	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E162447)
Alt.	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E314268)
Alt.	DOOSAN CORPORATION ELECTRO- MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E103670)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E207780)
Alt.	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E205938)
Alt.	CHI LIN	GA-1(aaa), GA-1535	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E177071)
AC/DC Adapter	TPV Electronics (Fujian) Co., Ltd.	ADPC2045	I/P: 100-240Vac, 1.5A, 50-60Hz; O/P: DC 20V, 2.25A; 40 °C, 5000m Comply with LPS	IEC 60950- 1:2005 (Second Edition) + Am 1:2009 + Am 2:2013	TUV CB (Certif. No. JPTUV-064333)
Fuse F7001, F7002 (on main board 715G8722 for LPS)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Alt.	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884- 1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix I (Modelo/Model: 22P1, **22P1***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 12.42W; LED array voltage: 47.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	M215H***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Heat shrinkable tube used on metal pillar near C907	DONGGUAN SALIPT CO LTD	SALIPT S-901-600, SALIPT S-HPT-600	125°C, 600V, min. 0.4mm thickness	--	UL
Switching mode power supply board: 715G7300 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang- Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Littelfuse, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Eurotronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5 Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5 Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R931)	CAIZHI	MOF2WS	Min. 0.825 Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.825 Ω, 2W	--	--
Bridging Diode(BD901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor(C90 7)	KINGNICH	PW2W470MLT1236DLR V	50-150µF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	50-150µF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L901) (Optional)	ASET	73G-174-192-X	105°C	--	--
(Alternative)	DADON	73G-174-192-H	105°C	--	--
(Alternative)	TAICHANG	73G-174-192-S	105°C	--	--
(Alternative)	FRONTIER	73G-174-192-F	105°C	--	--
(Alternative)	LI TAI	73G-174-192-L	105°C	--	--
(Alternative)	YUVA	73G-174-192-N	105°C	--	--
(Alternative)	DARFON	73G-174-192-DN	105°C	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer (T902) (Alt.)	Channelon	380GL19P535H	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix J (Modelo/Model: 24P1, **24P1***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	AUO	M240UAN**** (*can be 0-9, A-Z, ". " or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.3W; LED array voltage: 43.5V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM240*** (*can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 16.9W; LED array voltage: 40.3V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM240**** (*can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.9W; LED array voltage: 41.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	MV240*** (*can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 15.6W; LED array voltage: 40.3V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM240***.***** (*can be 0-9, a-z, A-Z or blank for marketing purpose).	24 inch TFT LCD (power consumption: 16.65W; LED array voltage: 44.8V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM238***.***** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 12.1W; LED Array Voltage: 38.8V)	--	Tested in equipment
(Alternative)	BOE	MV238***.*** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 16.9W; LED Array Voltage: 51.5V)	--	Tested in equipment
(Alternative)	LG Display	LM238WF*.***** (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 17.76W; LED Array Voltage: 58.9V)	--	Tested in equipment
(Alternative)	TPV	TPM238WF* (* can be 0-9, A-Z or blank for marketing purpose only)	23.8 inch TFT LCD (power consumption: 15.11W; LED Array Voltage: 52.7V)	--	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)(Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON A-TECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Switching mode power supply board: 715G7610 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Primary Switch (SW901) (Optional)	Rong Feng Industrial Co., Ltd.	RF-1003	VDE: 10(4)A, 250Vac UL: 10A, 250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21 series	ENEC: 6A, 250Vac UL:10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21S	ENEC: 6A, 250Vac UL:10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	OR-L series, OR-P series	ENEC: 6A, 250Vac UL: 10A/125Vac, 6A/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	MR-22 series	ENEC: 12(4)A, 250Vac UL: 12A,125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Chily	3024 series	VDE:16(4)A, 250Vac UL: 15A,125/250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Ningbo Yinzhou Lihe Switch Factory	RL3-4	VDE: 10(4), 250Vac UL: 16A, 125Vac	IEC/EN 61058-1, UL 1054	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Fuse (F9901 in primary)	Littelfuse, Inc. Wickmann	382-series, 392	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Fuse (F901 in secondary)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C9903, C9904) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9902) Y1 type (optional)	Walsin	AH	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Samwha	SD	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 2200pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C9901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Euoptronic	MPX, MPX2	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR9901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R9901, R9902, R9903)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R916)	Tzaiyuan	MOF2WS0R43JT52	Min. 0.39Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.39Ω, 2W	--	--
Bridging Diode (BD9901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C901, C902)	RUBYCON	470PKZ002S	47-150µF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	47-150µF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L9902) (Optional)	JIANGSU CHANNELON	373G0174563H	105°C	--	--
(Alternative)	LIANFENG DONGJIN	373G0174563J	105°C	--	--
(Alternative)	ASET	373G0174563X	105°C	--	--
(Alternative)	LIANZHEN ELECTRONICS	373G0174563Z	105°C	--	--
Transformer (T901)	PHOENIX	380GL32P547P	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150 °C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	130°C, Class B	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T901) (Alt.)	LIANFENG DONGJIN	380GL32P547J	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150 °C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	130°C, Class B	IEC 60950-1 UL 60950-1	VDE, UL
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix K (Modelo/Model: 9P1, **9P1***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A; Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2015 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel (for 18.5 inch models)	CHIMEI INNOLUX	M185***,*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 9.85W; LED array voltage: 25.6V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	M185XTN**** (*can be 0-9, A-Z, ". " or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 7.85W; LED array voltage: 21.7V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM185***-**** (*can be 0-9, A-Z, ". " or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 6.55W; LED array voltage: 17.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)(Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH- 1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE- 1890(+), BF-0675(+), BF- 0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF- 0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(###)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON A-TECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
PCB	CHANG CHUN PLASTICS CO LTD	CCP-508	V-1 or better, min. 105°C	UL 94	UL
(Alternative)	Interchangeable	Interchangeable	V-1 or better, min. 105°C	UL 94	UL
Heat shrinkable tube (used on metal pillar near C907 on metal enclosure type A)	DONGGUAN SALIPT CO LTD	SALIPT S-901-600, SALIPT S-HPT-600	125°C, 600V, min. 0.4mm thickness	--	UL
Switching mode power supply board: 715G7300 type A by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE
(Alternative)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional) (on 715G7300 type A)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional) (on 715G7300 type A)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5- 5, UL1577	VDE, UL, Semko, Fimko

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1 PS2561L1-1, PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Thermistor (NR901)	JIANGSU XINGSHUN ELECTRONICS CO.,LTD	8D2-14	Min. 5 Ω at 25°C, min. 2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 5 Ω at 25°C, min. 2A	--	--
Bleeder Resistor (R907, R908, R909)	FENGHUA	RVS-06	Max. 1MΩ, min. 1/4W	--	--
(Alternative)	Interchangeable	Interchangeable	Max. 1MΩ, min. 1/4W	--	--
Current sensor resistor (R931)	CAIZHI	MOF2WS	Min. 0.825 Ω, 2W	--	--
(Alternative)	Interchangeable	Interchangeable	Min. 0.825 Ω, 2W	--	--
Bridging Diode (BD901)	LITEON	KBP208G-C	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C907 on 715G7300 type A)	KINGNICH	PW2W470MLT1236DLR V	47-150μF, max. 450V, 105°C	--	--
(Alternative)	Interchangeable	Interchangeable	50-150μF, max. 450V, 105°C	--	--
Transistor (Q901)	AUK	SMK0465F	Min.500V, min.2A	--	--
(Alternative)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Line Choke (L901) (on 715G7300 type A) (Optional)	ASET	73G-174-192-X	105°C	--	--
(Alternative)	DADON	73G-174-192-H	105°C	--	--
(Alternative)	TAICHANG	73G-174-192-S	105°C	--	--
(Alternative)	FRONTIER	73G-174-192-F	105°C	--	--
(Alternative)	LI TAI	73G-174-192-L	105°C	--	--
(Alternative)	YUVA	73G-174-192-N	105°C	--	--
(Alternative)	DARFON	73G-174-192-DN	105°C	--	--
Transformer (T902) (Alt.)	Channelon	380GL19P535H	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class 105 material (A)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Power Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix L (Modelo/Model: AG251***, 250LM000**)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 4.5A or 3.25A, 20 Vdc, Class III; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015/COR1:2016 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2004, IEC 61000-4-5: 2005, IEC 61000-4-6: 2008, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
AC/DC adapter	TPV Electronics (Fujian) Co., Ltd	ADPC2090	Input : 100-240 V~, 50-60 Hz, 1.3 A Output: 20 Vdc, 4.5 A, SELV	IEC60950- 1:2005+A1:2009 + A2:2013 EN 60950- 1:2006+A11:200 9+A1:2010+A12: 2011+A2:2013	CB by TUV RH (17038425 001 and 17038425 002)
Plastic Enclosure	LOTTE	VH-0810(+); VH-0890(+); NH-1017(p); VE-0812(+); NH- 1000T(+)&; BF-0677(+); BF-0675(+); BF-0670(+); GC-0700(+); GC- 0750(+);HS-7000(+); SD-0150(+);NE- 1030(+);HR-1360(+); HG-0760(+);LX- 0951(+);LX-0957(+); VE-1890K, TP-1100(+), NH-1017T NH-1017(+), NH-1000T+, BF-0670F	HB or better	UL94	UL
Alt.)	Chi Mei	PA-757(+); PH-88HT(+)	HB or better	UL94	UL
Alt.)	Grand	D-150, D-1000A	HB or better	UL94	UL
Alt.)	TEIJIN	TN-7500(c), TN-7500F(#), MN-3600H(#), MN- 3600V(#)	HB or better	UL94	UL
Alt.)	Haier	HRABS-RS; HRABS-HG; CR-3002	HB or better	UL94	UL
Alt.)	UNIC TECHNOLOGY CORP	UR-3006+ (RXX), UR- 200+	HB or better	UL94	UL
Alt.)	LG	AF312T1; GN-5001TF(#); LUPOY GN-5001RF(T); LUPOY GN-5008HF(#); HF350(#); HF380(#); SE885(#); SE750(#); XG568(#); XG569(#); HF388(#); LUPOY GP- 1000; LUPOY GP-1000(m)(#); LUPOY GP-1000(#), AF- 342T GN-5001TF, GN-5001RF, GP-1000L	HB or better	UL94	UL
Alt.)	TEIJIN	TN-7500(c), TN-7500F(#), MN-3600H(#), MN- 3600V(#)	HB or better	UL94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	KingFa	4418; HF-606; HF-626; FRABS-518; JH960 6(M); FRHIPS-960; 5197; HIPS-5197; HIPS-4418; HIPS-3399; HIPS-CM(ee); HIPS- HG(ee); HIPS-510 (o); HIPS-550; CK-61(M) (##); RS-(hh)0; HP-126; ABS-600; ABS-122; GAR- 322; GAR-332; GAR-220; H12; G360; GAR-011; CK-55(M) (##); CK-58(M) (##); GAR- 011C; GAR-011(ww); CK-100, FRABS-518 RD-900, RS-900, GAR- 011(L85) GAR-011(L65), GAR- 011(HG6) RS-300, RS-400	HB or better	UL94	UL
Alt.)	STYROLUTION	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better	UL94	UL
Alt.)	STYRON	STYRON A-TECH 1400	HB or better	UL94	UL
Alt.)	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better	UL94	UL
Alt.)	DOOSAN CORPORATION ELECTROMATERI ALS BG	DS-1107A; DS-1202G; DS-7106	HB or better	UL94	UL
Alt.)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	HIPS-2000; ABS-3070H	HB or better	UL94	UL
Alt.)	Basf	GP-35, GP-22	HB or better	UL94	UL
Alt.)	WISTRON	GA35	HB or better	UL94	UL
Alt.)	HINGLONG	HL-ABSPCR35/65/85	HB or better	UL94	UL
Alt.)	WOTE	2100	HB or better	UL94	UL
Alt.)	GUO HENG	YOUHO(1302)(B), YOUHO(1303)(B)	HB or better	UL94	UL
Alt.)	SABIC	C6600	HB or better	UL94	UL
Alt.)	CHIMEI	PA-756S	HB or better	UL94	UL
Alt.)	COVESTRO DEUTSCHLAND AG	FR2000, FR3005	HB or better	UL94	UL
Alt.)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better	UL94	UL
Alt.)	Interchangeable	Interchangeable	HB or better	UL94	UL
Stand	Interchangeable	Interchangeable	HB or better	UL94	UL
PCB	Interchangeable	Interchangeable	Min. V-1 105°C	UL796	UL
LCD panel (LED backlight)	AUO	M250HTN**.* (*can be 0~9, A~Z, blank for marking purpose)	All 25" TFT glass is minimum 0.4mm thickness	UL 60950-1 IEC60950-1	UL, Test in the equipment
Fuse (F981,F982)(Lo cated on mainboard for LPS)	Littelfuse/ Wickmann	392, 382	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Alt.)	Littelfuse	0663 series	T4AL, 250Vac	IEC 60127, UL248	VDE,UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue

6 de junho de 2024

June 6, 2024

Revisão/Review: 04

Validade / Expiration

5 de junho de 2027

June 5, 2027

Alt.)	Conquer	MET,MST	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Alt.)	SAVE FUSETECH INC	SR-5 series, SS-5 series	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Alt.)	Suzhou Walter	2000, 2010 series	T4AL, 250Vac	IEC 60127, UL248	VDE,UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884- 1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix M (Modelo/Model: 24G2, **24G2***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:

I/P: 100-240V ~ 50/60Hz, 1.5A, Class I ; IPX0

Normas aplicáveis / Applicable standards:

IEC 62368-1:2018; CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, Class D, EN 61000-3-3:2013+A2:2021, IEC 61000-4-2: 2008, IEC 61000-4-3:2020, IEC 61000-4-4: 2012, IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6 : 2013, IEC 61000-4-8:2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM236***** (*can be 0-9, A-Z or blank for marketing purpose).	23.6 inch TFT (power consumption: 27.1W; LED array voltage: 60V)	IEC/EN 62368-1	Tested in equipment
Alt.	TPV	TPM238***** (*can be 0-9, A-Z or blank for marketing purpose).	23.8 inch TFT (power consumption: 16.5W; LED array voltage: 54V)	IEC/EN 62368-1	Tested in equipment
Plastic Enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T (+) (&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG (+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E115797 and tested with appliance
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E88637 and tested with appliance
	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E56070 and tested with appliance
	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E80168 and tested with appliance
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E41613 and tested with appliance
	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF (#), GN-5001RFD, LUPOY GN-5008HF (#), LUPOY GP-5008BF (#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F (#), SE750(#), LUPOY GN-5001RF(T),	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E67171 and tested with thickness appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM (ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E171666 and tested with appliance
QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E230779 and tested with appliance
DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E345434 and tested with appliance
ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E328304 and tested with appliance
WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c), GA35, NC30	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E359575 and tested with appliance
UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E135175 and tested with appliance
GUO HENG (DONGGUAN)	YOUHO (####) (Y)	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E471190 and tested with appliance
HUIZHOU WOTE	2100	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E310240 and tested with appliance
TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E98529 and tested with appliance
INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E108538 and tested with appliance
TRINSEO EUROPE GMBH (STYRON)	STYRON A-TECH 1200	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E162447 and tested with appliance
TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E314268 and tested with appliance
DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E103670 and tested with appliance
SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E207780 and tested with appliance
PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E205938 and tested with appliance
CHI LIN	GA-1(aaa), GA-1535	HB or better, thickness 1.6mm min.	UL 94 IEC/EN 62368-1	UL E177071 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Mylar sheet	SUZHOU OMAI OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E249605 and tested with appliance
Alt.	SICHUAN LONGHUA FILM CO LTD	PC-770F, PC-770F-A, PC-770	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E254551 and tested with appliance
	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700-83A, DFR700-83B	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E199019 and tested with appliance
	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1860B, KLX FRPC-1870B	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E315185 and tested with appliance
	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC- 870B	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E315185 and tested with appliance
	CHENGDU KANGLONGXIN PLASTICS CO LTD	DFPET 6023	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E199019 and tested with appliance
	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117EC OC, DFR117EC OB	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E199019 and tested with appliance
	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117EC O	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E199019 and tested with appliance
	JINGMEN GORUN TECHNOLOGY CO LTD	HF70	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E305163 and tested with appliance
	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E199019 and tested with appliance
	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX PP BK- 10	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E315185 and tested with appliance
	KUNSHAN DOBESTY OPTOELECTRONIC MATERIALS CO LTD	PC9842B, PC9821B, PC9832B	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E339070 and tested with appliance
	SHENZHEN TEESUN TECHNOLOGY CO LTD	FR370, FR370F, FE383	min. 0.4mm thickness, min. V-1, 105°C	UL 94 IEC/EN 62368-1	UL E329660 and tested with appliance
Base stand (optional)	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+)	HB or better, 60°C, thickness 1.4mm	UL 94 IEC/EN 62368-1	UL E115797 and test with appliance
Alt.	Interchangeable	Interchangeable	HB or better, 60°C, thickness 1.4mm	UL 94:2016 IEC 60695-11-10:2013(2nd Edition)	UL or other EU certification
PCB	Three Sun	SMS-1	V-0, 130°C	UL 796 IEC/EN 62368-1	UL E217670 and test with appliance
Alt.	Interchangeable	Interchangeable	V-1 or better Min. 130°C	UL 796:2016 IEC 60695-11-10:2013(2nd Edition)	UL or other EU certification
Metal enclosure	Interchangeable	Interchangeable	Metal thickness: min. 0.81mm	IEC/EN 62368-1	None
Switching Power Supply Board 715G9611 by TPV					
AC-Inlet (CN901)	Solteam	ST-01, SC04	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	VDE 40015691, UL E200241
	Zhang Jia Gang-Hua Jie	SA-4S series,	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	VDE 40003610, UL E154342
	Rong Feng	SS-120, SS-7B	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	VDE 40028101, UL E102641
	Shenzhen Delikang / Douling	CDJ-3, CDJ-3-1, CDJ-7 series	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	VDE 40010513, UL E217394



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Inalways	0707-1, 0711-2, 0714	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	Nemko P03100418, UL E94191
	TECX	TU-301 series	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1	VDE 40025582 UL E220004
	Yueqing Hongchang	DB-14-14-L, DB-14-14-15, DB-14 series	10A, 250V, 15A, 250Vac, 70°C	IEC/ EN 60320-1, ANSI/UL498	VDE 40028645, UL E327347
	Solteam	SC04	VDE:10A/250Vac, UL: 10A/250Vac,12A/250Vac. 70°C	IEC/EN 60320-1, ANSI/UL498	VDE 40033517, UL E200241
	Zhang Jia Gang- Hua Jie	SA-4D	10A, 250Vac, 15A, 250Vac, 70°C	IEC/EN 60320-1, UL498	TUV R 50274698 UL E154342
Fuse (F901) on primary circuit	Littelfuse Inc	382, 392 +	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40018249, 126983, UL E67006
Alternative	Littelfuse, Inc. Wickmann	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40026355 UL E67006
	Conquer	MET MST PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40017155, 40017118, 40001462, UL E82636
	Walter	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40020046, 40015513, UL E19180
	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40018790, 40018781 UL E220181
	Littelfuse Inc	877	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 0023242, UL E10480
	Better	932	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40033369, UL E300003
Fuse (F902) on secondary circuit	Littelfuse Inc	382, 392 +	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40018249, 126983, UL E67006
Alternative	Littelfuse, Inc. Wickmann	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40026355 UL E67006
	Conquer	MET MST PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40017155, 40017118, 40001462, UL E82636
	Walter	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40020046, 40015513, UL E19180
	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40018790, 40018781 UL E220181
	Littelfuse Inc	877	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 0023242, UL E10480
	Better	932	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1 ANSI/UL 248-14	VDE 40033369, UL E300003
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40001804, UL E146544
	TDK	CS, CD	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40029780, UL E37861
	Murata	KH, KX	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40002831, UL E37921



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 85°C	UL 60384-14	UL E201384
	Kunshan Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40012143, UL E249006
	HAOHUA ELECTRONIC CO.	CT7	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40003902, UL E233106
	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 135256, UL E145038
	SUCCESS	SE	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40037218, UL E114280
	SUCCESS	SB	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40037221, UL E114280
	SUCCESS	SL	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40019465, UL E114280
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH series	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40001804, UL E146544
	TDK	CD	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40029780, UL E37861
	Murata	KX	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40002831, UL E37921
	JYA-NAY	JN	Max. 3300pF, 250Vac, 85°C	UL 60384-14	UL E201384
	Kunshan Wansheng	CT7	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40012143, UL E249006
	HAOHUA ELECTRONIC CO.	CT7	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40003902, UL E233106
	YINAN DON'S ELECTRONIC COMPONENT CO.,LTD	CT81	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 135256, UL E145038
	SUCCESS	SE	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40037218, UL E114280
	SUCCESS	SB	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40037221, UL E114280
	SUCCESS	SL	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40019465, UL E114280
X-Capacitor (C914) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40024534, UL E183780
	Europtronic	MPX	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40018238, UL E211347
	Europtronic	MPX2	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40025981, UL E211347
	Liow Gu	GS-L	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40023391, UL E186321
	Arcotronics (KEMET)	R.46	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	ENEC DAT97000141, UL E97797
	EPCOS	B3292#	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40010694, UL E97863
	Nanjing Tengen Rongguangda	MKP	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40028680, UL E200596
	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40026078, UL E327138
	NANJING TENGGEN RONG GUANG DA ELECTRONICS (GROUP) CO LTD	MKP	Max. 0.33µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE 40028680, UL E200596
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, int.cr=thermal cycling 3), ext.cr=8.0mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40008087, UL E64380
	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, int.cr=6.0mm, ext.cr=7.7mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 132249, UL E214129
	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, int. cr=thermal cycling 3.ext. cr=8.0mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40028391, UL E214129
	Lite-on	LTV-817	Di=0.4mm, int.cr=4.0mm, ext.cr=8.0m, 3000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40015248, UL E113898
	Renesas	PS2561-1, PS2561L-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, int.cr=thermal cycling 3), ext.cr=8.0mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40008862, UL E72422
	TOSHIBA	TLP781F, TLP781	Di=0.4mm, int.cr=thermal cycling 3), ext.cr=8.0mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40021173, UL E67349
	TOSHIBA	TLP421F	Di=0.4mm, int. cr=thermal cycling3. ext. cr=8.0mm, 4000Vac, 100°C	EN 60747-5-5, UL1577	VDE 40010944, UL E67349



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Line Choke (L901) (Optional)	CHANNELON	373G0174577H	105 °C	IEC/EN 62368-1	Tested in equipment
	LDFJ	373G0174577J	105 °C	IEC/EN 62368-1	Tested in equipment
	ASET	373G0174577X	105 °C	IEC/EN 62368-1	Tested in equipment
Transformer (T901)	Phoenix	380GL19P0170P	Class B	IEC/EN 62368-1	Tested in equipment
Alt.	LIANFENG DONGJJIN	380GL19P0170J	Class B	IEC/EN 62368-1	Tested in equipment
Alt.	TAICHANG	380GL19P0170S	Class B	IEC/EN 62368-1	Tested in equipment
Alt.	LITAI	380GL19P0170L	Class B	IEC/EN 62368-1	Tested in equipment
Alt.	YUVA	80GL19P-17-N	Class B	IEC/EN 62368-1	Tested in equipment
-Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL94 IEC/EN 62368-1	UL E41429 and tested with appliance
Alt.	CHANG CHUN PLASTICS CO., LTD.	T200NA	V-0, 150°C, min. 0.45mm thick	UL94 IEC/EN 60950-1	UL E59481 and tested with appliance
-Triple insulation wire	SUZHOU VDE YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	IEC/EN 62368-1, UL 2353	VDE 40033527 UL E364920
Alt.	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	IEC/EN 62368-1, UL 2353	VDE 138053 UL E213764
-Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT	PET film insulating tape, 130°C	UL510 IEC/EN 62368-1	UL E165111 and tested with appliance
Alt.	SYMBIO INC	35660Y*(%)	PET film insulating tape, 130°C	UL510 IEC/EN 62368-1	UL E50292 and tested with appliance
-Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL224 IEC/EN 62368-1	UL E156256 and tested with appliance
Bleeder Resistor (R916, R917, R918)	Tzai Yuan Enterprise Co., Ltd.	HSMD series	Max.680KΩ, min. 1/4W	IEC/EN 62368-1	UL CB (Report No.OFF-12CA24616-A-1)
Alt.	Yageo Corporation	RV1206 series	Max.680KΩ, min. 1/4W	IEC/EN 62368-1	UL CB(Report No.E491387-4787887815-1 Original)
	Fenghua	RVS-06 series	Max.680KΩ, min. 1/4W	IEC/EN 62368-1	Nemko CB (Report No.336992)
	Fenghua	RS-06 series	Max.680KΩ, min. 1/4W	IEC/EN 62368-1	Nemko CB (Report No.337017) CHI LIN
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix AA (Modelo/Model: 27G2, **27G2***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016, CISPR 24:2010, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2004 / IEC 61000-4-4: 2012, IEC 61000-4-5: 2005 / IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2008, IEC 61000-4-6: 2008 / IEC 61000-4-6 : 2013, IEC 61000-4-11: 2004 / IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel with LED backlight (for 27.0 inch models) (Flat)	TPV	TPM270***-**** * (*can be 0-9, A-Z or blank for marketing purpose).	27.0 inch TFT curve panel (power consumption: 29.49W; LED array voltage: 44.8V)	--	Tested in equipment
LCD Panel with LED backlight (for 23.8 inch models) (Flat)	TPV	TPM238***-**** * (*can be 0-9, A-Z or blank for marketing purpose).	23.8 inch TFT curve panel (power consumption: 16.5W; LED array voltage: 54V)	--	Tested in equipment
Plastic Enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC- 0700(++)(RR28), GC- 0700A(RR), GC- 0750(+)(RR70), GC- 1017(+)(RR30), VE- 1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF- 0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, thickness 2.0mm min.	UL 94	UL
	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, thickness 2.0mm min.	UL 94	UL
	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, thickness 2.0mm min.	UL 94	UL
	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, thickness 2.0mm min.	UL 94	UL
	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, thickness 2.0mm min.	UL 94	UL
	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP- 1000(m)(#), LUMILOY GP-1000(#), SE750(#), LUPOY GN-5001RF(T), SE885(#), HF388(#)	HB or better, thickness 2.0mm min.	UL 94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(vw)	HB or better, thickness 2.0mm min.	UL 94	UL
	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, thickness 2.0mm min.	UL 94	UL
	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, thickness 2.0mm min.	UL 94	UL
	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, thickness 2.0mm min.	UL 94	UL
	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c), GA35, NC30	HB or better, thickness 2.0mm min.	UL 94	UL
	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, thickness 2.0mm min.	UL 94	UL
	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, thickness 2.0mm min.	UL 94	UL
	HUIZHOU WOTE	2100	HB or better, thickness 2.0mm min.	UL 94	UL
	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, thickness 2.0mm min.	UL 94	UL
	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, thickness 2.0mm min.	UL 94	UL
	STYRON	STYRON A-TECH 1200	HB or better, thickness 2.0mm min.	UL 94	UL
	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, thickness 2.0mm min.	UL 94	UL
	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, thickness 2.0mm min.	UL 94	UL
	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, thickness 2.0mm min.	UL 94	UL
	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, thickness 2.0mm min.	UL 94	UL
	CHI LIN TECHNOLOGY CO LTD	GA-1(aaa), GA-1535	HB or better, thickness 2.0mm min.	UL 94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Switching Power Supply Board 715G9611 by TPV					
AC-Inlet (CN901)	Inalways Corporation Co., Ltd.	0707-1, 0711-2, 0714	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	ZhangJia Ganghuajie Electronics Co., Ltd.	SA-4S,	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	DELIKANG/ Douling	CDJ-3, CDJ-3-1	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	Solteam Electronics Co., Ltd.	ST-01	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
	TECX	TU-301 series	10A, 250V, 70°C	IEC/ EN 60320-1	VDE
	Yueqing Hongchang	DB-14	10A, 250V, 70°C	IEC/ EN 60320-1, UL 498	VDE, UL
Fuse (F901 in primary)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Fuse (F902 in secondary for L.P.S.)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Littelfuse, Inc. Wickmann	392, 382-series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
	Ever Island Electric Co. Ltd and Walter electric	2000, 2010 serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, UL 248	VDE, UL
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	TDK	CS, CD	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Murata	KH, KX	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Matsushita	NS-A, NS-B	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	SUCCESS	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Wansheng	CT7	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	TDK	CD	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Murata	KX	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	Matsushita	NS-A	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	JYA-NAY	JN	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Hongming	F	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Yinan Don's	CT81	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	SUCCESS	SB, SE	Max. 3300pF, 250Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
X-Capacitor (C914) (X1 or X2 type) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Faratronic	MKP62	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Europtronic	MPX, MPX2	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	ENEC (Semko), UL
	Hua Jung	MKP	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Liow Gu	GS-L	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
	Arcotronics	R.46	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	ENEC(IMQ) UL
	EPCOS	B3292#	Max. 0.47µF, 275Vac, 85°C	IEC 60384-14, UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di>0.4mm, int. = thermal cycling 3. , ext.>8.0mm, 5000 Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40008087, UL E64380
	Everlight Electronics Co., Ltd.	EL817, EL817M UL : EL8X7 (X=1 or 2)	Di>0.5mm, int. cr=thermal cycling 3. , ext. cr>7.7mm, 3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 132249, UL E214129
	Vishay Semiconductor	TCET1103	Di>0.5mm, int. cr >6.0mm, ext. cr >7.7mm, 3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40028080, UL E76222
	Lite-on	LTV-817	Di > 0.6mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 4800Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40015248, UL E113898
	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di>0.4mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 5000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40008862, UL E72422
	TOSHIBA	TLP781F, TLP781	Di>0.5mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 4800Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40021173, UL E67349
	TOSHIBA	TLP421F	Di >0.4mm, int. cr=thermal cycling 3. , ext. cr > 8.0mm, 5000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE 40010944, UL E67349
Line Choke (L901) (Optional)	CHANNELON	373G0174577H	105 °C	--	Tested in equipment
	LDFJ	373G0174577J	105 °C	--	Tested in equipment
	ASET	373G0174577X	105 °C	--	Tested in equipment
Transformer (T901)	Phoenix	380GL19P0170P	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	LIANFENG DONGJJIN	380GL19P0170J	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	TAICHANG	380GL19P0170S	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	LITAI	380GL19P0170L	Class B	IEC/EN 60950-1	Tested in equipment
Alt.	YUVA	80GL19P-17-N	Class B	IEC/EN 60950-1	Tested in equipment
-Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL94	UL
Alt.	GREAT LEOFLON INDUSTRIAL CO., LTD	TRW(B)	V-0, 150°C, min. 0.45mm thick	UL94	UL
Alt.	CHANG CHUN PLASTICS CO., LTD.	T200NA	V-0, 150°C, min. 0.45mm thick	UL94	UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue

6 de junho de 2024

June 6, 2024

Revisão/Review: **04**

Validade / Expiration

5 de junho de 2027

June 5, 2027

-Triple insulation wire	SUZHOU VDE YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Alt.	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
-Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT	PET film insulating tape, 130°C	UL510	UL
Alt.	SYMBIO INC	35660Y*(%)	PET film insulating tape, 130°C	UL510	UL
-Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL224	UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix N (Modelo/Model: 323FCX, 323QCX, **323***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016 Class B, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2013, IEC 61000-4-8:2009, IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM315WF* (*can be 0-9, A-Z or blank for marketing purpose).	31.5 inch TFT LCD (power consumption: 36.7W; LED array voltage: 42V)	IEC 60950-1	Tested in equipment
(Alternative)	TPV	TPM315WQ* (*can be 0-9, A-Z or blank for marketing purpose).	31.5 inch TFT LCD (power consumption: 48.84W; LED array voltage: 42V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI) (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065, GP-22	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON ATECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTROMATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
AC Inlet	Solteam	ST-01, SC04	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Hongchang	DB-14-4, DB-14-05	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Primary input wire (L/N)	Interchangeable	Interchangeable	Min. 20AWG, 600V, VW-1, 105°C	UL 758	UL
Earthing wire	Interchangeable	Interchangeable	Min. 18AWG, 600V, VW-1, 105°C	UL 758	UL
LED light source (on rear enclosure)	Everlight Electronics Co., Ltd.	5050 RGC+IC	DC 5V, in compliance with Exempt Group	IEC 62471:2006 EN 62471:2008	SGS (Report No. OC-2019-30025)
Fuse (F701, F702 on DC input of main board 715G9960 for L.P.S.)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Switching mode power supply board: 715GA321 by TPV					
Primary connector (CN901)	J.S.T	VH series	7 A, 250 Vac	IEC/EN 61984	VDE 40012096 Tested with appliance
(Alternative)	J.S.T	VT series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	M3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	W7913 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Pontronics	3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Jowle	A3963 series	7 A, 250 Vac	--	Tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Fuse (F9901)	Littelfuse, Inc. Wickmann	382-series, 392	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3	VDE
(Alternative)	Littelfuse, Inc.	TE5 400	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET, MST, PTU	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Y- Capacitor (C9915, C9916) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 100pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9917, C9919) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 470pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C9911) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C9918, C9920) (optional)	Ultra Tech Xiphi	HQX	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europtronic	MPX, MPX2	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL
(Alternative)	EPCOS	B3292#	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.33µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U9102, U9401)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2- 1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747- 5-5, UL1577	VDE, UL, Semko, Fimko
Discharge IC (U9104)	Leadtrend Technology Corp.	LD5760GR	IP: 100-250V~, 47-63Hz	IEC 60950- 1+A1+A2	Nemko CB (Ref. Certif. No. NO84030)
Line Choke (L9901, L9902) (Optional)	CHANNELON	373G0174575H	105°C	--	--
(Alternative)	LIANZHEN	373G0174575Z	105°C	--	--
PFC Choke (L9801)	YUVA	373G0174315N	105°C	--	--
(Alternative)	ASET	373G0174315X	105°C	--	--
(Alternative)	CHENPING	373G0174315CP	105°C	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer(T 9102)(Alternative)	TPV	380GL32P530H	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
- Triple Wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Transformer (T9102) (Alternative)	YUVA	380GL32P530N	Class B	Applicable part according to IEC60950-1 and IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(Alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
- Triple Wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, UL 2353	VDE, UL
Bleeder Resistor (R9165)	Interchangeable	Interchangeable	Max. 10kΩ, min. 1/4W	--	--
Bridging Diode (BD9901)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C9814, C9815)	Interchangeable	Interchangeable	47μF, max. 450V, 105°C	--	--
Transistor (Q9801, Q9101, Q9102)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Thermistor (TH9903, TH9904)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 2A	--	--
Switching mode power supply board: 715GA451 by TPV					
Primary connector (CN901)	J.S.T	VH series	7 A, 250 Vac	IEC/EN 61984	VDE 40012096 Tested with appliance
(Alternative)	J.S.T	VT series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	M3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Xinya	W7913 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Pontronics	3962 series	7 A, 250 Vac	--	Tested with appliance
(Alternative)	Jowle	A3963 series	7 A, 250 Vac	--	Tested with appliance
Fuse (F901 in primary)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Fuse (F902 in secondary for L.P.S.)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	TE5 400 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Conquer	MET series, MST series, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3, UL 248-1	VDE, UL
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN, JY	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Matsushita	NS-A	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 3300pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

X-Capacitor (X1 or X2 type) (C914) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europtronic	MPX	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, FI, UL
(Alternative)	Europtronic	MPX2	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	EPCOS	B3292#	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics	R.46	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZHUHAI SUNG HO ELECTRONICS CO LTD	CMPP	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	FARAD	PXK	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, 275Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Line Choke (L901) (optional)	CHANNELON	73G174-241-H	105°C	--	--
(Alternative)	YUVA	73G174-241-N	105°C	--	--
(Alternative)	ASET	73G174-241-X	105°C	--	--
(Alternative)	CHENPING	73G174-241-CP	105°C	--	--
Transformer (T901)	Phoenix	380GL19P0170P	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	LIANFENG DONGJJIN	380GL19P0170J	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	TAICHANG	380GL19P0170S	Class B	IEC/EN 60950-1	Tested with appliance
(Alternative)	LITAI	380GL19P0170L	Class B	IEC/EN 60950-1	Tested with appliance
- Bobbin	SUMITOMO BAKELITE CO LTD	PM-9820	V-0, 150°C, min. 0.45mm thick	UL94	UL
(Alternative)	GREAT LEOFLON INDUSTRIAL CO., LTD	TRW(B)	V-0, 150°C, min. 0.45mm thick	UL94	UL
(Alternative)	CHANG CHUN PLASTICS CO., LTD.	T200NA	V-0, 150°C, min. 0.45mm thick	UL94	UL
- Triple insulation wire	SUZHOU VDE YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue

6 de junho de 2024

June 6, 2024

Revisão/Review: 04

Validade / Expiration

5 de junho de 2027

June 5, 2027

(Alternative)	Cosmolink Co Ltd	TIW-M	Reinforced insulation, 130°C	IEC/EN 60950-1, UL 2353	VDE, UL
- Insulation tape	JingJiang YaHua Pressure Sensitive Glue Co., Ltd	CT	PET film insulating tape, 130°C	UL510	UL
(Alternative)	SYMBIO INC	35660Y*(%)	PET film insulating tape, 130°C	UL510	UL
- Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL224	UL
Thermistor (TH901)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 5A	--	--
Bleeder Resistor (R916, R917, R918)	Interchangeable	Interchangeable	Max. 680kΩ, min. 1/4W	--	--
Bridging Diode (BD901, BD902)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C902, C903)	Interchangeable	Interchangeable	50-150μF, max. 450V, 105°C	--	--
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix O (Modelo/Model: 22P2. 22P2***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2012 / CISPR 32:2015/COR1:2016, CISPR 24:2010/A1:2015, IEC 61000-3-2:2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5 : 2014+A1:2017, IEC 61000-4-6: 2013, IEC 61000-4-8:2009, IEC 61000-4-11 : 2004+A1:2017

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM215*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 12.42W; LED array voltage: 47.6V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	H*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 19.4W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
(Alternative)	BOE	M*215***-*** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 10.9W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	BM215W**-**** (*can be 0-9, A-Z or blank for Marketing purpose).	21.5 inch TFT LCD (power consumption: 16.3W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	L&T	LM215W**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 14.25W; LED array voltage: 52.7V)	IEC 60950-1	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 18.3W; LED array voltage: 34.1V)	IEC 60950-1	Tested in equipment
(Alternative)	INNOLUX	INNOLUX M215H**-**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.53W; LED array voltage: 36.66V)	IEC 60950-1	Tested in equipment
(Alternative)	LG Display	LM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.21W; LED array voltage: 51.2V)	IEC 60950-1	Tested in equipment
(Alternative)	SAMSUNG	LTM215**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 13.62W; LED array voltage: 48.2V)	IEC 60950-1	Tested in equipment
(Alternative)	AUO	*215H**** (*can be 0-9, A-Z or blank for marketing purpose).	21.5 inch TFT LCD (power consumption: 16.55W; LED array voltage: 54.4V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI) (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH- 1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR), GC-0750(+)(RR70), GC-1017(+)(RR30), VE- 1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF- 0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL E88637 and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA- 756S	HB or better, min. 2.0mm thickness	UL 94	UL E56070 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL E80168 and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS] (Bayer)	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL E41613 and tested with appliance
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL E67171 and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL E171666 and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL E230779 and tested with appliance
(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL E345434 and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL E328304 and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL E359575 and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL E135175 and tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL E471190 and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL E310240 and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN- 3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL E98529 and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065, GP-22	HB or better, min. 2.0mm thickness	UL 94	UL E108538 and tested with appliance
(Alternative)	TRINSEO EUROPE GMBH (STYRON)	STYRON ATECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL E162447 and tested with appliance
(Alternative)	TOTAL PETROCHEMICAL S SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL E314268 and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTROMATERI ALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL E103670 and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(VS), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL E207780 and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL E205938 and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL E177071 and tested with appliance
Switching mode power supply board: 715G7300 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Zhang Jia Gang- Hua Jie	SA-4S, SA-4S-1, SA-4D	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Alt.)	Yueqing Hongchang	DB-14	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T3.15AL, 250Vac	IEC/ EN 60127- 1 IEC/ EN 60127- 3 UL 248-1	VDE, UL
Alt.)	Littelfus, Inc.	TE5 400	T3.15AL, 250Vac	IEC/ EN 60127- 1 IEC/ EN 60127- 3 UL 248-1	VDE
Alt.)	Conquer	MET, MST, PTU	T3.15AL, 250Vac	IEC/ EN 60127- 1 IEC/ EN 60127- 3 UL 248-1	VDE, UL
Alt.)	Cooper Bussmann	SR-5, SS-5	T3.15AL, 250Vac	IEC/ EN 60127- 1 IEC/ EN 60127- 3 UL 248-1	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T3.15AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	TDK	CS, CD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Murata	KH, KX	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Hongming	F	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Wansheng	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Haohua	CT7	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Samwha	SD	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Matsushita	NS-A, NS-B	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Success	SB, SE	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Yinan Don's	CT81	Max. 680pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Matsushita	NS-A	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Success	SB, SE	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

X-Capacitor (X1 or X2 type) (C901)(optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Europtronic	MPX	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Europtronic	MPX2	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Arcotronics (KEMET)	R.46	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	ENEC, UL
Alt.)	TDK	B3292	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Alt.)	Farad	PXK	Max. 0.22µF, Min. 250Vac, 85°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Alt.)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Alt.)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
Alt.)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
Alt.)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
Alt.)	Renesas	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
Alt.)	TOSHIBA	TLP781F, TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Alt.)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Line Choke (L901)(Optional)	ASET	73G-174-192-X	105°C	--	--
Alt.)	DADON	73G-174-192-H	105°C	--	--
Alt.)	TAICHANG	73G-174-192-S	105°C	--	--
Alt.)	FRONTIER	73G-174-192-F	105°C	--	--
Alt.)	LI TAI	73G-174-192-L	105°C	--	--
Alt.)	YUVA	73G-174-192-N	105°C	--	--
Alt.)	DARFON	73G-174-192- DN	105°C	--	--
Transformer (T902) (Alt.)	Channelon	380GL19P535H	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer (T902) (Alt.)	YUVA	380GL19P535N	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	TPV	S80GL19P535V	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Furukawa	TEX-E	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	SYMBIO INC	No.35660Y*(%)	130°C	UL510	UL
(alternative)	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	LFDJ	380GL19P535J	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	Cosmolink	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT(c)	130°C	UL510	UL
Transformer (T902) (Alt.)	PHOENIX	380GL19P535P	Class B	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	Sumitomo	PM-9820	V-0, Phenolic, 150°C	UL 94	UL
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
- Insulation tape	JINGJIANG YAHUA	No.CT*(c)(g)	130°C	UL510	UL
Cord set	Various	Various	--	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix P (Modelo/Model: 27B1.27B1HM,27B1*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 19Vdc, 1.31A, Class III, IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32: 2012 Class B, CISPR 24:2010, IEC 61000-3-2:2014 Class D, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel with LED backlight type (for 27 inch models)	TPV	TPM270W**.* (can be 0~9, A~Z, " " Or blank)	27 inch TFT LCD (power consumption: 20.9 W; LED array voltage: 54V	--	Tested in equipment
(Alternative)	BOE	MV270F**.* (can be 0~9, A~Z, " " or blank)	27 inch TFT LCD (power consumption: 10.6 W; LED array voltage: 59V	--	Tested in equipment
(Alternative)	CHIMEI INNOLUX	M270HGE.* (can be 0-9, A-Z or blank for marketing purpose only)	27 inch TFT type, with LED back light, power consumption: 22.72W; LED Array Voltage: 60V	--	Tested in equipment
(Alternative)	SAMSUNG	LTM270HP** (* can be 0-9, A-Z or blank for marketing purpose only)	27 inch TFT type, with LED back light, power consumption: 21.3W; LED Array Voltage: 47.0V	--	Tested in equipment
(Alternative)	LG Display	LM270WQ* (* can be 0-9, A-Z or blank for marketing purpose only)	27 inch TFT type, with LED back light, power consumption: 24.1W; LED Array Voltage: 54.7V	--	Tested in equipment
(Alternative)	INNOLUX	M270K**.* (can be 0-9, A-Z or blank for marketing purpose only)	27 inch TFT type, with LED back light, power consumption: 27.9W; LED Array Voltage: 36.3V	--	Tested in equipment
(Alternative)	L&T	LM270W**.* (can be 0-9, A-Z or blank for marketing purpose only)	27 inch TFT type, with LED back light, power consumption: 14.75W; LED Array Voltage: 47.3V	--	Tested in equipment
Enclosure	LOTTE ADVANCED MATERIALS CO LTD	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC-0700(++)(RR28), GC-0700A(RR) , GC-0750(+)(RR70) , GC-1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+) , BF-0677(+), HS-7000(+), HG-0760(+) , NE-1030(+), HR-1360(+), LX-0951(+) , LX-0957(+), TH-1100(+) , TN-1100(+)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E115797)
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E88637)
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E56070)
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E80168)
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E41613)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X , AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#) , SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E67171)
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529, E244324)
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E345434)
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E73656)
(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X , AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#) , SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), GP-1000(m)(#) , LUMILOY GP-1000(#) , SE750(#), LUPOY GN-5001RF(T), SE885(#) , HF388(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E171666)
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E310240)
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(###)(Y)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E471190)
(Alternative)	HUIZHOU WOTE	2100	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E135175)
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c) , TN-7500F(#) , MN-3600V(#) , MN-3600H(#)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E98529)
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E108538)
(Alternative)	STYRON	STYRON A- TECH 1200	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E162447)
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E314268)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E103670)
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(V S) , C6600E (VS)(X)	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E207780)
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E205938)
(Alternative)	CHI LIN	GA-1(aaa) , GA-1535	HB or better, 1.5mm thickness min. 60°C	UL 94	UL (E177071)
Power Adapter	L&T	STK025-19131T	IP: 100-240 Vac, 50-60 Hz, 1.3A. OP: 19Vdc, 1.31A, 40°C, Class I, 5000m Comply with SELV and L.P.S.	IEC 62368-1: 2014	CB by TUV SUD (Certificate No. SG PSB-IV-02436M1)
(Alternative)	TPV	ADPC1925EX	IP: 100-240 Vac, 50-60 Hz, 1.3A. OP: 19Vdc, 1.31A, LPS, 40 °C , Class I, altitude operating: 5000 m	IEC 60950-1: 2005+A1	CB by Nemko (certificate No. NO83042)
PCB	FUJIAN MILKY-WAY PRINTED CIRCUIT BOARD INDUSTRIAL CO LTD	MW-2, MW-CEM1	Min. V-1 or better, min. 105°C	UL 94, UL 796	UL (E168066)
(Alternative)	Interchangeable	Interchangeable	Min. V-1 or better, min. 105°C	UL 94, UL 796	UL
Cord set	Interchangeable	Interchangeable	----	NBR 14136, NBR NM 60884-1	INMETRO

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix Q (Modelo/Model: U27P2.27P2*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A, Class I, IP20

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (ed.2); am1, am2, CISPR 22: 2008, CISPR 24: 2010 + A1: 2015, CISPR 32: 2015+A1:2019, Class B, IEC 61000-3-2: 2018, Class D, IEC 61000-3-3: 2013 + A1: 2017, IEC 61000-4-2: 2008, IEC 61000-4-3: 2020, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+ A1: 2017, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Componente/C omponent	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
LCD Panel	TPV	TPM270WF*.***** (*can be 0-9, A-Z or blank for marketing purpose).	27 inch TFT LCD (power consumption: 21.32W; LED array voltage: 51V)	IEC 60950-1	Tested in equipment
(Alternative)	PANDA	LM270**** (*can be 0-9, A-Z or blank for marketing purpose).	27 inch TFT LCD (power consumption: 27.08W; LED array voltage: 51V)	IEC 60950-1	Tested in equipment
Plastic enclosure	LOTTE ADVANCED MATERIALS CO LTD (SAMSUNG SDI) (Cheil)	SD-0150(+), VH-0810(+), VE-0812(+), NH-1000T(+)(&), GC- 0700(++)(RR28) , GC-0700A(RR), GC- 0750(+)(RR70), GC- 1017(+)(RR30), VE-1890(+), BF-0675(+), BF-0670(+), NH-1017(p), NH-1017T, NH-1017SG(+), BF-0677(+), HS-7000(+), HG-0760(+), NE-1030(+), HR-1360(+), LX-0951(+), LX-0957(+), TH-1100(+), TN-1100(+)	HB or better, min. 2.0mm thickness	UL 94	UL E115797 and tested with appliance
(Alternative)	GRAND PACIFIC PETROCHEMICAL CORP	D-150, D-1000, D-1000A	HB or better, min. 2.0mm thickness	UL 94	UL (E88637) and tested with appliance
(Alternative)	CHI MEI CORPORATION	PA-757(+), PH-88, PA-756S	HB or better, min. 2.0mm thickness	UL 94	UL (E56070) and tested with appliance
(Alternative)	ALBIS PLASTIC GMBH	GP-35, GP-22, 495F	HB or better, min. 2.0mm thickness	UL 94	UL (E80168) and tested with appliance
(Alternative)	COVESTRO DEUTSCHLAND AG [PC RESINS]	FR3000 series, FR3005 series	HB or better, min. 2.0mm thickness	UL 94	UL (E41613) and tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	LG CHEM LTD	HF350(#), HF380(m), HF380NS, HF380(#), HF-380(#), HF-380(m), HF-380, HF-380NS, HF380X, AF312T1, AF342T1, LUPOY GN-5001TF(#), GN-5001RFD, LUPOY GN-5008HF(#), LUPOY GP-5008BF(#), SE750(#), XG568(#), XG569(#), GP-1000L, GP-1000F(#), SE750(#), LUPOY GN-5001RF(T)	HB or better, min. 2.0mm thickness	UL 94	UL (E67171) and tested with appliance
(Alternative)	KINGFA SCI & TECH CO LTD	4418, 5197, FRABS-518, HIPS-5197, HF-606, HF-626, FRABS-518, GAR-011C, JH960 6(M), FRHIPS-960, RS-900, RS-300, RS-400, GAR-011, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-900, CK-55111, JH960 6(M), FRHIPS-960, HIPS-4418, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee), HIPS-510 (o), HIPS-550, CK-61(M) (##), RS-(hh)0, HP-126, ABS-660, ABS-122, GAR-322, GAR-332, GAR-220, H12, G360, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or better, min. 2.0mm thickness	UL 94	UL (E171666) and tested with appliance
(Alternative)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, CR-3002	HB or better, min. 2.0mm thickness	UL 94	UL (E230779) and tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR85, HL-ABS-PCR65, HL-ABS-PCR35	HB or better, min. 2.0mm thickness	UL 94	UL (E345434) and tested with appliance
(Alternative)	ORINKO (HEFEI) ADVANCED PLASTIC CO LTD	ABS-3070H, HIPS-2000	HB or better, min. 2.0mm thickness	UL 94	UL (E328304) and tested with appliance
(Alternative)	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA(M)(b)(c)	HB or better, min. 2.0mm thickness	UL 94	UL (E359575) and tested with appliance
(Alternative)	UNIC TECHNOLOGY CORP	UR-3006+(RXX), UR-200+	HB or better, min. 2.0mm thickness	UL 94	UL (E135175) and tested with appliance
(Alternative)	GUO HENG (DONGGUAN)	YOUHO(####)(Y)	HB or better, min. 2.0mm thickness	UL 94	UL (E471190) and tested with appliance
(Alternative)	HUIZHOU WOTE	2100	HB or better, min. 2.0mm thickness	UL 94	UL (E135175) and tested with appliance
(Alternative)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), TN-7500F(#), MN-3600V(#), MN-3600H(#)	HB or better, min. 2.0mm thickness	UL 94	UL (E98529) and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	495F GR2, 495F KG2, 495F GR21, 495F KG21, PC2065	HB or better, min. 2.0mm thickness	UL 94	UL (E108538) and tested with appliance
(Alternative)	INEOS STYROLUTION GROUP GMBH	STYRON A- TECH 1200	HB or better, min. 2.0mm thickness	UL 94	UL (E162447) and tested with appliance
(Alternative)	TOTAL PETROCHEMICALS SOUTH EAST ASIA PTE LTD	3441; 260-XX	HB or better, min. 2.0mm thickness	UL 94	UL (E314268) and tested with appliance
(Alternative)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A; DS-1202G; DS-7106	HB or better, min. 2.0mm thickness	UL 94	UL (E103670) and tested with appliance
(Alternative)	SABIC JAPAN L L C	C6600(GG)(X)(V S), C6600E (VS)(X)	HB or better, min. 2.0mm thickness	UL 94	UL (E207780) and tested with appliance
(Alternative)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 2.0mm thickness	UL 94	UL (E205938) and tested with appliance
(Alternative)	CHI LIN	GA-1(aaa), GA-1535	HB or better, min. 2.0mm thickness	UL 94	UL (E177071) and tested with appliance
Mylar sheet	SUZHOU OMA OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	SICHUAN LONGHUA FILM CO LTD	PC-770F, PC-770F-A, PC-770	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1860B, KLX FRPC-1870B	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-870B	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECOC, DFR117ECOB	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	JINGMEN GORUN TECHNOLOGY CO LTD	HF70	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX PP BK-10	min. 0.4mm, thickness, min. V-1, 105°C	UL 94	UL
(Alternative)	KUNSHAN DOBESTY OPTOELECTRONIC MATERIALS CO LTD	PC9842B	min. 0.4mm, thickness, min. V-1, 80°C	UL 94	UL
(Alternative)	SHENZHEN TEESUN TECHNOLOGY CO LTD	FR370, FR370F, FE383	min. 0.4mm, thickness, min. V-1, 80°C	UL 94	UL
PCB	Interchangeable	Interchangeable	Min. V-1 or better, min. 130°C	UL 94, UL 796	UL
Cord set	Interchangeable	Interchangeable	----	NBR 14136, NBR NM 60884-1	INMETRO
Switching mode power supply board: 715GB227 by TPV (to be used together with mainboard 715GA732)					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	ENEC, UL
(Alternative)	Zhang Jia Gang-Hua Jie	SA-4S, SA-4S-1, SA-4D, SA-4S 9	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Inalways	0707-1, 0711-2, 0714	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	DELIKANG	CDJ-3, CDJ-3-1	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	TECX	TU-301 series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
(Alternative)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14 Series	10A, 250Vac	IEC/ EN 60320-1 UL60320-1	VDE, UL
Power switch (SW901) (optional)	Rong Feng Industrial Co., Ltd.	RF-1003	VDE: 10(4)A, 250Vac UL: 10A, 250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21 series	ENEC: 6A, 250Vac UL:10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	MR-21S	ENEC: 6A, 250Vac UL:10A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Solteam Electronics Co Ltd	OR-L series, OR-P series	ENEC: 6A, 250Vac UL: 10A/125Vac, 6A/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Solteam Electronics Co Ltd	MR-22 series	ENEC: 12(4)A, 250Vac UL: 12A, 125/250Vac	IEC/EN 61058-1, UL 1054	ENEC, UL
(Alternative)	Chily	3024 series	VDE: 16(4)A, 250Vac UL: 15A, 125/250Vac	IEC/EN 61058-1, UL 1054	VDE, UL
(Alternative)	Ningbo Yinzhou Lihe Switch Factory	RL3-4	VDE: 10(4), 250Vac UL: 16A, 125Vac	IEC/EN 61058-1, UL 1054	VDE, UL
Fuse (F901)	Littelfuse, Inc. Wickmann	382-series, 392	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3	VDE
(Alternative)	Conquer	MET, MST, PTU	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T4AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Fuse (F902) (sec. for LPS)	Littelfuse, Inc. Wickmann	382-series, 392	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse, Inc.	TE5 400	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3	VDE
(Alternative)	Conquer	MET MST-series, PTU	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Cooper Bussmann	SR-5, SS-5	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Ever Island Electric Co., Ltd. & Walter Electric	2000, 2010 series	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
(Alternative)	Littelfuse Phils. Inc.	877	T5AL, 250Vac	IEC/ EN 60127-1 IEC/ EN 60127-3 UL 248-1	VDE, UL
Y- Capacitor (C901, C902) Y1 or Y2 type (optional)	Walsin	AC, AH	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CS, CD	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KH, KX	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Hongming	F	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	TDK	CD	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Murata	KX	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	JYA-NAY	JN	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hongming	F	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Wansheng	CT7	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Haohua	CT7	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Samwha	SD	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Success	SB, SE	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Yinan Don's	CT81	Max. 2200pF, 250Vac, 105°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C903, C922) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Faratronic	MKP62	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Hua Jung	MKP	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	ENEC(Semko), UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	Nanjing Tengen Rongguangda	MKP	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Europtonic	MPX, MPX2	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Liow Gu	GS-L	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	Arcotronics (KEMET)	R.46	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	ENEC(IMQ), UL
(Alternative)	EPCOS	B3292#	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
(Alternative)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22μF, Min. 250Vac, 100°C	IEC/EN 60384-14 UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123	Di=0.7mm, ext. cr ≥8.0mm, min.3000Vac, 110°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Vishay Semiconductor	TCET1103	Di=0.6mm, ext. cr=8.4mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL817, EL817M	Di=0.5mm, ext. cr=7.7mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Nemko, Fimko
(Alternative)	Everlight Electronics Co., Ltd.	EL1013	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko
(Alternative)	Lite-on	LTV-817	Di=0.4mm, ext. cr ≥7.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL
(Alternative)	Renesas	PS2561-1 PS2561L-1 PS2561L1-1 PS2561L2-1 PS2561DL1-1	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Nemko, Fimko
(Alternative)	TOSHIBA	TLP781F TLP781	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
(Alternative)	TOSHIBA	TLP421F	Di=0.4mm, ext. cr=8.0mm, min.3000Vac, 100°C	DIN EN 60747-5-5, UL1577	VDE, UL, Semko, Fimko
Line Choke (L901A) (Optional) (For power board 715GB227 type A)	CHANNELON	373G0174563H	105°C	--	--
(Alternative)	LDFJ	373G0174563J	105°C	--	--
(Alternative)	LZ	373G0174563Z	105°C	--	--
Line Choke (L901A) (Optional) (For power board 715GB227 type B)	JIANGSU CHANNELON	73G174-65-H	105 °C	--	--
(Alternative)	YUVA	73G174-65-N	105 °C	--	--
(Alternative)	TPV	S73G17465V	105 °C	--	--
(Alternative)	Xiamen TDK	73G174-65-T	105 °C	--	--
(Alternative)	ASET	73G174-65-X	105 °C	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

(Alternative)	TAICHANG	73G174-65-S	105 °C	--	--
Transformer (T901) ((Alternative))	CHANNELON	380GL32P559H	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	CHANG CHUN	T200NA	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T901) ((Alternative))	LFDJ	380GL32P559J	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	CHANG CHUN	T200NA	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	Cosmolink	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Transformer (T901) ((Alternative))	PHOENIX	380GL32P559P	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
Bobbin	Sumitomo	PM-9750	V-0, Phenolic, 150°C	UL 94	UL
Triple insulation wire	YUSHENG	TIW-B(x)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL, VDE
Teflon tube	GREAT HOLDING	TEFLON TUBE TFL	200°C	UL 224	UL
Bleeder Resistor (R901, R902, R903, R933, R934, R935)	Interchangeable	Interchangeable	Max. 1.3MΩ, min. 1/4W	--	--
Current sensor resistor (R916)	Interchangeable	Interchangeable	Min. 0.33Ω, 2W	--	--
Bridging Diode (BD901, BD902) (Optional)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--
Ripple Capacitor (C904)	Interchangeable	Interchangeable	45-150μF, max. 450V, 105°C	--	--

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix R (Modelo/Model: 25G3ZM, 25G3***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V~, 50/60Hz, 1.5A, Class I, IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (ed.2); am1, am2, CISPR 22: 2008, CISPR 24: 2010 + A1: 2015, CISPR 32: 2015+A1:2019, Class B, IEC 61000-3-2: 2018, Class D, IEC 61000-3-3: 2013 + A1: 2017, IEC 61000-4-2: 2008, IEC 61000-4-3: 2020, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+ A1: 2017, IEC 61000-4-6: 2013, IEC 61000-4-8: 2009, IEC 61000-4-11: 2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Componente/C omponent	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Mains cord set	Interchangeable	Interchangeable	--	NBR 14136, NBR NM 60884-1	INMETRO
LCD Panel	AUO	M250H**** (*can be 0-9, A-Z or blank for marketing purpose).	24.5 inch TFT LCD (power consumption: 16.82W; LED array voltage: 51.7V)	--	Tested in equipment
Alt.)	LG Display	LM245W** (*can be 0-9, A-Z or blank for marketing purpose).	24.5 inch TFT LCD (power consumption: 21.8W; LED array voltage: 52.2V)	--	Tested in equipment
Alt.)	TPV	TPM245W**.* (*can be 0-9, A-Z or blank for marketing purpose).	24.5 inch TFT LCD (power consumption: 17.2W; LED array voltage: 54.0V)	--	Tested in equipment
Tube used to wrap metal chassis pillar	JIANGSU PEARL SILICONE RUBBER MATERIAL CO LTD	TMC-8750A series, HD-87	V-0, 150°C, min. thickness 0.6mm	UL 94, UL746	UL E231325 and tested with appliance
Alt.)	SHENZHEN SHI SENMUSI TECHNOLOGY CO LTD	SMS	V-0, 150°C, min. thickness 0.6mm	UL 94, UL746	UL E477535 and tested with appliance
Switching mode power supply board: 715GC023					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC16/FI/2 0/10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40003610, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 9, SA-4S 6	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 7	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	TUV R 50274698 0001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40028101, UL E102641
Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40015913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	SE-ENEC-2001967, UL E317189
Alt.)	TECX	TU-301 series	10A, 250Vac	ANSI/UL60320-1	UL E220004

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23	10A, 250Vac	IEC/EN 60321-1, ANSI/UL60320-1	VDE 40028645, UL E327347
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320-1	UL E94191
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC, UL, TUV mark
Fuse (F901) on primary	Littelfuse Inc.	382	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	Conquer	MST	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R503717560001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E220181
Alt.)	Walter	2010 Serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T4AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T4AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Walter	ICP-Series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T4AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Fuse (F902, F903) on secondary for L.P.S.	Littelfuse Inc.	382	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018250, UL E67006
Alt.)	Littelfuse Inc.	392	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017155, UL E82636
Alt.)	Conquer	MST	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 503717560001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40020046, UL E19180
Alt.)	Cooper Bussmann LLC	SS-5	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018787, UL E220181
Alt.)	Walter	2010 Serie(s)	T5AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Walter	ICP-Series	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T5AL, 250Vac	EN 60127-1, EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Y- Capacitor (C920, C921) Y1 or Y2 type (optional)	Walsin	AC	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40037221, UL E114280
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40037218, UL E114280

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y- Capacitor (C900) Y1 type (optional)	Walsin	AH	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 3300pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 3300pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C914) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.47µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Europtronic	MPX	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT9700014 1, UL E97797
Alt.)	TDK	B3292	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.47µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jianghao	CBB62B	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Photo Coupler (U902)	Sharp	PC123 (UL), PC123 Option Y (VDE)	Di more than 0.4mm, int = thermal cycling test, ext. more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40008087, UL E64380
Alt.)	Vishay Semiconductor	TCET1103-3034	Di more than 0.5mm, int = thermal cycling test, ext. cr more than 7.7mm, 4000Vac, 100°C.	EN 60747-5-5	VDE 40028080
Alt.)	Everlight Electronics Co., Ltd.	EL817	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 132249, UL E214129
Alt.)	Everlight Electronics Co., Ltd.	EL817M (VDE), EL817 (UL)	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5	VDE 132249, UL 214129
Alt.)	TOSHIBA	TLP781F, TLP781	Di more than 0.5mm, int. cr =thermal cycling test, ext. cr more than 6.5mm, 4800Vac, 115°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40021173, UL E67349
Alt.)	TOSHIBA	TLP421F	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5	VDE 40010944
Alt.)	RENESAS ELECTRONICS CORPORATION	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2- 1, PS2561DL1-1	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 7.0mm, 5000Vac, 100°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40008862, UL E72422
Alt.)	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 8.1mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40028391, UL E214129
Alt.)	Lite-On	LTV-817	Di more than 0.6mm, int.cr=thermal cycling test, ext. cr more than 7.0mm, 4800Vac, 115°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40015248, UL E113898
Alt.)	Interchangeable	Interchangeable	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 7.0mm, min. 4000Vac, min. 100°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE, UL
Line Choke (L901) (Optional)	ASET	373G0174558X	130°C	--	--
Alt.)	LIANFENG	373G0174558J	130°C	--	--



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Taichang	373G0174558S	130°C	--	--
Transformer (T901)	PHOENIX	380GL19P0170P	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL E41429
-Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E332529, VDE40033527
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBE TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	LIANFENG	380GL19P0170J	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL E41429
-Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBE TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	TPV	80GL19P-17-N	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL E41429
-Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	SYMBIO INC	NO. 35660Y*d	130°C	UL 510	UL E50292
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBE TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	Taichang	380GL19P0170S	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	Sumitomo Bakelite Co., Ltd.	PM-9820	Phenolic, V-0, 150°C	UL94	UL E41429
-Triple insulation wire	GREAT LEOFLON INDUSTRIAL CO.,LTD	TRW(B)	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E211989, VDE 136581
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBE TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	LI TAI	380GL19P0170L	Class 130 material (B)	Applicable parts of IEC 60950-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	CHANG CHUN PLASTICS CO. LTD	200NA	Phenolic, V-0, 150°C	UL94	UL E59481
-Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
- Insulation tape (Alt.)	SYMBIO INC	NO. 35660Y*d	130°C	UL 510	UL E50292



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue

6 de junho de 2024

June 6, 2024

Revisão/Review: **04**

Validade / Expiration

5 de junho de 2027

June 5, 2027

-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBE TFL	200°C	UL 224	UL E156256
Rating information of components which are not critical components on power board 715GC023					
P.C.B	Interchangeable	Interchangeable	V-1 or better Min. 130°C.	UL 796	UL
Current sensing Resistor (R919)	Interchangeable	Interchangeable	Min. 0.3Ω, min. 1/10W	--	--
Thermistor (TH901)	Interchangeable	Interchangeable	Min. 3Ω at 25°C, min. 2A	--	--
Bridging Diode (BD901, BD902)	Interchangeable	Interchangeable	Min.600V, min.2.0A	--	--
Ripple Capacitor (C902, C903)	Interchangeable	Interchangeable	47-180μF, max. 450V, 105°C	--	--
Bleeder Resistor (R916, R917, R918)	Interchangeable	Interchangeable	Each Max. 680KΩ, Min.1/4W	--	--
Transistor (Q901)	Interchangeable	Interchangeable	Min.500V, min.2A	--	--

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix S (Modelo/Model: **24B30***, **24B35*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 19VDC, 1.31A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (Second Edition) + Am1:2009 + Am2:2013; CISPR 32:2015+A1:2019, CISPR 35: 2016, IEC 61000-3-2: 2014, IEC 61000-3-3: 2013, IEC 61000-4-2: 2008, IEC 61000-4-3:2006/A2:2010, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014, IEC 61000-4-6:2013/COR1:2015, IEC 61000-4-8: 2009, IEC 61000-4-11: 2004

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Mains cord set	Interchangeable	Interchangeable	--	NBR 14136, NBR NM 60884-1	INMETRO
External power supply	TPV Electronics (Fujian) Co., Ltd.	ADPC1925EX	Input: 100-240 V AC, 50 - 60 Hz, 1,3 A, Class II; Output: 19,0 V DC, 1,31 A, 25,0 W, Tma = 40 °C, PS2, Altitude: 5000m	IEC 62368-1:2014; EN 62368-1:2014 + A11:2017	 (CB certificate No. NO106527; CB report No. 373441)
Alt.	Ten Pao Industrial Co., Ltd.	S025ANP1900131	input: 100-240 V AC, 50/60 Hz, 0,6 A, Class II; Output: 19,0 V DC, 1,31 A, 25,0 W, Tma = 40 °C, Outputs comply with LPS, Altitude: 5000m	IEC 62368-1:2018	TUV Rheinland (CB Cert.: JPTUV-149645, report No.: CN23WCFE001)
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	V-0, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	CHI MEI CORPORATION	PA-757(+)	HB or Better, Min. thickness: 1,5 mm, 80 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,0 mm, Min. 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-110(+)	HB or Better, Min. thickness: 1,5 mm, 105 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540H	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540(Y)(a)	HB or Better, Min. thickness: 0,75 mm, Min. 60 °C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350	HB or Better, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	HF380	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better, Min. thickness: 1,6mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568(#), SE885(#)	HB or Better, Min. thickness: 1,6mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569(#)	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP1000(Z), GP1000	HB or Better, Min. thickness: 1,5mm, 130 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better, Min. thickness: 1,0mm, Min. 60 °C	ANSI/UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E88637)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB or Better, Min. thickness: 1,4 mm, 50 °C	ANSI/UL 94	UL (E314268)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E310240)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	V-2 or Better, Min. thickness: 0,75 mm, 60 °C	ANSI/UL 94	UL (E207780)
Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##)	HB or Better, Min. thickness: 1,0 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011(II)	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, HIPS-4418, HIPS-5197, HIPS-3399, HIPS-CM(ee), HIPS- HG(ee)	HB or Better, Min. thickness: 1,3 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011C, CK-100	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	HP-126, ABS-660, ABS- 122, GAR-332, H12, G360, GAR-322, GAR- 220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR- 011C, GAR-011(ww)	HB or Better, Min. thickness: 1,2 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	UNIC TECHNOLOGY CORP.	UR-3006+(R35) (a), UR-3006+(R90) (a), UR-3006+(RXX) (a), UP-700+, UR-7085+(R90)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E135175)
Alt.	UNIC TECHNOLOGY CORP.	UR-200+	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E205938)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E359575)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E234833)
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	NH-1017SG(+), NH-1017(p)	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), GC-0700(+++), LX-0951(+)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0675(+)	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	HG-0760(+)	HB or Better, Min. thickness: 1,2 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	LX-0957(+)	HB or Better, Min. thickness: 1,2 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E230779)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(B)G-A	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E330547)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR35/65/85	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E345434)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(####)(Y), YOUHO13(##)(YY)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E471190)
Alt.	RUNYE(CHONGQI NG) NEW MATERIALS CO.,LTD	GU-022	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E514505)
Alt.	RUNYE(CHONGQI NG) NEW MATERIALS CO., LTD	Ecorex® RN - +(R #)	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H(#)	HB or Better, Min. thickness: 0,45 mm, 80 °C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB or Better, Min. thickness: 0,45 mm, 60 °C	ANSI/UL 94	UL (E98529)
Alt.	Formosa Idemitsu Petrochemical Corp	#1900+(f2)	HB or Better, Min. thickness: 1,5 mm, 125 °C	ANSI/UL 94	UL (E238753)
Alt.	Interchangeable	Interchangeable	HB or Better, Min. thickness: 0,45 mm, Min. 50 °C	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	Min. V-1, 105 °C	UL 796	UL
LCD Panel	TPV	TPM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	TPV	TPT238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	AUO	M238***** (* can be A to Z, a to z, 0 to 9, '+', -', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	AUO	LM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	AUO	P238***** (* can be A to Z, a to z, 0 to 9, '+', -', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	L&T	LM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	LGD	LM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	INNOLUX	M238***** (* can be A to Z, a to z, 0 to 9, '+', -', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	PANDA	LM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	BOE	MV238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	SHARP	LQ238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	SAMSUNG	LTM238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance
Alt.	BOE	ME238***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 62368-1	Test with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix T (Modelo/Model: 27G2E1, 27G2***, C27G2*****, C*27G2*****, Q27G2*****, U27G2*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015 + A1:2019 Class B, CISPR 35:2016, IEC 61000-3-2:2018, IEC 61000-3-3: 2013 + A1:2017, IEC 61000-4-2: 2008, IEC 61000-4-3: 2020, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11 : 2020

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Mains cord set	Interchangeable	Interchangeable	--	NBR 14136, NBR NM 60884-1	INMETRO
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 oC	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 oC	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	V-0, Min. thickness: 1,6 mm, 60 oC	ANSI/UL 94	UL (E328304)
Alt.	CHI MEI CORPORATION	PA-757(+)	HB or Better, Min. thickness: 1,5 mm, 80 oC	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,0 mm, Min. 60 oC	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-110(+)	HB or Better, Min. thickness: 1,5 mm, 105 oC	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540H	HB or Better, Min. thickness: 0,8 mm, 60 oC	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540(Y)(a)	HB or Better, Min. thickness: 0,75 mm, Min. 60 oC	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350	HB or Better, Min. thickness: 1,4 mm, 60 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	HF380	HB or Better, Min. thickness: 0,8 mm, 60 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better, Min. thickness: 1,6mm, 60 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568(#), SE885(#)	HB or Better, Min. thickness: 1,6mm, 50 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569(#)	HB or Better, Min. thickness: 1,5 mm, 50 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP1000(Z), GP1000	HB or Better, Min. thickness: 1,5mm, 130 oC	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better, Min. thickness: 1,0mm, Min. 60 oC	ANSI/UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E88637)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB or Better, Min. thickness: 1,5 mm, 50 oC	ANSI/UL 94	UL (E314268)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB or Better, Min. thickness: 1,4 mm, 50 oC	ANSI/UL 94	UL (E314268)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E310240)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	V-2 or Better, Min. thickness: 0,75 mm, 60 oC	ANSI/UL 94	UL (E207780)
Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##),	HB or Better, Min. thickness: 1,0 mm, 50 oC	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011(II)	HB or Better, Min. thickness: 1,0 mm, 60 oC	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, HIPS-4418, HIPS-5197, HIPS-3399, HIPS-CM(ee), HIPS- HG(ee)	HB or Better, Min. thickness: 1,3 mm, 50 oC	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011C, CK-100	HB or Better, Min. thickness: 1,6 mm, 60 oC	ANSI/UL 94	UL (E171666)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	KINGFA SCI & TECH CO LTD	HP-126, ABS-660, ABS-122, GAR-332, H12, G360, GAR-322, GAR-220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or Better, Min. thickness: 1,2 mm, 60 oC	ANSI/UL 94	UL (E171666)
Alt.	UNIC TECHNOLOGY CORP.	UR-3006+(R35) (a), UR-3006+(R90) (a), UR-3006+(RXX) (a), UP-700+, UR-7085+(R90)	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E135175)
Alt.	UNIC TECHNOLOGY CORP.	UR-200+	HB or Better, Min. thickness: 1,5 mm, 50 oC	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better, Min. thickness: 1,0 mm, 60 oC	ANSI/UL 94	UL (E205938)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t)	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E359575)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better, Min. thickness: 1,5 mm, 50 oC	ANSI/UL 94	UL (E234833)
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150	HB or Better, Min. thickness: 1,0 mm, 60 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	NH-1017SG(+), NH-1017(p)	HB or Better, Min. thickness: 0,8 mm, 60 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 50 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), GC-0700(+++), LX-0951(+)	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0675(+)	HB or Better, Min. thickness: 1,5 mm, 50 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	HG-0760(+)	HB or Better, Min. thickness: 1,2 mm, 60 oC	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	LX-0957(+)	HB or Better, Min. thickness: 1,2 mm, 50 oC	ANSI/UL 94	UL (E115797)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E230779)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(B)G-A	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E330547)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR35/65/85	HB or Better, Min. thickness: 1,6 mm, 60 oC	ANSI/UL 94	UL (E345434)
Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(####)(Y), YOUHO13(##)(YY)	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E471190)
Alt.	RUNYE(CHONGQING) NEW MATERIALS CO.,LTD	GU-022	HB or Better, Min. thickness: 1,5 mm, 60 oC	ANSI/UL 94	UL (E514505)
Alt.	RUNYE(CHONGQING) NEW MATERIALS CO., LTD	Ecorex® RN - +(R #)	HB or Better, Min. thickness: 0,8 mm, 60 oC	ANSI/UL 94	UL (E514505)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H(#)	HB or Better, Min. thickness: 0,45 mm, 80 oC	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB or Better, Min. thickness: 0,45 mm, 60 oC	ANSI/UL 94	UL (E98529)
Alt.	Formosa Idemitsu Petrochemical Corp	#1900+(f2)	HB or Better, Min. thickness: 1,5 mm, 125 oC	ANSI/UL 94	UL (E238753)
Alt.	Interchangeable	Interchangeable	HB or Better, Min. thickness: 0,45 mm, Min. 50 oC	ANSI/UL 94	UL
Internal metal enclosure	Interchangeable	Interchangeable	Metal, Min. thickness: 0,5 mm	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Base stand (optional)	LOTTE CHEMICAL CORPORATION	SD-0150	HB or Better, thickness: 1,0 mm, 60 oC	ANSI/UL 94	UL (E115797)
Alt.	Interchangeable	Interchangeable	HB or Better, thickness: 1,0 mm, 60 oC	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	V-1 or better, Min. 130 oC	UL 796	UL
Insulation Sheet (between power board and LCD panel or between power board and metal cover or metal enclosure to cover the openings)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700-83A, DFR700-83B, DFR117, DFR117ECO.A , DFR117ECO.B , DFR117ECO.C	Polycarbonate, min. thickness: 0,4mm, V-0, 80 oC	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	Polycarbonate, min. thickness: 0,4 mm, V-0, 110 oC	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	Polycarbonate, min. thickness: 0,4 mm, V-0, 130 oC	ANSI/UL 94	UL (E199019)
Alt.	Sichuan Longhua Film Co Ltd	PC-770 , PC-770 A, PC-870 A, PC-770-60B, PC-770-60B-A, PC-770- 63B, PC-770-63B-A, PC-770- 65B, PC-770-65B-A, PC-770-83 , PC-770-83B , PC-770-83F , PC-770F, PC-770F-A	Polycarbonate, min. thickness: 0,4mm, V-0, 80 oC	ANSI/UL 94	UL (E254551)
Alt.	KunShan Dobesty Optoelectronic Materials Co Ltd	PC9821B, PC9832B, PC9842B, DB98HD, DB98	Polycarbonate, min. thickness: 0,4mm, V-0, 80 oC	ANSI/UL 94	UL (E339070)
Alt.	SUZHOU OMAI OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	Polycarbonate, min. thickness: 0,4mm, V-0, 80 oC	ANSI/UL 94	UL (E249605)
Alt.	JINGMEN GORUN TECHNOLOGY CO LTD	HF70, HE70(x)(#)	Polycarbonate, thickness: 0,40 mm min. V-0, 80 oC	ANSI/UL 94	UL (E305163)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F TS-FR383H, TS-FR360H	Polycarbonate, thickness: 0,40 mm min. V-0, 80 oC	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1365, TS-FR1363, TS-FR1360, TS-FR1362, TS-FR160Y, TS-FR1370F, TS-FR1370, TS-FR1383, TS-FR1370-32, TS-FR1383-13	Polycarbonate, thickness: 0,40 mm min. V-0, 125 oC	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEEBON PLASTICS TECHNOLOGY CO LTD	TB-FR65, TB-FR63, TB-FR60, TB-FR1, TB-FR60Y, TB-FR70F, TB-FR70, TB-FR183, TB-FR700, TB-FR83	Polycarbonate, thickness: 0,4 mm min. V-0, 125 oC	ANSI/UL 94	UL (E357515)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-870B, KLX FRPC-870BF, KLX FRPC- 870BH, KLX FRPC- 870BFH, KLX FRPC-83B, KLX FRPC-83, KLX FRPC-F70, KLX FRPC- 700B, KLX FRPC-700BF, KLX FRPC-60, KLX FRPC-60H, KLX FRPC- 63, KLX FRPC-63H, KLX FRPC-65, KLX FRPC- 65H, KLX FRPC-1870B	Polycarbonate, thickness: 0,4 mm min. V-0, 80 oC	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1860, KLX FRPC-1860B, KLX FRPC- 1860-83, KLX FRPC- 1860-83B, KLX FRPC- 1860-1, KLX FRPC-1860- NTC, KLX FRPC-1860B- NTC, KLX FRPC-1860B- 3, KLX FRPC-1870B-K, KLX FRPC-1860B-HY, KLX FRPC-1860-HY, KLX FRPC-1860B-K, KLX FRPC-1860-K, KLX FRPC-1860W	Polycarbonate, thickness: 0,4 mm min. V-0, 80 oC	ANSI/UL 94	UL (E315185)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1880, KLX FRPC-1880B, KLX FRPC- 1880-83, KLX FRPC- 1880-83B, KLX FRPC- 1880-1, KLX FRPC- 1880B-1, KLX FRPC- 1880-2, KLX FRPC- 1880B-2, KLX FRPC- 1880-3, KLX FRPC- 1880B-3, KLX FRPC- 1880-NTC, KLX FRPC- 1880B-NTC, KLX FRPC- 1880B-HY, KLX FRPC- 1880-HY, KLX FRPC- 1880B-K, KLX FRPC- 1880-K, KLX FRPC-1860- YM, KLX FRPC-1860B- YM, KLX FRPC-1880-YM, KLX FRPC-1880B-YM, KLX FRPC-1880W, KLX FRPC-1880W-1, KLX FRPC-1860B-KS, KLX FRPC-1860-KS, KLX FRPC-1880-KS, KLX FRPC-1880B-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 125 oC	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX PP BK-10-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 110 oC	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1890B, KLX FRPC-1890, KLX FRPC- 1890-83, KLX FRPC- 1890-83B, KLX FRPC- 1890-1, KLX FRPC- 1890B-1, KLX FRPC- 1890-2, KLX FRPC- 1890B-2, KLX FRPC- 1890B-3, KLX FRPC- 1890-3, KLX FRPC- 1890B-3, KLX FRPC- 1890-NTC, KLX FRPC- 1890B-NTC, KLX FRPC- 1890B-HY, KLX FRPC- 1890-HY, KLX FRPC- 1890B-K, KLX FRPC- 1890-K, KLX FRPC-1890- YM, KLX FRPC-1890B- YM, KLX FRPC-1890W, KLX FRPC-1890W-1, KLX FRPC-1890B-KS, KLX FRPC-1890-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 115 oC	ANSI/UL 94	UL (E315185)
Alt.	NANTONG HUAPU PHOTOELECTRIC MATERIAL CO., LTD	HPC-EFR87X	Polycarbonate, thickness: 0,4 mm min. V-0, 80 oC	ANSI/UL 94	UL (E508063)
Alt.	Interchangeable	Interchangeable	Polycarbonate, thickness: 0,4 mm, min. V-0, Min. 80 oC	ANSI/UL 94	UL
LCD Panel	TPV	TPM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	TPV	TPT270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	AUO	M270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	AUO	LM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	AUO	P270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	L&T	LM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	LGD	LM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	INNOLUX	M270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	PANDA	LM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	BOE	MV270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	SHARP	LQ270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	SAMSUNG	LTM270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	BOE	ME270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ' or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Adhesive for mylar sheet between power board and metal enclosure	SYMBIO	DS50-A, DS50L	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	3M	55235, 55236, 9448A, 55230, 9495MP	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10, LA9120	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	NITTO DENKO CORP	GA835	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	TESA SE	68646	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	RIALS CORP	G4000	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	FUJIAN YOUYI ADHESIVE TAPE GROUP CO., LTD	YS310	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Speaker (Optional)	Interchangeable	Interchangeable	4Ω, 2,5W *2	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
For power board 715GC023					
AC-Inlet (CN901)	Solteam	ST-01 (For ENEC) ST-01A ST-01C (For VDE) ST-01 Series (For UL)	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	ENEC (ENEC16/FI/20/10 036) VDE (40015691) UL (E200241)
Alt.	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1 (For VDE), SA-4S 7, SA-4S 9 (For TUV), SA-4S 6, SA-4S 12 (For UL)	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	VDE (40003610) TUV (R 50293856) UL (E154342)
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	VDE (40028101) UL (E102641)
Alt.	Kunshan DLK Electronics Technology Co., Ltd	CDJ-3	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	VDE (40010513) UL (E217394)
Alt.	Kunshan DLK Electronics Technology Co., Ltd	CDJ-3-1	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	VDE (40015913) UL (E217394)
Alt.	INALWAYS ELECTRONICS INC	0707-1, 0711-2, 0714	10A, 250Vac	UL 60320-1	UL (E94191)
Alt.	TECX-UNIONS TECHNOLOGY CORP	TU-301 series	10A, 250Vac	UL 60320-1	UL (E220004)
Alt.	Yueqing Hongchang Radio Co., Ltd	DB-14 series	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	VDE (40028645) UL (E327347)
Alt.	Solteam Incorporation	SC04 (For ENEC), SC04-1BWW, SC04- 2BTT	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	ENEC (ENEC16/FI/20/10 040) UL (E200241)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

<i>Alt.</i>	Interchangeable	Interchangeable	10A, 250Vac	IEC 60320-1: 2015 + A1: 2018 EN 60320-1: 2015 + AC: 2016 + AC: 2019 + A1: 2021 UL 60320-1	EU / UL certification mark
<i>Fuse (F901 on primary)</i>	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
<i>Alt.</i>	Littelfuse Inc.	382	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018249) UL (E67006)
<i>Alt.</i>	Littelfuse Inc.	392	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)
<i>Alt.</i>	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
<i>Alt.</i>	Conquer Electronics Co., Ltd.	MET	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017157) UL (E82636)
<i>Alt.</i>	Conquer Electronics Co., Ltd.	MST	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)
<i>Alt.</i>	Suzhou Walter Electronic Co. Ltd.	2010	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
<i>Alt.</i>	Suzhou Walter Electronic Co. Ltd.	2000	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018790) UL (E56092)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)
Alt.	Interchangeable	Interchangeable	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Fuse (F902, F903 in secondary)	Cooper Bussmann LLC	SR-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
Alt.	Littelfuse Inc.	382	T5AL, 250Vac	UL 248-1 UL 248-14	UL (E67006)
Alt.	Littelfuse Inc.	392	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)
Alt.	Cooper Bussmann LLC	SS-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
Alt.	Conquer Electronics Co., Ltd.	MET	T5AL, 250Vac	UL 248-1 UL 248-14	UL (E82636)
Alt.	Conquer Electronics Co., Ltd.	MST	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
Alt.	Suzhou Walter Electronic Co. Ltd.	2000	T5AL, 250Vac	UL 248-1 UL 248-14	UL (E56092)
Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Interchangeable	Interchangeable	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011+ A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Y-cap (C920, C921, C944) (optional)	TDK CORPORATION	CD	Max. 1000 pF, 250 Vac, Min. 85°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 1000 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AH	Max. 1000 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001804) UL E146544
Alt.	JYA-NAY CO LTD	JN	Max. 1000 pF, AC 400 / 250 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	UL (E201384)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SB	Max. 1000 pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 1000 pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 1000 pF, Min. 250Vac, 85°C min. Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	EU / UL certification mark
Y-cap (C900) (optional)	TDK CORPORATION	CD	Max. 3300 pF, 250/ 400 Vac, Min. 85°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 3300 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AH	Max. 3300 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001804) UL E146544
Alt.	JYA-NAY CO LTD	JN	Max. 3300 pF, AC 400 / 250 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	UL (E201384)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 3300 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SB	Max. 3300 pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 3300 pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 3300 pF, Min. 250Vac, 85°C min. Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	EU / UL certification mark
X- Cap. (C914) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0,47µF, AC 250/275/280/300/ 305/310V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40015608) UL (E183780)
Alt.	Euoptronic (SuZhou) Co. Ltd.	MPX	Max. 0,47µF, AC 275V; Min. 105 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018238) UL (E211347)
Alt.	Euoptronic (SuZhou) Co. Ltd.	MPX	Max. 0,47µF, AC 275/305 V; 110 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40025981) UL (E211347)
Alt.	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0,47µF, 275 / 305 /310 VAC, X2 type, Min. 105 °C	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40000358) UL (E186600)
Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0,47µF, 275/300/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	ENEC (V4413) UL (E97797)
Alt.	LIOW GU ELECTRONICS INDUSTRY CO LTD	GS-L	Max. 0,47µF, 250/275/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40023391) UL (E186321)
Alt.	TDK (Zhuhai FTZ) Co., Ltd.	B3292	Max. 0,47µF, 305Vac; 105°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40010694) UL (E97863)
Alt.	NANJING TENGGEN RONG GUANG DA ELECTRONICS (GROUP) CO LTD	MKP	Max. 0,47µF, AC 250 V / 275 / 305 / 310 V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40028680) UL (E200596)
Alt.	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max. 0,47µF, AC 250 / 280 / 305 V, Min.; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018690) UL (E252286)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Interchangeable	Interchangeable	Max. 0,47µF, 250Vac Min.; 100°C Min.	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	UL / EU certification mark
Optocoupler (U902)	Lite-on	LTV-817	Ext. cr ≥ 7,0 mm, Dti ≥ 0,4 mm, 105°	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40015248) UL (E113898)
Alt.	Sharp	PC123	Ext. cr ≥ 6,4 mm, Dti ≥ 0,4 mm, 110° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008087) UL (E64380)
Alt.	VISHAY Semiconductor GmbH	TCET1103-3034	Ext. cr ≥ 8,4 mm, Dti ≥ 0,4 mm, 100°	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40028080)
Alt.	Everlight Electronics Co., Ltd.	EL817M, EL817	Ext. cr ≥ 7,6 mm, Dti ≥ 0,4 mm, 110° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (132249) UL (E214129)
Alt.	TOSHIBA CORP	TLP781, TLP781F	Ext. cr ≥ 6,5 mm, Dti ≥ 0,4 mm, 110° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40021173) UL (E67349)
Alt.	TOSHIBA CORP	TLP421F, TLP421	Min. Ext. cr ≥ 7,0 mm, Dti ≥ 0,4 mm, 110° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40010944) UL (E67349)
Alt.	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Min. Ext. cr ≥ 8,1 mm, Dti ≥ 0,4 mm, 110° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40028391) UL (E214129)
Alt.	RENESAS	PS2561DL1-1, PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1	Min. Ext. cr ≥ 7,1 mm, Dti ≥ 0,4 mm, 100° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008862) UL (E72422)
Alt.	Interchangeable	Interchangeable	Min. Ext. cr ≥ 6,4 mm, Dti ≥ 0,4 mm, 100° C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	UL / EU certification mark
Line Choke (L901) (Optional)	ASET	373G0174558X	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	LIANFENG	373G0174558J	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Transformer (T901)	PHOENIX	380GL19P0170P	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	PHOENIX	PH01024600	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	LFDJ	380GL19P0170J	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	LFDJ	BCK-35-L01379	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
- Bobbin	SUMITOMO BAKELITE CO., LTD	PM-9820	V-0, 150 °C	UL 94	UL (E41429)
- Magnet Winding	PROSPERITY ELECTRIC WIRE & CABLE CO	UEW	130°C	ANSI/UL 1446	UL (E196072)
- Alt.	HENG YA ELECTRIC KUN SHAN LTD	TYPV-130(UEW/QA-B), TYA1-130(UEW/QA-B)	130 °C	ANSI/UL 1446	UL (E245514)
- Alt.	SHANDONG SAINT ELECTRIC CO LTD	*UEW/130, QA-*/130, *UEW/130 Litz, QA-*/130 Litz, MW75- C	130 °C	ANSI/UL 1446	UL (E194410)
- Alt.	GUANGZHOU WANBAO ENAMELLED WIRE CO LTD	xUEW-130, QA-x/130	130°C	ANSI/UL 1446	UL (E167402)
- Alt.	Interchangeable	Interchangeable	130°C	ANSI/UL 1446	UL
- Triple insulation wire	KBI COSMOLINK CO., LTD.	TIW-M (For VDE), TIW-M(XX) (For UL)	Reinforced insulation, 130°C	EN 62368-1: 2014 + A11:2017 IEC 62368-1: 2014 ANSI/UL 2353	VDE (138053) UL (E213764)
- Alt.	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B* (For VDE), TIW-B* (For UL)	Reinforced insulation, 130°C	EN 62368-1: 2014 + A11:2017 IEC 62368-1: 2014 ANSI/UL 2353	VDE (40033527) UL (E332529)
- Insulation tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	PET film insulating tape, 130°C	CAN/UL 510A	UL (E165111)
- Tube	GREAT HOLDING INDUSTRIAL CO., LTD.	TFL	PTFE, 200°C, VW-1	UL 224	UL (E156256)
- Alt.	CHANGYUAN ELECTRONICS (SHENZHEN) CO LTD	CB-TT-L	PTFE, 200°C, VW-1	UL 224	UL (E180908)
Bleeding resistors (R916, R917, R918)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series,	Max. 680 kohm, 1/4 W	IEC 62368-1: 2014	CB of Nemko NO99693
Alt	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Max. 680 kohm, 1/4 W	IEC 62368-1: 2014	CB of Nemko NO99692
Alt	YAGEO	RV0603, RV0805, RV1206	Max. 680 kohm, 1/4 W	IEC 62368-1: 2014	CB of UL certificate no. DK-64853-UL
Alt	TZAIYUAN	HSMD***** SMD*****	Max. 680 kohm, 1/4 W	IEC 62368-1: 2010	CB of UL certificate no. DK-29431-A1- UL
Alt.	Tzai Yuan Enterprise Co., Ltd.	MGUL1/4Wseries	Max. 680 kohm, 1/4 W	IEC 62368-1: 2014	CB issued by UL (CB cert No. DK-69874-UL)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Interchangeable	Interchangeable	Max. 680 kohm, 1/4 W	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
For main board 715GE142					
Limited current IC (U545)	Global Mixed-mode Technology Inc.	G509H10NTP1G	DC 2,7V – 5,5V; Continuous operating current of 1,0A	IEC 62368- 1:2018 EN IEC 62368- 1:2020 + A11: 2020 ANSI/UL 2367	 (CB report No. CN213HMD 001; CB certificate No. JPTUV-126218) UL (E232223)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix U (Modelo/Model: 24B3HMF2, **24B3***)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015 + A1:2019 Class B, CISPR 35:2016, IEC 61000-3-2:2018, IEC 61000-3-3: 2013 + A1:2017, IEC 61000-4-2: 2008, IEC 61000-4-3: 2020, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11: 2020

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Mains cord set	Interchangeable	Interchangeable	--	NBR 14136, NBR NM 60884-1	INMETRO
Plastic material of enclosure	Grand	D-1000A, D-150	HB or better, min. 1.5mm thickness	UL 94	UL (E88637)
Alt.)	LG CHEM LTD	LUPOY GN- 5001TF(#), LUPOY GN- 5001RF(T), LUPOY GN- 5008HF(#), LUPOY GN- 2101F(m)(f1), XG568(#), XG569(#), GP-1000(m)(#), SE885(#), AF365(&), AF368(#), AF358	HB or better, min. 1.5mm thickness	UL 94	UL (E67171)
Alt.)	LOTTE CHEMICAL CORPORATION	VH-0810(+), VE-1890(+), EN-1052(+), VH-0815(+), VH-0819(+), HM-1100(+), VE-0819F, NH-1017T, NH-1017SG(+), VE-0812(+), NH-1000T(+)(&), NE-1030(+), LS-1159(r), LS-1159SF, LS-1159F, NH-1036, GC-1017(RR30), SD-0150(+), BF-0677(+), BF-0675(+), BF-0670F, GC-0700(++)(RR28), LX-0951(+), LX-0957(+), HG-0760(+), NH-1027HF, NH-1027(+), SD-0150T, GC-1036(RR35), SC-1220R, ABF-0200E, ABF-1030NH	HB or better, min. 1.5mm thickness	UL 94	UL (E115797)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	KingFa	HF-606, HF-626, FRABS-518, JH960 6(M) (ccc) (##), FRHIPS-960, CK-572(M1) (##), FRABS-518C, 5197, RS-(hh)0, GAR-011C, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-55(M) (##), HP-126, CK-61(M) (##), HIPS-510 (o), HIPS-550	HB or better, min. 1.5mm thickness	UL 94	UL (E171666)
Alt.)	Covestro Deutschland AG [PC Resins]	FR3005, GF9011 MF + (z), FR3050 +	HB or better, min. 1.5mm thickness	UL 94	UL (E41613)
Alt.)	TEIJIN	TN-7500(c)	HB or better, min. 1.5mm thickness	UL 94	UL (E98529)
Alt.)	TEIJIN	MN-3600H(##)	HB or better, min. 1.5mm thickness	UL 94	UL (E244324)
Alt.)	SAMYANG	TRILOY:210NHF (@), 210NHF	HB or better, min. 1.5mm thickness	UL 94	UL (E121254)
Alt.)	CHI MEI	PC-540A, PA-765A, PA-756S, PA-757(+)	HB or better, min. 1.5mm thickness	UL 94	UL (E56070)
Alt.)	ORINKO	HIPS-2230(N), ABS-3070(T), HIPS-2000, ABS-340(X), ABS900F23	HB or better, min. 1.5mm thickness	UL 94	UL (E328304)
Alt.)	SABIC	C6600	HB or better, min. 1.5mm thickness	UL 94	UL (E207780)
Alt.)	Haier	HRABS-RS, HRABS-HG	HB or better, min. 1.5mm thickness	UL 94	UL (E230779)
Alt.)	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A, DS-1202G, DS-7106	HB or better, min. 1.5mm thickness	UL 94	UL (E103670)
Alt.)	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	3441, 260-XX	HB or better, min. 1.5mm thickness	UL 94	UL (E314268)
Alt.)	WISTRON	GA(M)(b)(c), NC(N)(a), GA85	HB or better, min. 1.5mm thickness	UL 94	UL (E359575)
Alt.)	HINGLONG	HL-ABS- PCR35/65/85	HB or better, min. 1.5mm thickness	UL 94	UL (E345434)
Alt.)	WOTE	2100	HB or better, min. 1.5mm thickness	UL 94	UL (E310240)
Alt.)	GUO HENG	YOUHO(####)(Y), YOUHO13(##)(Y Y), YOUHE26(##)	HB or better, min. 1.5mm thickness	UL 94	UL (E471190)
Alt.)	UNIC	UR-3006+(RXX), UR-200+, UR-7085+(R90), UP-700+	HB or better, min. 1.5mm thickness	UL 94	UL (E135175)
Alt.)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 1.5mm thickness	UL 94	UL (E205938)
Alt.)	CHI LIN	GA-1(aaa)	HB or better, min. 1.5mm thickness	UL 94	UL (E177071)
Alt.)	FUHENG	HIPS-568, FH-101, FH-102	HB or better, min. 1.5mm thickness	UL 94	UL (E234833)
Alt.)	QING DAO GON TECHNOLOGY CO.,LTD.	ABS21(xx)G-A, ABS2030A, ABS20(xx)B	HB or better, min. 1.5mm thickness	UL 94	UL (E330547)
Alt.)	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AC2820-A	HB or better, min. 1.6mm thickness	UL 94	UL (E162823)
Alt.)	Chongqing Gengye New Materials Technology Co Ltd	Ecorex® RN - + (R #), GU-022	HB or better, min. 1.5mm thickness	UL 94	UL (E514505)
Alt.)	Interchangeable	Interchangeable	HB or better, min. 1.5mm thickness	ANSI/UL 94	UL
Internal metal enclosure	Interchangeable	Interchangeable	Metal, Min. thickness: 0,5 mm	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Base stand (optional use)	Interchangeable	Interchangeable	Metallic covered by the HB or better plastic	--	--
PWB	Interchangeable	Interchangeable	V-1 or better, Min. 105 oC	UL 796	UL
Mylar sheet (Located between power supply board and panel) (between power board and metal enclosure)	SUZHOU OMAI OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E249605)
Alt.)	SICHUAN LONGHUA FILM CO LTD	PC-770F, PC-770F-A, PC-770	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E254551)
Alt.)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR117ECOC, DFR117ECOB, DFR117ECO, DFR3A(d)	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E199019)
Alt.)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC- 1880B, KLX FRPC- 1860B, KLX FRPC- 1870B, KLX FRPC- 870B, KLX PP BK-10, KLX PP BK-10- KS	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E315185)
Alt.)	JINGMEN GORUN TECHNOLOGY CO LTD	HF70	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E305163)
Alt.)	KUNSHAN DOBESTY OPTOELECTRONIC MATERIALS CO LTD	PC9842B, PC9821B, PC9832B, PC9821BK1, PC9832BK1, PC9821W1, PC98MNB1	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E339070)
Alt.)	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E329660)
LCD Panel	TPV	TPM238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, ".", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 14.98W; LED Array Voltage: 31.9V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	LG Display	LM238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, ".", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 17.76W; LED Array Voltage: 58.9V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	L&T	LM238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, ".", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.1W; LED Array Voltage: 38.8V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	BOE	MV238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, ".", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.04W; LED Array Voltage: 46.4V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	AUO	M238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, " ", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.17W; LED Array Voltage: 44.86V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	INNOLUX	M238***** (* can be A to Z, a to z, 0 to 9, +, -, \, /, " ", "-" or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 14.19W; LED Array Voltage: 32V	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Adhesive for mylar sheet	SYMBIO	DS50-A, DS50L	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	3M	55236, 9448A, 55230, 9495MP	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10, LA9120	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	NITTO DENKO CORP	GA835	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	TESA SE	68646	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	DEXERIALS CORP	G4000	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.)	FUJIAN YOUYI ADHESIVE TAPE GROUP CO., LTD	YS310	100°C, 0.05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Tube used to wrap metal chassis pillar	JIANGSU PEARL SILICONE RUBBER MATERIAL CO LTD	TMC-8750Aseries, HD-87	V-0, 150°C, min. thickness 0.6mm	UL 94, UL746	UL E231325 and tested with appliance
Alt.)	DONGJUE SILICONE (NANJING) CO LTD	NE-Z150	V-0, 150°C, min. thickness 1.8mm	UL 94, UL746	UL E236040
Switching mode power supply board: 715GE360 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC16/FI/20 /10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40003610, UL E154342
Alt.)	ZHANGJIAGANG HUAJIE ELECTRONIC CO LTD	SA-4S 9, SA-4S 6, SA-4S 7, SA-4S 12	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 502938560001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	TUV R 502746980001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40028101, UL E102641



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40015913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	SE-ENEC-2001967, UL E317189
Alt.)	TECX	TU-301 series	10A, 250Vac	ANSI/UL60320-1	UL E220004
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320-1	UL E94191
Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23, DB-14-14, DB-14-05E, DB-14-15-L-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40028645, UL E327347
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE, ENEC, TUV, UL
Fuse (F901) on primary	Littelfuse Inc.	382	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 503105510001-0004, UL E10480
Alt.)	Conquer	MET	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	CONQUER ELECTRONICS CO LTD	MST	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Conquer	PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 503717560001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018787, UL E220181
Alt.)	Walter	2010	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T3.15AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 504066050001- 0003, UL E56092
Alt.)	Walter	2040	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 504263560001- 0002, UL E56092
Alt.)	Walter	ICP	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Better	244	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 503357640001- 0003, UL E300003
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 125°C	ANSI/UL 60384- 14	UL E201384
Alt.)	Hongming	F	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40036393, UL E154899
Alt.)	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40012143, UL E249006
Alt.)	Haohua Electronic Co.	CT7	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 40037221, UL E114280
Alt.)	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 680pF, 250Vac, 125°C	IEC/EN 60384- 14 ANSI/UL 60384- 14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384- 14 UL 60384-14	VDE 40029780, UL E37861



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua Electronic Co.	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.47µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT97000141, UL E97797

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	TDK	B3292	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.47µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Bleeder Resistor (R907, R908, R909)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06***** series	Each Max. 620KΩ, Min. 1/4W	IEC 62368-1	CB issued by NEMKO (CB report No. REP014995 and CB cert No. NO127737)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06***** series	Each Max. 620KΩ, Min. 1/4W	IEC 62368-1	CB issued by NEMKO (CB report No. REP014996 and CB cert No. NO127738)
Alt.)	Yageo Corporation	RV1206XX- 07155ML (The first X can be D,F or J. the secondary X can be R or K)	Each Max. 620KΩ, Min. 1/4W	IEC 62368-1	CB issued by UL (CB report No. E491387-4787887815-1 Original, CB cert No. DK- 64853-UL)
Alt.)	Tzai Yuan Enterprise Co., Ltd.	HSMD1206*****, SMD1206*****	Each Max. 620KΩ, Min. 1/4W	IEC 62368-1	CB issued by UL (CB report No. DK-88747- A1-UL)
Alt.)	Interchangeable	Interchangeable	Each Max. 620KΩ, Min. 1/4W	IEC 62368-1	CB
Line Choke (L901) (Optional)	TAICHANG	373G0174600S	130°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	LIANFENG	373G0174600J	130°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.)	CHANNELON	373G0174600H	130°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Transformer (T901)	CHANNELON	380GL32P760H / CLT-116004	Class 130 material (B)	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
-Bobbin	CHANG CHUN PLASTICS CO.,LTD	T200HF	Phenolic, V-0, 150°C	UL94	UL E59481
-Triple insulation wire	KBI COSMOLINK CO., LTD	TIW-M	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL E156256



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Transformer (T901) Alt.)	LF	380GL32P760J / BCK-30-L01625	Class 130 material (B)	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
-Bobbin	CHANG CHUN PLASTICS CO.,LTD	T200HF	Phenolic, V-0, 150°C	UL94	UL E59481
-Triple insulation wire	KBI COSMOLINK CO., LTD	TIW-M	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	PHOENIX	380GL32P760P / PH01087700-1	Class 130 material (B)	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
-Bobbin	SUMITOMO BAKELITE CO., LTD	PM-9750, PM-9823	Phenolic, V-0, 150°C	UL94	UL E41429
-Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B* (UL), TIW-B (VDE)	130°C	IEC/EN 62368-1, VDE0805 Teil1, UL 2353	UL E332529, VDE 40033527
- Insulation tape	YAHUA	CT*(c)(g)	130°C	UL 510	UL E165111
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL E156256
Current sensing Resistor (R911)	Interchangeable	Interchangeable	Min. 15kΩ, min. 1/10W	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Thermistor (NR901)	Interchangeable	Interchangeable	Min. 8Ω at 25°C, max. 5A	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Bridging Diode (BD901)	Interchangeable	Interchangeable	Min.500V, min.2.0A	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Ripple Capacitor (C907)	Interchangeable	Interchangeable	10-150μF, max. 450V, 105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix V (Modelo/Model: 22B3HMF, 22B3***, Q22B3*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS: I/P: 100-240V ~ 50/60Hz, 1.5A, Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 + A1:2009 + A2:2013; CISPR 32:2015 + A1:2019 Class B, CISPR 35:2016, IEC 61000-3-2:2018, IEC 61000-3-3: 2013 + A1:2017, IEC 61000-4-2: 2008, IEC 61000-4-3: 2020, IEC 61000-4-4: 2012, IEC 61000-4-5: 2014+A1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11: 2020

Componente/ Component	Fabricante/ Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Mains cord set	Interchangeable	Interchangeable	--	NBR 14136, NBR NM 60884-1	INMETRO
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	V-0, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	HB or Better, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E207780)
Alt.	CHI MEI CORPORATION	PA-757(+), PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350, HF380	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP-1000(Z), GP-1000L	HB or Better thickness: 1,5mm, 130 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better thickness: 1,6mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568, XG568(#)	HB or Better thickness: 1,6mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569C, XG569(#)	HB or Better thickness: 1,5mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better thickness: 1,0mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GN-1002F(m)	HB or Better thickness: 1,5mm, 80 °C	ANSI/UL 94	UL (E67171)
Alt.	LOTTE CHEMICAL CORPORATION	SD-0150(+), BF-0677(+), BF-0675(+), GC-0700(+++), LX-0951(+), LX-0957(+), HG-0760(+), SD-0150T, ABF-0200E, NH-1027HF, NH-1027(+)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670F, BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	GC-1036, LS-1159SF, LS-1159F, NH-1036, GC-1036, ABF-1030NH, NH-1017SG(+)	V-0 or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E88637)
Alt.	KINGFA SCI & TECH CO LTD	5197	HB or Better Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E171666)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	KINGFA SCI & TECH CO LTD	GAR-011 C, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-55111, HP-126	HB or Better Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	CK-61506 RS-900, RS-300, RS-400, RS-(hh)0	HB or Better Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	JH960 6(M), JH960 6(M) (ccc) (##), JH960-6(M) (ccc) (##), JH960 62(M4), JH960 62(M4) (ccc) (##), JH960-62(M4) (ccc) (##)	5VB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E230779)
Alt.	DOOSAN CORPORATION ELECTRO-MATERIALS BG	DS-1107A, DS-1202G, DS-7106	V-0, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E103670)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441, 260-XX	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA1(e), GA35, NC30, GA65, GA85, GC(t) (t) – Replace the one, two, three or four numbers and/or letters to denote to serial number	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E359575)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E310240)
Alt.	UNIC	UR-200+ (+: A to Z), UR-3006+(R35), UR-3006+(R90), UR-3006+(RXX) UP-700+	HB or Better Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E205938)
Alt.	CHI LIN TECHNOLOGY CO LTD	GA-1535 GA-1(aaa)	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E177071)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E234833)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(xx)G-A, ABS2030A, ABS20(xx)B	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E330547)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR35/65/85	HB or Better Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E345434)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(1302)(B), YOUHO(1303)(B), YOUHO(1304)(B), YOUHO(1333)(B), YOUHO(####)(Y),YOUH O(1303)(OP), YOUHO13(##)(YY) YOUHO1312B	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E471190)
Alt.	Chongqing Gengye New Materials Technology Co Ltd	GU-022	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E514505)
Alt.	Interchangeable	Interchangeable	HB or Better Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL
Internal metal enclosure	Interchangeable	Interchangeable	Metal, Min. thickness: 0,5 mm	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Base stand (optional)	LOTTE CHEMICAL CORPORATION	SD-0150(+)	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	Interchangeable	Interchangeable	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	V-1 or better, Min. 105 °C	UL 796	UL
Insulation Sheet (between power board and LCD panel, between power board and metal cover)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700-83A, DFR700-83B, DFR117, DFR117ECO , DFR117ECOB , DFR117ECOC	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	Polycarbonate, min. thickness: 0,4 mm, V-0, 110 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	Polycarbonate, min. thickness: 0,4 mm, V-0, 130 °C	ANSI/UL 94	UL (E199019)
Alt.	Sichuan Longhua Film Co Ltd	PC-770 series PC-770 , PC-770 A, PC-870 A PC-770-60B, PC-770-60B-A, PC-770- 63B, PC-770-63B-A, PC-770- 65B, PC-770-65B-A, PC-770-83 , PC-770-83B , PC-770-83F , PC-770F, PC-770F-A	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E254551)
Alt.	KunShan Dobesty Optoelectronic Materials Co Ltd	PC9821B, PC9832B, PC9842B, DB98HD, DB98, PC9821BK1, PC9832BK1, PC9821W1, PC98MNB1	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E339070)
Alt.	SUZHOU OMay OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E249605)
Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX FRPC-1880 series	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E315185)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-870B, KLX FRPC-1860B, KLX FRPC-83	Polycarbonate, thickness: 0,40 mm, V-0, 80 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX FRPC-1890 series	Polycarbonate, thickness: 0,4 mm min. V-0, 115 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX PP BK-10-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 110 °C	ANSI/UL 94	UL (E315185)
Alt.	JINGMEN GORUN TECHNOLOGY CO LTD	HF70, HE70(x)(#)	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E305163)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F, TS-FR383H, TS-FR360H	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1370	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEEBON PLASTICS TECHNOLOGY CO LTD	TB-FR65, TB-FR63, TB-FR60, TB-FR1, TB-FR60Y, TB-FR70F, TB-FR70, TB-FR183, TB-FR700, TB-FR83	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E357515)
Alt.	NANTONG HUAPU PHOTOELECTRIC MATERIAL CO., LTD	HPC-EFR87X	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E508063)
Alt.	Interchangeable	Interchangeable	Polycarbonate, thickness: 0,4 mm min. V-0, Min. 80 °C	ANSI/UL 94	UL
LCD Panel	 LG Display	LM215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	 AUO	M215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	 BOE	MV215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	 TPV VISION INNOVATOR	TPM215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Adhesive for mylar sheet between power board and metal enclosure	SYMBIO	DS50-A, DS50L	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	3M	55235, 55236, 9448A, 55230, 9495MP	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10, LA9120	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	NITTO DENKO CORP	GA835	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	TESA SE	68646	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	RIALS CORP	G4000	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Alt.	FUJIAN YOUYI ADHESIVE TAPE GROUP CO., LTD	YS310	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested with appliance
Silicone Rubber	ONGJUE SILICONE (NANJING) CO LTD	NE-Z150	Min. thickness: 1,8 mm, 150°C, V-0	UL 94	UL (E236040)
For power board model No. 715GD928:					
AC-Inlet (CN901)	Solteam	ST-01 (For ENEC) ST-01A ST-01C (For VDE) ST-01 Series (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/20/10 036) VDE (40015691) UL (E200241)
Alt.	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1 (For VDE), SA-4S 7, SA-4S 9 (For TUV), SA-4S 6, SA-4S 12 (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40003610) TUV (R 50293856) UL (E154342)
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028101) UL (E102641)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40010513) UL (E217394)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3-1	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40015913) UL (E217394)
Alt.	INALWAYS ELECTRONICS INC	0707-1, 0711-2, 0714	10A, 250Vac	UL 60320-1	UL (E94191)
Alt.	TECX-UNIONS TECHNOLOGY CORP	TU-301 series	10A, 250Vac	UL 60320-1	UL (E220004)
Alt.	Yueqing Hongchang Radio Co., Ltd	DB-14 series	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028645) UL (E327347)
Alt.	Solteam Incorporation	SC04 (For ENEC), SC04-1BWW, SC04-2BTT	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/20/10 040) UL (E200241)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Interchangeable	Interchangeable	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	EU / UL certification mark
Fuse (F901)	Cooper Bussmann LLC	SR-5	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
Alt.	Littelfuse Inc.	392	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)
Alt.	Cooper Bussmann LLC	SS-5	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
Alt.	Conquer Electronics Co., Ltd.	MST	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)
Alt.	Interchangeable	Interchangeable	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Y-cap (C902, C903, C934) (optional)	TDK CORPORATION	CD	Max. 1000pF, 250 Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40029780) UL (E37861)
Alt.	TDK CORPORATION	CS	Max. 1000pF, 250/ 300 Vac, 125 °C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40029781) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KH	Max. 1000 pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40002796) UL (E37921)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Murata Mfg. Co., Ltd.	KX	Max. 1000 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AC	Max. 1000pF, AC 250/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40001829) UL (E146544)
Alt.	Walsin Technology Corp.	AH	Max. 1000pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40001804) UL E146544
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 1000pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40036246) UL (E154899)
Alt.	JYA-NAY CO LTD	JY	Max. 1000pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	UL (E201384)
Alt.	JYA-NAY CO LTD	JN	Max. 1000pF, AC 400 / 250 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	UL (E201384)
Alt.	Haohua Electronic Co.	CT7	Max. 1000pF, AC250/275/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40013601) UL (E233106)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SE	Max. 1000pF, AC 250/300 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (122995) UL (E114280)
Alt.	Success Electronics Co., Ltd.	SB	Max. 1000pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 1000pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40012143) UL (E249006)
Alt.	XIAMEN WANMING ELECTRONICS CO LTD	CK	Max. 1000pF, 250/300/400/500 Vac, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	ENEC (ENEC-04533) UL (E221839)
Alt.	Interchangeable	Interchangeable	Max. 1000pF, Min. 250Vac, Min. 85 °C, Y1/Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	EU / UL certification mark



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

X- Cap. (C901) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0,33 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40015608) UL (E183780)
Alt.	Europtronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275V; Min. 105 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40018238) UL (E211347)
Alt.	Europtronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275/305 V; 110 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40025981) UL (E211347)
Alt.	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0,33 µF, 275 / 305 /310 VAC, X2 type, Min. 105 °C	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40000358) UL (E186600)
Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0,33 µF, 275/300/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	ENEC (V4413) UL (E97797)
Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max. 0,33 µF, 250/275/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40023391) UL (E186321)
Alt.	TDK (Zhuhai FTZ) Co., Ltd.	B3292	Max. 0,33 µF, 305Vac; 105°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40010694) UL (E97863)
Alt.	NANJING TENGGEN RONG GUANG DA ELECTRONICS (GROUP) CO LTD	MKP	Max. 0,33 µF, AC 250 V / 275 / 305 / 310 V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40028680) UL (E200596)
Alt.	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max. 0,33 µF, AC 250/280/ 305V, Min. 110°C X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	VDE (40018690) UL (E252286)
Alt.	Interchangeable	Interchangeable	Max. 0,33 µF, Min. 250Vac Min. 105°C, X1 or X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL 60384-14	UL / EU certification mark
Optocoupler (U902)	Lite-on	LTV-817	Ext. cr ≥7,0 mm, Dti ≥ 0,4 mm, 105°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40015248) UL (E113898)
Alt.	Sharp	PC123	Ext. cr ≥6,4 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008087) UL (E64380)
Alt.	VISHAY Semiconductor GmbH	TCET1103-3034	Ext. cr ≥ 8,4 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015	VDE (40028080)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Everlight Electronics Co., Ltd.	EL817M, EL817	Ext. cr ≥ 7,6 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (132249) UL (E214129)
Alt.	TOSHIBA CORP	TLP781, TLP781F	Ext. cr ≥ 6,5 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40021173) UL (E67349)
Alt.	TOSHIBA CORP	TLP421F, TLP421	Min. Ext. cr ≥ 7,0 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40010944) UL (E67349)
Alt.	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Min. Ext. cr ≥ 8,1 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40028391) UL (E214129)
Alt.	RENESAS	PS2561DL1-1, PS2561-1, PS2561L1-1, PS2561L2-1	Min. Ext. cr ≥ 7,1 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008862) UL (E72422)
Alt.	Interchangeable	Interchangeable	Min. Ext. cr ≥ 6,4 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	UL / EU certification mark
Line Choke (L901) (Optional)	LFDJ	373G0174557J	105°C	IEC/EN 62368-1	Tested With appliance
Alt.	HA	373G0174557H	105°C	IEC/EN 62368-1	Tested With appliance
Transformer (T901)	PHOENIX	380GL32P830P	Class B	IEC/EN 62368-1	Tested With appliance
Alt.	LF	380GL32P830J	Class B	IEC/EN 62368-1	Tested With appliance
Alt.	HA	380GL32P830H	Class B	IEC/EN 62368-1	Tested With appliance
- Bobbin	SUMITOMO Bakelite Co Ltd	PM-9750, PM-9823,	V-0, 150 °C	UL 94	UL (E41429)
- Alt.	CHANG CHUN Plastics Co Ltd	T200HF	V-0, 150 °C	UL 94	UL (E59481)
- Magnet Winding	NINGBO JINTIAN NEW MATERIAL CO LTD	xUEW/130, QA-x/130 (MW75-C)	130°C	ANSI/UL 1446	UL (E227047)
- Alt.	BAIYIN YIZHI CHANGTONG SUPER MICRO-WIRE CO., LTD	xUEW/130 (MW75-C)	130°C	ANSI/UL 1446	UL (E363385)
- Alt.	DONG GUAN YIDA INDUSTRIAL CO LTD	xUEW/155, QA-x/155	155 °C	ANSI/UL 1446	UL (E344055)
- Alt.	SHANDONG SAINT Electric Co Ltd	*UEW/130, QA-*/130, *UEW/130 Litz, QA-*/130 Litz, MW75-C	130 °C	ANSI/UL 1446	UL (E194410)
- Alt.	HENG YA ELECTRIC KUN SHAN LTD	TYP-U-130(UEW/QA-B)	130 °C	ANSI/UL 1446	UL (E245514)
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B*	Reinforced insulation, 130°C	EN 62368-1: 2014 + A11:2017 IEC 62368-1: 2014 ANSI/UL 2353	VDE (40033527) UL (E332529)
- Alt.	KBI COSMOLINK CO., LTD.	TIW-M	Reinforced insulation, 130°C	ANSI/UL 2353 IEC 62368-1: 2014	VDE (138053) UL (E213764)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

- Insulation tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	PET film insulating tape, 130°C	CAN/UL 510A	UL (E165111)
- Tube	GREAT HOLDING Industrial Co Ltd	TFL	PTFE, 200°C, VW-1	UL 224	UL (E156256)
- Alt.	CHANGYUAN ELECTRONICS GROUP CO LTD	CB-TT-L	PTFE, 200°C, VW-1	UL 224	UL (E180908)
Bleeding resistors (R907, R908, R909)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series (The "#" can be L or K represent resistor grade, L=Mohm grade or K=Kohm grade; the "xxx" can be any numeric represent the 3-digit resistor code for resistor value)	Max. 620K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by NEMKO (CB report No. 336992 and CB certificate No. NO99692)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series (The "#" can be L or K represent resistor grade, L=Mohm grade or K=Kohm grade; the "xxx" can be any numeric represent the 3-digit resistor code for resistor value)	Max. 620K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by NEMKO (CB report No. 337017 and CB certificate No. NO99693)
Alt.	Yageo Corporation	RV1206 series	Max. 620K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by UL (CB report No. E491387-4787887815-1 and CB certificate No. DK-64853-UL)
Alt.	Tzai Yuan Enterprise Co., Ltd.	HSMD1206 series, *SMD1206 * series (The * denote the tolerance, which can be "F", "G" or "J")	Max. 620K ohm, 1/4 W	IEC 62368-1:2010	CB issued by UL (CB report No. OFF-12CA24616-A-1, OFF-12CA24616-A-1 am1 and E354677-12CA24616-A-1. CB certificate No. DK-29431-UL, DK-29431-A1-UL and DK-29431-A1-M1-UL)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06***** series	Max. 620K ohm, 1/4 W	IEC 62368-1: 2018	CB issued by NEMKO (CB report No. REP014996 and CB certificate No. NO127738)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06***** series	Max. 620K ohm, 1/4 W	IEC 62368-1: 2018	CB issued by NEMKO (CB report No. REP014995 and CB certificate No. NO127737)
Alt.	Interchangeable	Interchangeable	Max. 620K ohm, 1/4 W	IEC/EN 62368-1	CB report & certification issued by NCB



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix W (Modelo/Model: 22B30HM2, 22B35HM2, **22***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:
DC Input: 19 V d.c., 1,31 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 62368-1:2018, CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
External power supply	TPV Electronics (Fujian) Co., Ltd.	ADPC1925EX	Input: 100-240 VAC, 50 - 60 Hz, 1,3 A, Class II; Output: 19,0 VDC, 1,31 A, Tma= 40°C, PS2, Altitude: 5000m	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017	 (CB certificate No. NO106527; CB report No. 373441)
External power supply	Ten Pao Industrial Co., Ltd.	S025ANP1900131	Input: 100-240 VAC, 50 - 60 Hz, 0,6 A, Class II; Output: 19,0 VDC, 1,31 A, 25,0 W, Tma = 40°C, PS2, Altitude: 5000m	IEC 62368-1:2018	 (CB certificate No. JPTUV-149645; CB report No. CN23WCFE 001)
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	CHI MEI CORPORATION	PA-757(+)	HB or Better, Min. thickness: 1,5 mm, 80 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-110(+)	HB or Better, Min. thickness: 1,5 mm, 105 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540H	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540(Y)(a)	HB or Better, Min. thickness: 0,75 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350	HB or Better, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	HF380	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568(#), SE885(#)	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569(#)	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP1000(Z), GP1000	HB or Better, Min. thickness: 1,5 mm, 130 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E88637)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB or Better, Min. thickness: 1,4 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E310240)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	HB or Better, Min. thickness: 0,75 mm, 60 °C	ANSI/UL 94	UL (E207780)
Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##)	HB or Better, Min. thickness: 1,0 mm, 50°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011(II)	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, HIPS-4418, HIPS-5197, HIPS-3399, HIPSCM(ee), HIPSHG(ee)	HB or Better, Min. thickness: 1,3 mm, 50°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011C, CK-100	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	HP-126, ABS-660, ABS-122, GAR-332, H12, G360, GAR-322, GAR-220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or Better, Min. thickness: 1,2 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	UNIC TECHNOLOGY CORP.	UR-3006+(R35)(a), UR-3006+(R90)(a), UR-3006+(RXX)(a), UP-700+, UR-7085+(R90)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E135175)
Alt.	UNIC TECHNOLOGY CORP.	UR-200+	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E205938)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	AFE5000N, AFE5100N, 9004BKGA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E359575)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E234833)
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	NH-1017SG (+), NH-1017(p)	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), GC-0700(+++), LX-0951(+)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0675(+)	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	HG-0760(+)	HB or Better, Min. thickness: 1,2 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	LX-0957(+)	HB or Better, Min. thickness: 1,2 mm, 50°C	ANSI/UL 94	UL (E115797)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E230779)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(B)G-A	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E330547)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABSPCR35/ 65/85	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E345434)
Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(####) (Y), YOUHO13(##) (YY)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E471190)
Alt.	RUNYE(CHONGQIN G) NEW MATERIALS CO., LTD	GU-022	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E514505)
Alt.	RUNYE(CHONGQIN G) NEW MATERIALS CO., LTD	Ecorex® RN - + (R #)	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H (#)	HB or Better, Min. thickness: 0,45 mm, 60°C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB or Better, Min. thickness: 0,45 mm, 60°C	ANSI/UL 94	UL (E98529)
Alt.	Formosa Idemitsu Petrochemical Corp	#1900+(f2)	HB or Better, Min. thickness: 1,5 mm, 125°C	ANSI/UL 94	UL (E238753)
Alt.	Interchangeable	Interchangeable	HB or Better, Min. thickness: 0,45 mm, 50°C	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	Min. V-1, 105 °C	UL 796	UL
LCD Panel		LM215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.		M215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank))	21,5" with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.		MV215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.		TPM215***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	21,5" with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.	L&T	BM215***** (* can be 0~9, A~Z, " ", " ", sign absence or blank)	21,5inch (54.6cm) TFT LCD with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.	CHIMEI INNOLUX	M215***** (* can be 0~9, A~Z, " ", " ", sign absence or blank)	21,5inch (54.6cm) TFT LCD with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.	CPT	CLAA215***** * (* can be 0~9, A~Z, " ", " ", sign absence or blank)	21,5inch (54.6cm) TFT LCD with LED backlight	IEC/EN 62368-1	Tested With appliance
Alt.	L&T	LM215***** (* can be 0~9, A~Z, " ", " ", sign absence or blank)	21,5inch (54.6cm) TFT LCD with LED backlight	IEC/EN 62368-1	Tested With appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix X (Modelo/Model: 27B30H, 27B35H, **27***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:

DC Input: 19 V d.c., 1,31 or 2,0 A; Class III; IPX0

Normas aplicáveis / Applicable standards:

IEC 62368-1:2018, CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
External power supply	TPV Electronics (Fujian) Co., Ltd.	ADPC1925EX	Input: 100-240 VAC, 50 - 60 Hz, 1,3 A, Class II; Output: 19,0 VDC, 1,31 A, Tma= 40°C, PS2, Altitude: 5000m	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017	 (CB certificate No. NO106527; CB report No. 373441)
External power supply	TPV Electronics (Fujian) Co., Ltd.	ADPC1938EX	Input: 100-240 VAC, 50 - 60 Hz, 1,3 A, Class II; Output: 19,0 VDC, 2,0 A, Tma= 40°C, PS2, Altitude: 5000m	IEC 62368-1:2014; EN 62368-1:2014 +A11:2017	 (CB certificate No. NO106527; CB report No. 373441)
External power supply	Ten Pao Industrial Co., Ltd.	S025ANP1900131	Input: 100-240 VAC, 50 - 60 Hz, 0,6 A, Class II; Output: 19,0 VDC, 1,31 A, 25,0W, Tma = 40°C, PS2, Altitude: 5000m	IEC 62368-1:2018	 (CB certificate No. JPTUV-149645; CB report No. CN23WCCE 001)
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50°C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E328304)
Alt.	CHI MEI CORPORATION	PA-757(+)	HB or Better, Min. thickness: 1,5 mm, 80°C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-110(+)	HB or Better, Min. thickness: 1,5 mm, 105°C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540H	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540(Y)(a)	HB or Better, Min. thickness: 0,75 mm, 60°C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350	HB or Better, Min. thickness: 1,4 mm, 60°C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	HF380	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568(#), SE885(#)	HB or Better, Min. thickness: 1,6 mm, 50°C	ANSI/UL 94	UL (E67171)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	LG CHEM LTD	XG569(#)	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP1000(Z), GP1000	HB or Better, Min. thickness: 1,5 mm, 130°C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E88637)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E314268)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB or Better, Min. thickness: 1,4 mm, 50°C	ANSI/UL 94	UL (E314268)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E310240)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	HB or Better, Min. thickness: 0,75 mm, 60°C	ANSI/UL 94	UL (E207780)
Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##)	HB or Better, Min. thickness: 1,0 mm, 50°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011(II)	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, HIPS-4418, HIPS-5197, HIPS-3399, HIPSCM (ee), HIPSHG (ee)	HB or Better, Min. thickness: 1,3 mm, 50°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	AR-011C, CK-100	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	HP-126, ABS-660, ABS-122, GAR-332, H12, G360, GAR-322, GAR-220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(ww)	HB or Better, Min. thickness: 1,2 mm, 60°C	ANSI/UL 94	UL (E171666)
Alt.	UNIC TECHNOLOGY CORP.	UR-3006+(R35) (a), UR-3006+(R90) (a), UR-3006+(RXX)(a), UP-700+, UR-7085+(R90)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E135175)
Alt.	UNIC TECHNOLOGY CORP.	UR-200+	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E205938)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E359575)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E234833)
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150	HB or Better, Min. thickness: 1,0 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	NH-1017SG (+), NH-1017(p)	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670(+)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E115797)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), GC-0700(+++), LX-0951(+)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0675(+)	HB or Better, Min. thickness: 1,5 mm, 50°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	HG-0760(+)	HB or Better, Min. thickness: 1,2 mm, 60°C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	LX-0957(+)	HB or Better, Min. thickness: 1,2 mm, 50°C	ANSI/UL 94	UL (E115797)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E230779)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(B)G-A	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E330547)
Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABSPCR35/65/85	HB or Better, Min. thickness: 1,6 mm, 60°C	ANSI/UL 94	UL (E345434)
Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO (####) (Y), YOUHO13(##) (YY)	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E471190)
Alt.	RUNYE (CHONG QING) NEW MATERIALS CO., LTD	GU-022	HB or Better, Min. thickness: 1,5 mm, 60°C	ANSI/UL 94	UL (E514505)
Alt.	RUNYE (CHONG QING) NEW MATERIALS CO., LTD	Ecorex® RN - + (R #)	HB or Better, Min. thickness: 0,8 mm, 60°C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H (#)	HB or Better, Min. thickness: 0,45 mm, 80°C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB or Better, Min. thickness: 0,45 mm, 60°C	ANSI/UL 94	UL (E98529)
Alt.	Formosa Idemitsu Petrochemical Corp	#1900+(f2)	HB or Better, Min. thickness: 1,5 mm, 125°C	ANSI/UL 94	UL (E238753)
Alt.	Interchangeable	Interchangeable	HB or Better, Min. thickness: 0,45 mm, 50°C	ANSI/UL 94	UL
PCB	Interchangeable	Interchangeable	Min. V-1, 105°C	UL 796	UL
LCD Panel	L&T	LM270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	AUO	M270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	AUO	P270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	AUO	LM270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	INNOLUX	M270***** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	TPV	TPM270***** *** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	TPV	TPT270***** ** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	BOE	MV270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	BOE	ME270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	SHARP	LQ270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	SAMSUNG	LTM270***** *** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	LGD	LM270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance
Alt.	Panda	LM270***** * (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', ' ', sign absence or blank)	27" with LED backlight	IEC/EN 62368-1	Tested with appliance

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix Y (Modelo/Model: 27G4, 27G4P, **27G4***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:

AC Input: 100V-240v~, 50Hz/60Hz, 1.5A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (ed.2), am1, am2, CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	V-0, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	HB or Better, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E207780)
Alt.	CHI MEI CORPORATION	PA-757(+), PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350, HF380	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP-1000(Z), GP-1000L	HB or Better thickness: 1,5mm, 130 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better thickness: 1,6mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568, XG568(#)	HB or Better thickness: 1,6mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569C, XG569(#)	HB or Better thickness: 1,5mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better thickness: 1,0mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GN-1002F(m)	HB or Better thickness: 1,5mm, 80 °C	ANSI/UL 94	UL (E67171)
Alt.	LOTTE CHEMICAL CORPORATION	SD-0150(+), BF-0677(+), BF-0675(+), GC-0700(+++), LX-0951(+), LX-0957(+), HG-0760(+), SD-0150T, ABF-0200E, NH-1027HF, NH-1027(+)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670F, BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	GC-1036, LS-1159SF, LS-1159F, NH-1036, GC-1036, ABF-1030NH, NH-1017SG(+)	V-0 or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E115797)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	GRAND PACIFIC PETR'C HEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E88637)
Alt.	KINGFA SCI & TECH CO LTD	5197	HB or Better Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011 C, GAR-011(L65), GAR-011(L85), GAR-011(HG6), CK-100, CK-55111, HP-126	HB or Better Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	CK-61506 RS-900, RS-300, RS-400, RS-(hh)0	HB or Better Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	JH960 6(M), JH960 6(M) (ccc) (##), JH960-6(M) (ccc) (##), JH960 62(M4), JH960 62(M4) (ccc) (##), JH960-62(M4) (ccc) (##)	5VB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E230779)
Alt.	DOOSAN CORPORATION ELECTRO- MATERIALS BG	DS-1107A, DS-1202G, DS-7106	V-0, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E103670)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441, 260-XX	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA1(e), GA35, NC30, GA65, GA85, GC(t) (t) – Replace the one, two, three or four numbers and/or letters to denote to serial number	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E359575)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E310240)
Alt.	UNIC	UR-200+ (+: A to Z), UR-3006+(R35), UR-3006+(R90), UR-3006+(RXX) UP-700+	HB or Better Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E205938)
Alt.	CHI LIN TECHNOLOGY CO LTD	GA-1535 GA-1(aaa)	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E177071)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E234833)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(xx)G-A, ABS2030A, ABS20(xx)B	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E330547)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR35/65/85	HB or Better Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E345434)
Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(1302)(B), YOUHO(1303)(B), YOUHO(1304)(B), YOUHO(1333)(B), YOUHO(####)(Y), YOUHO(1303)(OP), YOUHO13(##)(YY) YOUHO1312B	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E471190)
Alt.	Chongqing Gengye New Materials Technology Co Ltd	GU-022	HB or Better Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E514505)
Internal metal enclosure	Interchangeable	Interchangeable	Metal, Min. thickness: 0,5 mm	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Base stand (optional)	LOTTE CHEMICAL CORPORATION	SD-0150(+)	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	Interchangeable	Interchangeable	HB or Better thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	V-1 or better, Min. 105 °C	UL 796	UL
Insulation Sheet (between power board and LCD panel, between power board and metal cover)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700-83A, DFR700-83B, DFR117, DFR117ECOA, DFR117ECOB, DFR117ECOC	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	Polycarbonate, min. thickness: 0,4 mm, V-0, 110 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	Polycarbonate, min. thickness: 0,4 mm, V-0, 130 °C	ANSI/UL 94	UL (E199019)
Alt.	Sichuan Longhua Film Co Ltd	PC-770 series PC-770, PC-770 A, PC-870 A PC-770-60B, PC-770-60B-A, PC-770-63B, PC-770-63B-A, PC-770-65B, PC-770-65B-A, PC-770-83, PC-770-83B, PC-770-83F, PC-770F, PC-770F-A	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E254551)
Alt.	KunShan Dobesty Optoelectronic Materials Co Ltd	PC9821B, PC9832B, PC9842B, DB98HD, DB98, PC9821BK1, PC9832BK1, PC9821W1, PC98MNB1	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E339070)
Alt.	SUZHOU OMAY OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E249605)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX FRPC-1880 series	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-870B, KLX FRPC-1860B, KLX FRPC-83	Polycarbonate, thickness: 0,40 mm, V-0, 80 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX FRPC-1890 series	Polycarbonate, thickness: 0,4 mm min. V-0, 115 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN Plastics Co Ltd	KLX PP BK-10-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 110 °C	ANSI/UL 94	UL (E315185)
Alt.	JINGMEN GORUN TECHNOLOGY CO LTD	HF70, HE70(x)(#)	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E305163)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F, TS-FR383H, TS-FR360H	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1370	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEEBON PLASTICS TECHNOLOGY CO LTD	TB-FR65, TB-FR63, TB-FR60, TB-FR1, TB-FR60Y, TB-FR70F, TB-FR70, TB-FR183, TB-FR700, TB-FR83	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E357515)
Alt.	NANTONG HUAPU PHOTOELECTRIC MATERIAL CO., LTD	HPC-EFR87X	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E508063)
Alt.	JIANGSU JIUTONG PHOTOELECTRIC MATERIAL CO., LTD	JTZ42B	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E509998)
LCD Panel	TPV	TPM270***** *** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.', sign absence or blank)	27" with LED backlight	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Adhesive for mylar sheet between power board and metal enclosure	SYMBIO	DS50-A, DS50L	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	3M	55235, 55236, 9448A, 55230, 9495MP	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10, LA9120	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	NITTO DENKO CORP	GA835	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	TESA SE	68646	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	RIALS CORP	G4000	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	FUJIAN YOUYI ADHESIVE TAPE GROUP CO., LTD	YS310	100°C, 0,05mm Thickness	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
For power board model No. 715G7610:	--	--	--	--	--
AC-Inlet (CN9901)	Solteam	ST-01 (For ENEC) ST-01A ST-01C (For VDE) ST-01 Series (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/20/10036) VDE (40015691) UL (E200241)
Alt.	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1 (For VDE), SA-4S 7, SA-4S 9 (For TUV), SA-4S 6, SA-4S 12 (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40003610) TUV (R 50293856) UL (E154342)
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028101) UL (E102641)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40010513) UL (E217394)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3-1	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40015913) UL (E217394)
Alt.	INALWAYS ELECTRONICS INC	0707-1, 0711-2, 0714	10A, 250Vac	UL 60320-1	UL (E94191)
Alt.	TECX-UNIONS TECHNOLOGY CORP	TU-301 series	10A, 250Vac	UL 60320-1	UL (E220004)
Alt.	Yueqing Hongchang Radio Co., Ltd	DB-14 series	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028645) UL (E327347)
Alt.	Solteam Incorporation	SC04 (For ENEC), SC04-1BWW, SC04-2BTT	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/20/10040) UL (E200241)
Alt.	Interchangeable	Interchangeable	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	EU / UL certification mark



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Fuse (F9901)	Cooper Bussmann LLC	SR-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
Alt.	Littelfuse Inc.	392	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)
Alt.	Cooper Bussmann LLC	SS-5	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
Alt.	Conquer Electronics Co., Ltd.	MST	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)
Alt.	Interchangeable	Interchangeable	T5AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Fuse (F901)	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
Alt.	Littelfuse Inc.	392	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
Alt.	Conquer Electronics Co., Ltd.	MST	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)
Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)
Alt.	Interchangeable	Interchangeable	T4AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Y-cap (C9903, C9904) (optional)	TDK CORPORATION	CD	Max. 470pF, 250 Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	TDK CORPORATION	CS	Max. 470pF, 250/ 300 Vac, 125 °C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029781) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KH	Max. 470 pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002796) UL (E37921)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 470 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AC	Max. 470pF, AC 250/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001829) UL (E146544)
Alt.	Walsin Technology Corp.	AH	Max. 470pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001804) UL E146544

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 470pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40036246) UL (E154899)
Alt.	JYA-NAY CO LTD	JY	Max. 470pF, AC 300 / 250 V, 125°C, Y2 type	UL1414	UL (E201384)
Alt.	JYA-NAY CO LTD	JN	Max. 470pF, AC 400 / 250 V, 125°C, Y1 type	UL1414	UL (E201384)
Alt.	Haohua Electronic Co.	CT7	Max. 470pF, AC250/275/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40013601) UL (E233106)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 470pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SE	Max. 470pF, AC 250/300 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (122995) UL (E114280)
Alt.	Success Electronics Co., Ltd.	SB	Max. 470pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 470pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 470pF, Min. 250Vac, Min. 125 °C, Y1/Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	EU / UL certification mark
Y-cap (C9902) (optional)	TDK CORPORATION	CD	Max. 2200pF, 250 Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	TDK CORPORATION	CS	Max. 2200pF, 250/ 300 Vac, 125 °C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029781) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KH	Max. 2200 pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002796) UL (E37921)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 2200 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AC	Max. 2200pF, AC 250/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001829) UL (E146544)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Walsin Technology Corp.	AH	Max. 2200pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001804) UL E146544
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 2200pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40036246) UL (E154899)
Alt.	JYA-NAY CO LTD	JY	Max. 2200pF, AC 300 / 250 V, 125°C, Y2 type	UL1414	UL (E201384)
Alt.	JYA-NAY CO LTD	JN	Max. 2200pF, AC 400 / 250 V, 125°C, Y1 type	UL1414	UL (E201384)
Alt.	Haohua Electronic Co.	CT7	Max. 2200pF, AC250/275/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40013601) UL (E233106)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 2200pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SE	Max. 2200pF, AC 250/300 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (122995) UL (E114280)
Alt.	Success Electronics Co., Ltd.	SB	Max. 2200pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 2200pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 2200pF, Min. 250Vac, Min. 125 °C, Y1/Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	EU / UL certification mark
X- Cap. (C9901) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0,33 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40015608) UL (E183780)
Alt.	Euoptronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275V; Min. 105 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018238) UL (E211347)
Alt.	Euoptronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275/305 V; 110 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40025981) UL (E211347)
Alt.	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0,33 µF, 275 / 305 /310 VAC, X2 type, Min. 105 °C	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40000358) UL (E186600)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0,33 µF, 275/300/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	ENEC (V4413) UL (E97797)
Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max. 0,33 µF, 250/275/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40023391) UL (E186321)
Alt.	TDK (Zhuhai FTZ) Co., Ltd.	B3292	Max. 0,33 µF, 305Vac; 105°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40010694) UL (E97863)
Alt.	NANJING TENGGEN RONG GUANG DA ELECTRONICS (GROUP) CO LTD	MKP	Max. 0,33 µF, AC 250 V / 275 / 305 / 310 V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40028680) UL (E200596)
Alt.	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max. 0,33 µF, AC 250/280/ 305V, Min. 110°C X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018690) UL (E252286)
Alt.	Interchangeable	Interchangeable	Max. 0,33 µF, Min. 250Vac Min. 105°C, X1 or X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	UL / EU certification mark
Optocoupler (U902)	Lite-on	LTV-817	Ext. cr ≥ 7,0 mm, Dti ≥ 0,4 mm, 105°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40015248) UL (E113898)
Alt.	Sharp	PC123	Ext. cr ≥ 6,4 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008087) UL (E64380)
Alt.	VISHAY Semiconductor GmbH	TCET1103-3034	Ext. cr ≥ 8,4 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015	VDE (40028080)
Alt.	Everlight Electronics Co., Ltd.	EL817M, EL817	Ext. cr ≥ 7,6 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (132249) UL (E214129)
Alt.	TOSHIBA CORP	TLP781, TLP781F	Ext. cr ≥ 6,5 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40021173) UL (E67349)
Alt.	TOSHIBA CORP	TLP421F, TLP421	Min. Ext. cr ≥ 7,0 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40010944) UL (E67349)
Alt.	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Min. Ext. cr ≥ 8,1 mm, Dti ≥ 0,4 mm, 110°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40028391) UL (E214129)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	RENESAS	PS2561DL1-1, PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1	Min. Ext. cr ≥ 7,1 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	VDE (40008862) UL (E72422)
Alt.	Interchangeable	Interchangeable	Min. Ext. cr ≥ 6,4 mm, Dti ≥ 0,4 mm, 100°C	IEC 60747-5-5: 2007 + A1:2013 EN 60747-5-5: 2011+A1:2015 ANSI/UL 1577	UL / EU certification mark
Line Choke (L9902) (Optional)	HA	373G0174563H	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	LZ	373G0174563Z	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	ASET	373G0174563X	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	LFDJ	373G0174563J	105°C	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Transformer (T901)	PHOENIX	380GL32P547P 00	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	PHOENIX	BCK-30-L01004	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	LFDJ	380GL32P547J 00	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
Alt.	LFDJ	PH01016700	Class B	IEC 60950-1: 2005 + Am 1: 2009 + Am 2: 2013	Tested With appliance
- Bobbin	SUMITOMO Bakelite Co Ltd	PM-9820	V-0, 150 °C	UL 94	UL (E41429)
- Magnet Winding	HENG YA ELECTRIC KUN SHAN LTD	TYPJ- 130(UFW/QA-B)	130 °C	ANSI/UL 1446	UL (E245514)
- Alt.	SHANGHAI ASIA PACIFIC Electric Co Ltd	UEW, UEW-U	130 °C	ANSI/UL 1446	UL (E214423)
- Alt.	SHANDONG SAINT Electric Co Ltd	*UEW/130, QA- */130, *UEW/130 Litz, QA-*/130 Litz, MW75-C	130 °C	ANSI/UL 1446	UL (E194410)
- Alt.	GUANGZHOU WANBAO ENAMELLED WIRE CO LTD	xUEW-130, QA- x/130	130 °C	ANSI/UL 1446	UL (E167402)
- Triple insulation wire	KBI COSMOLINK CO., LTD.	TIW-M	Reinforced insulation, 130°C	ANSI/UL 2353 IEC 62368-1: 2014	VDE (138053) UL (E213764)
- Alt.	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B	Reinforced insulation, 130°C	ANSI/UL 2353 IEC 62368-1: 2018 EN IEC 62368- 1:2020+A11:2020 EN IEC 62368- 1:2020	VDE (40033527) UL (E332529)
- Insulation tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g), PF*(d)(g)	PET film insulating tape, 130°C	CAN/UL 510A	UL (E165111)
- Tube	GREAT HOLDING Industrial Co Ltd	TFL	PTFE, 200°C, VW-1	UL 224	UL (E156256)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Bleeding resistors (R9901, R9902, R9903)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series (The “#” can be L or K represent resistor grade, L=Mohm grade or K=Kohm grade; the “xxx” can be any numeric represent the 3-digit resistor code for resistor value)	Max. 750K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by NEMKO (CB report No. 336992 and CB certificate No. NO99692)
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series (The “#” can be L or K represent resistor grade, L=Mohm grade or K=Kohm grade; the “xxx” can be any numeric represent the 3-digit resistor code for resistor value)	Max. 750K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by NEMKO (CB report No. 386200 and CB certificate No. NO99693)
Alt.	Yageo Corporation	RV1206 series	Max. 750K ohm, 1/4 W	IEC/EN 62368-1:2014 (Second Edition)	CB issued by UL (CB report No. E491387-4787887815-1 and CB certificate No. DK-64853-UL)
Alt.	Charter Resistors (Yiyang) Company Ltd.	1210J, 1210F, 2512J, 2512F	Max. 750K ohm, 1/4 W	IEC 62368-1:2014	CB issued by UL (CB report No. ESTS-P19122518 and CB certificate No. DK-93814-UL)
Alt.	Tzai Yuan Enterprise Co., Ltd.	HSMD0805****, HSMD1206****, HSMD1210****, HSMD2010**** and HSMD2512**** series SMD0805****, SMD1206****, SMD1210****, SMD2010**** and SMD2512**** series	Max. 750K ohm, 1/4 W	IEC 62368-1:2018	CB issued by UL (CB report No. OFF-12CA24616-A-1, OFF-12CA24616-A-1 am1 and E354677-12CA24616-A-1. CB certificate No. DK-29431-UL, DK-29431-A1-UL and DK-29431-A1-M1-UL)
Alt.	Interchangeable	Interchangeable	Max. 750K ohm, 1/4 W	IEC/EN 62368-1	CB report & certification issued by NCB

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix Z (Modelo/Model: 24G4, 24G4/P, **24G4***)**

CARACTERÍSTICAS NOMINAIS / RATINGS:
AC Input: 100V-240v~, 50Hz/60Hz, 1.5A; Class I; IPX0

Normas aplicáveis / Applicable standards:

IEC 60950-1: 2005 (ed.2), am1, am2, CISPR 32:2015+AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A2:2021, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014+AMD1:2017, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2020

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/ Technical data	Norma/ Standard	Marca de conformidade/ Mark(s) of conformity
Plastic material of enclosure	Orinko Advanced Plastics Co., Ltd	ABS-3070H, HIPS-2000	HB or Better, Min. thickness: 1,6 mm, 50 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS-340X(X=0-10)	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	Orinko Advanced Plastics Co., Ltd	ABS900F23	V-0, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E328304)
Alt.	CHI MEI CORPORATION	PA-757(+)	HB or Better, Min. thickness: 1,5 mm, 80 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-345(+), PA-756S, PA-756(+)	HB or Better, Min. thickness: 1,0 mm, Min. 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-110(+)	HB or Better, Min. thickness: 1,5 mm, 105 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540H	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E56070)
Alt.	CHI MEI CORPORATION	PC-540(Y)(a)	HB or Better, Min. thickness: 0,75 mm, Min. 60 °C	ANSI/UL 94	UL (E56070)
Alt.	LG CHEM LTD	HF350	HB or Better, Min. thickness: 1,4 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	HF380	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	SE750(#)	HB or Better, Min. thickness: 1,6mm, 60 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG568(#), SE885(#)	HB or Better, Min. thickness: 1,6mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	XG569(#)	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	GP1000(Z), GP1000	HB or Better, Min. thickness: 1,5mm, 130 °C	ANSI/UL 94	UL (E67171)
Alt.	LG CHEM LTD	AF365(&)	HB or Better, Min. thickness: 1,0mm, Min. 60 °C	ANSI/UL 94	UL (E67171)
Alt.	GRAND PACIFIC PETROCHEMICAL CORP	D-150	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E88637)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	3441	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	INEOS Styrolution Polymers (Foshan) Company Limited	260-XX	HB or Better, Min. thickness: 1,4 mm, 50 °C	ANSI/UL 94	UL (E314268)
Alt.	HUIZHOU WOTE ADVANCED Materials Co Ltd	2100	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E310240)
Alt.	SABIC JAPAN L L C	C6600(GG)(X)(VS)	V-2 or Better, Min. thickness: 0,75 mm, 60 °C	ANSI/UL 94	UL (E207780)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	KINGFA SCI & TECH CO LTD	CK-61(M) (##),	HB or Better, Min. thickness: 1,0 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011(II)	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	4418, 5197, HIPS-4418, HIPS-5197, HIPS-3399, HIPS-CM(ee), HIPS-HG(ee)	HB or Better, Min. thickness: 1,3 mm, 50 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	GAR-011C, CK-100	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	KINGFA SCI & TECH CO LTD	HP-126, ABS-660, ABS-122, GAR-332, H12, G360, GAR-322, GAR-220, GAR-011, CK-55(M) (##), CK-58(M) (##), GAR-011C, GAR-011(wv)	HB or Better, Min. thickness: 1,2 mm, 60 °C	ANSI/UL 94	UL (E171666)
Alt.	UNIC TECHNOLOGY CORP.	UR-3006+(R35) (a), UR-3006+(R90) (a), UR-3006+(RXX) (a), UP-700+, UR-7085+(R90)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E135175)
Alt.	UNIC TECHNOLOGY CORP.	UR-200+	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E135175)
Alt.	PONTEX POLYBLEND CO LTD	AFE5000N, AFE5100N, 9004BK	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E205938)
Alt.	WISTRON ADVANCED MATERIALS (KUNSHAN) CO LTD	GA65, GA85, GA35, GC(t), GA1(e), GA(M)(b)(c), AO(t)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E359575)
Alt.	SHENZHEN FUHENG NEW Material Co Ltd	HIPS-568	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E234833)
Alt.	LOTTE CHEMICAL CORPORATION	ABF-0200E, SD-0150	HB or Better, Min. thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	NH-1017SG(+), NH-1017(p)	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0670(+)	HB or Better, Min. thickness: 0,8 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0677(+), GC-0700(+++), LX-0951(+)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	BF-0675(+)	HB or Better, Min. thickness: 1,5 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	HG-0760(+)	HB or Better, Min. thickness: 1,2 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	LOTTE CHEMICAL CORPORATION	LX-0957(+)	HB or Better, Min. thickness: 1,2 mm, 50 °C	ANSI/UL 94	UL (E115797)
Alt.	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-HG, HRABS-RS	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E230779)
Alt.	QING DAO GON TECHNOLOGY CO., LTD.	ABS21(B)G-A	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E330547)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	DONGGUAN HINGLONG PLASTIC TECHNOLOGY CO LTD	HL-ABS-PCR35/65/85	HB or Better, Min. thickness: 1,6 mm, 60 °C	ANSI/UL 94	UL (E345434)
Alt.	GUO HENG (DONGGUAN) PLASTIC TECHNOLOGY CO LTD	YOUHO(####)(Y), YOUHO13(##)(YY)	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E471190)
Alt.	RUNYE(CHONGQIN G) NEW MATERIALS CO.,LTD	GU-022	HB or Better, Min. thickness: 1,5 mm, 60 °C	ANSI/UL 94	UL (E514505)
Alt.	RUNYE(CHONGQIN G) NEW MATERIALS CO., LTD	Ecorex® RN - +(R #)	HB or Better, Min. thickness: 0,8 mm, 60 °C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN CHEMICALS PLASTIC COMPOUNDS SHANGHAI LTD	MN-3600H(#)	HB or Better, Min. thickness: 0,45 mm, 80 °C	ANSI/UL 94	UL (E514505)
Alt.	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c)	HB or Better, Min. thickness: 0,45 mm, 60 °C	ANSI/UL 94	UL (E98529)
Alt.	Formosa Idemitsu Petrochemical Corp	#1900+(f2)	HB or Better, Min. thickness: 1,5 mm, 125 °C	ANSI/UL 94	UL (E238753)
Internal metal enclosure	Interchangeable	Interchangeable	Metal, Min. thickness: 0,5 mm	IEC 60950-1	Tested with appliance
Base stand (optional)	LOTTE CHEMICAL CORPORATION	SD-0150	HB or Better, thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL (E115797)
Alt.	Interchangeable	Interchangeable	HB or Better, thickness: 1,0 mm, 60 °C	ANSI/UL 94	UL
PWB	Interchangeable	Interchangeable	V-1 or better, Min. 105 °C	UL 796	UL
Mylar Sheet	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700-83A, DFR700-83B, DFR117, DFR117ECOA, DFR117ECOB, DFR117ECOC	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	Polycarbonate, min. thickness: 0,4 mm, V-0, 110 °C	ANSI/UL 94	UL (E199019)
Alt.	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	Polycarbonate, min. thickness: 0,4 mm, V-0, 130 °C	ANSI/UL 94	UL (E199019)
Alt.	Sichuan Longhua Film Co Ltd	PC-770, PC-770 A, PC-870 A, PC-770-60B, PC-770-60B-A, PC-770-63B, PC-770-63B-A, PC-770-65B, PC-770-65B-A, PC-770-83, PC-770-83B, PC-770-83F, PC-770F, PC-770F-A	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E254551)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	KunShan Dobesty Optoelectronic Materials Co Ltd	PC9821B, PC9832B, PC9842B, DB98HD, DB98	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E339070)
Alt.	SUZHOU OMAI OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	Polycarbonate, min. thickness: 0,4mm, V-0, 80 °C	ANSI/UL 94	UL (E249605)
Alt.	JINGMEN GORUN TECHNOLOGY CO LTD	HF70, HE70(x)(#)	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E305163)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F TS-FR383H, TS-FR360H	Polycarbonate, thickness: 0,40 mm min. V-0, 80 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1365, TS-FR1363, TS-FR1360, TS-FR1362, TS-FR160Y, TS-FR1370F, TS-FR1370, TS-FR1383, TS-FR1370-32, TS-FR1383-13	Polycarbonate, thickness: 0,40 mm min. V-0, 125 °C	ANSI/UL 94	UL (E329660)
Alt.	SHENZHEN TEEBON PLASTICS TECHNOLOGY CO LTD	TB-FR65, TB-FR63, TB-FR60, TB-FR1, TB-FR60Y, TB-FR70F, TB-FR70, TB-FR183, TB-FR700, TB-FR83	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E357515)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-870B, KLX FRPC-870BF, KLX FRPC-870BH, KLX FRPC- 870BFH, KLX FRPC-83B, KLX FRPC-83, KLX FRPC-F70, KLX FRPC-700B, KLX FRPC-700BF, KLX FRPC-60, KLX FRPC-60H, KLX FRPC-63, KLX FRPC-63H, KLX FRPC-65, KLX FRPC-65H, KLX FRPC-1870B	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E315185)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1860, KLX FRPC-1860B, KLX FRPC-1860- 83, KLX FRPC- 1860-83B, KLX FRPC-1860-1, KLX FRPC-1860-NTC, KLX FRPC-1860B- NTC, KLX FRPC- 1860B-3, KLX FRPC-1870B-K, KLX FRPC-1860B- HY, KLX FRPC- 1860-HY, KLX FRPC-1860B-K, KLX FRPC-1860-K, KLX FRPC-1860W	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1880, KLX FRPC-1880B, KLX FRPC-1880- 83, KLX FRPC- 1880-83B, KLX FRPC-1880-1, KLX FRPC-1880B-1, KLX FRPC-1880-2, KLX FRPC-1880B- 2, KLX FRPC-1880- 3, KLX FRPC- 1880B-3, KLX FRPC-1880-NTC, KLX FRPC-1880B- NTC, KLX FRPC- 1880B-HY, KLX FRPC-1880-HY, KLX FRPC-1880B- K, KLX FRPC- 1880-K, KLX FRPC-1860-YM, KLX FRPC-1860B- YM, KLX FRPC- 1880-YM, KLX FRPC-1880B-YM, KLX FRPC-1880W, KLX FRPC-1880W- 1, KLX FRPC- 1860B-KS, KLX FRPC-1860-KS, KLX FRPC-1880- KS, KLX FRPC- 1880B-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 125 °C	ANSI/UL 94	UL (E315185)
Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX PP BK-10-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 110 °C	ANSI/UL 94	UL (E315185)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC-1890B, KLX FRPC-1890, KLX FRPC-1890-83, KLX FRPC-1890-83B, KLX FRPC-1890-1, KLX FRPC-1890B-1, KLX FRPC-1890-2, KLX FRPC-1890B-2, KLX FRPC-1890B-3, KLX FRPC-1890-NTC, KLX FRPC-1890B-NTC, KLX FRPC-1890B-HY, KLX FRPC-1890-HY, KLX FRPC-1890B-K, KLX FRPC-1890-K, KLX FRPC-1890-YM, KLX FRPC-1890B-YM, KLX FRPC-1890W, KLX FRPC-1890W-1, KLX FRPC-1890B-KS, KLX FRPC-1890-KS	Polycarbonate, thickness: 0,4 mm min. V-0, 115 °C	ANSI/UL 94	UL (E315185)
Alt.	NANTONG HUAPU PHOTOELECTRIC MATERIAL CO., LTD	HPC-EFR87X	Polycarbonate, thickness: 0,4 mm min. V-0, 80 °C	ANSI/UL 94	UL (E508063)
LCD Panel	TPV	TPM238***** *** (* can be A to Z, a to z, 0 to 9, '+', '-', '\', '/', '.' or blank)	23,8" with LED backlight	IEC 60950-1	Tested with appliance
Adhesive for mylar insulation sheet between power board and metal enclosure	SYMBIO	DS50-A, DS50L	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	3M	55235, 55236, 9448A, 55230, 9495MP	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10, LA9120	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	NITTO DENKO CORP	GA835	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	TESA SE	68646	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	RIALS CORP	G4000	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Alt.	FUJIAN YOUYI ADHESIVE TAPE GROUP CO., LTD	YS310	100°C, 0,05mm Thickness	IEC 60950-1	Tested with appliance
Switching mode power supply board: 715GD461					

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

AC-Inlet	Solteam	ST-01 (For ENEC) ST-01A ST-01C (For VDE) ST-01 Series (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/2 0/10036) VDE (40015691) UL (E200241)
Alt.	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1 (For VDE), SA-4S 7, SA-4S 9 (For TUV), SA-4S 6, SA-4S 12 (For UL)	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40003610) TUV (R 50293856) UL (E154342)
Alt.	Rong Feng Industrial Co., Ltd.	SS-120, SS-7B	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028101) UL (E102641)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40010513) UL (E217394)
Alt.	Kunshan DLK Electronics Technology Co., Ltd (For VDE) SHENZHEN DELIKANG ELECTRONICS TECHNOLOGY CO LTD (For UL)	CDJ-3-1	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40015913) UL (E217394)
Alt.	INALWAYS ELECTRONICS INC	0707-1, 0711-2, 0714	10A, 250Vac	UL 60320-1	UL (E94191)
Alt.	TECX-UNIONS TECHNOLOGY CORP	TU-301 series	10A, 250Vac	UL 60320-1	UL (E220004)
Alt.	Yueqing Hongchang Radio Co., Ltd	DB-14 series	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	VDE (40028645) UL (E327347)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Solteam Incorporation	SC04 (For ENEC), SC04-1BWW, SC04-2BTT	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	ENEC (ENEC16/FI/2 0/10040) UL (E200241)
Alt.	Interchangeable	Interchangeable	10A, 250Vac	IEC 60320-1: 2015 EN 60320-1: 2015 + AC: 2016 UL 60320-1	EU / UL certification mark
Fuse (F901)	Littelfuse Inc.	392	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (126983) UL (E67006)
Alt.	Littelfuse Inc.	382	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018249) UL (E67006)
Alt.	Cooper Bussmann LLC	SR-5	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (122052) UL (E19180)
Alt.	Cooper Bussmann LLC	SS-5	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40015513) UL (E19180)
Alt.	Conquer Electronics Co., Ltd.	MST	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40017118) UL (E82636)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Suzhou Walter Electronic Co. Ltd.	2010	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018781) UL (E56092)
Alt.	Suzhou Walter Electronic Co. Ltd.	2000	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40018790) UL (E56092)
Alt.	DONGGUAN BETTER ELECTRONICS TECHNOLOGY CO LTD	932	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	VDE (40033369) UL (E300003)
Alt.	Interchangeable	Interchangeable	T3,15AL, 250Vac	IEC/EN 60127-1: 2006 + A1: 2011 + A2: 2015 IEC/EN 60127-3: 2015 UL 248-1 UL 248-14	EU / UL certification mark
Y-cap (C902. C903) (optional)	TDK CORPORATION	CD	Max. 680 pF, 250 Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	TDK CORPORATION	CS	Max. 680 pF, 250/ 300 Vac, 125 °C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40029781) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KH	Max. 680 pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002796) UL (E37921)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 680 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40002831) UL (E37921)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Walsin Technology Corp.	AC	Max. 680 pF, AC 250/300V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001829) UL (E146544)
Alt.	Walsin Technology Corp.	AH	Max. 680 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40001804) UL (E146544)
Alt.	Guangdong South Hongming Electronic Science and Technology Co., Ltd.	F	Max. 680 pF, AC 300 / 250 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40036246) UL (E154899)
Alt.	JYA-NAY CO LTD	JY	Max. 680 pF, AC 300 / 250 V, 125°C, Y2 type	UL1414	UL (E201384)
Alt.	JYA-NAY CO LTD	JN	Max. 680 pF, AC 400 / 250 V, 125°C, Y1 type	UL1414	UL (E201384)
Alt.	Haohua Electronic Co.	CT7	Max. 680 pF, AC250/275/300V,125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40013601) UL (E233106)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 680 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SE	Max. 680 pF, AC 250/300 V, 125°C, Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (122995) UL (E114280)
Alt.	Success Electronics Co., Ltd.	SB	Max. 680 pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 680 pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 680 pF, Min. 250Vac, 125 °C Y1/Y2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	EU / UL certification mark



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Y-cap (C913) (optional)	TDK CORPORATION	CD	Max. 1000 pF, 250/ 400 Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40029780) UL (E37861)
Alt.	Murata Mfg. Co., Ltd.	KX	Max. 1000 pF, AC 250/300 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40002831) UL (E37921)
Alt.	Walsin Technology Corp.	AH	Max. 1000 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40001804) UL E146544
Alt.	JYA-NAY CO LTD	JN	Max. 1000 pF, AC 400 / 250 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	UL (E201384)
Alt.	Yinan Don's Electronic Component Co., Ltd.	CT81	Max. 1000 pF, AC 250/400 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (135256) UL (E145038)
Alt.	Success Electronics Co., Ltd.	SB	Max. 1000 pF, AC 250/500 V, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40037221) UL (E114280)
Alt.	Kunshan Wansheng Electronics Co., Ltd.	CT7	Max. 1000 pF, AC 500 / 400 / 300 / 250 V, 125 °C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	VDE (40012143) UL (E249006)
Alt.	Interchangeable	Interchangeable	Max. 1000 pF, Min. 250Vac, 125°C, Y1 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013/A1:2016 UL1414	EU / UL certification mark
X-Cap. (C901) (optional)	Ultra Tech Xiphi Enterprise Co. Ltd.	HQX	Max. 0,33 µF, AC 250/275/280 /300/305/310V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40015608) UL (E183780)
Alt.	Euoptronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275V; Min. 105 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018238) UL (E211347)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Europtronic (SuZhou) Co. Ltd.	MPX	Max. 0,33 µF, AC 275/305 V; 110 °C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40025981) UL (E211347)
Alt.	Xiamen Faratronic Co. Ltd.	MKP62	Max. 0,33 µF, 275 / 305 /310 VAC, X2 type, Min. 105 °C	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40000358) UL (E186600)
Alt.	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0,33 µF, 275/300/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	ENEC (V4413) UL (E97797)
Alt.	LIOW GU ELECTRONICS Industry Co Ltd	GS-L	Max. 0,33 µF, 250/275/310 Vac; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40023391) UL (E186321)
Alt.	TDK (Zhuhai FTZ) Co., Ltd.	B3292	Max. 0,33 µF, 305Vac; 105°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40010694) UL (E97863)
Alt.	NANJING TENG RONG GUANG DA ELECTRONICS (GROUP) CO LTD	MKP	Max. 0,33 µF, AC 250 V / 275 / 305 / 310 V; 110°C, X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40028680) UL (E200596)
Alt.	SHENZHEN JINGHAO CAPACITOR CO LTD	CBB62B	Max. 0,33 µF, AC 250/280/ 305V, Min. 110°C X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	VDE (40018690) UL (E252286)
Alt.	Interchangeable	Interchangeable	Max. 0,33 µF, Min. 250Vac Min. 105°C, X1 or X2 type	IEC 60384-14: 2013 + A1:2016 EN 60384-14: 2013 + A1:2016 UL1414	UL / EU certification mark
Bleeding resistors (R907, R908, R909; R924, R925, R926)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	1,3MΩ, 1/4 W	IEC 62368-1: 2014	CB of Nemko NO99693
Alt.	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	1,3MΩ, 1/4 W	IEC 62368-1: 2014	CB of Nemko NO99692
Alt	YAGEO	RV0603, RV0805, RV1206	1,3MΩ, 1/4 W	IEC 62368-1: 2014	CB of UL Cert. No. DK-64853-UL
Alt	TZAIYUAN	HSMD***** SMD*****	1,3MΩ, 1/4 W	IEC 62368-1: 2010	CB of UL Cert. No. DK-29431-A1-UL

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.	Tzai Yuan Enterprise Co., Ltd.	MGUL1/4Wseries	1,3MQ, 1/4 W	IEC 62368-1: 2014	CB issued by UL (CB cert No. DK-69874- UL)
Alt.	Interchangeable	Interchangeable	1,3MQ, 1/4 W	IEC/EN 62368-1	CB report and certificates issued by National certification body
Line Choke (L901) (Optional)	HA	373G0174602H	105 °C	IEC 60950-1	Tested with appliance
Alt.	TC	373G0174602S	105 °C	IEC 60950-1	Tested with appliance
Alt.	LFDJ	373G0174602J	105 °C	IEC 60950-1	Tested with appliance
Transformer (T901)	HA	380GL32P618H	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
Alt.	HA	BCK-11641-HA	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
Alt.	PHOENIX	380GL32P618P	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
Alt.	PHOENIX	PH01087700	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
Alt.	ASET	380GL32P618X	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
Alt.	ASET	31010389	See attachment 2 for details, Class B	IEC 60950-1	Tested with appliance
- Bobbin	SUMITOMO Bakelite Co Ltd	PM-9750	V-0, 150 °C	UL 94	UL (E41429)
- Alt.	CHANG CHUN Plastics Co Ltd	T200HF, T200NA	V-0, 150 °C	UL 94	UL (E59481)
- Winding	Interchangeable	Interchangeable	130 °C	ANSI/UL 1446	UL
- Triple insulation wire	KBI COSMOLINK CO., LTD.	TIW-M(XX) (UL) TIW-M (VDE)	Reinforced insulation, 130°C	ANSI/UL 2353 EN 62368- 1:2014/A11:2017	VDE (138053) UL (E213764)
- Alt.	SUZHOU YUSHENG ELECTRONIC CO LTD (UL) Suzhou Yusheng Electronic Co., Ltd. (VDE)	TIW-B* (UL); TIW-B (VDE)	Reinforced insulation, 130°C	ANSI/UL 2353 EN IEC 62368- 1:2020+A11:2020	UL (E332529) VDE (40033527)
- Insulation tape	JINGJIANG YAHUA PRESSURE SENSITIVE GLUE CO LTD	CT* (c)(g)	PET film insulating tape, 130°C	CAN/UL 510A	UL (E165111)
- Tube	GREAT HOLDING Industrial Co Ltd	TFL	PTFE, 200°C, VW-1	UL 224	UL (E156256)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Appendix AB (Modelo/Model: 24E3UM, 24E3UF, 24E3QF, 24E3***, Q24E3*****)**

CARACTERÍSTICAS NOMINAIS / RATINGS:

I/P: 100-240V~, 50/60Hz, 1.5A

Normas aplicáveis / Applicable standards:

IEC 62368-1:2018, CISPR 32:2015/AMD1:2019, CISPR 35:2016, EN IEC 61000-3-2:2019/A1:2021, EN 61000-3-3:2013/A2:2021, IEC 61000-4-2:2008, IEC 61000-4-3:2020, IEC 61000-4-4:2012, IEC 61000-4-5:2014/AMD1:2017, IEC 61000-4-6:2023, IEC 61000-4-8:2009, IEC 61000-4-11:2020/COR2:2022

LISTA DE COMPONENTES CRÍTICOS / LIST OF CRITICAL COMPONENTS:

Componente/Component	Fabricante/Manufacturer	Tipo/Modelo Type/Model	Características técnicas/Technical data	Norma/Standard	Marca de conformidade/Mark(s) of conformity
LCD Panel with LED backlight	TPV	TPM238*** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 14.98W; LED Array Voltage: 31.9V	--	Tested in equipment
Alt.)	LG Display	LM238*** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 17.76W; LED Array Voltage: 58.9V	--	Tested in equipment
Alt.)	L&T	LM238*** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.1W; LED Array Voltage: 38.8V	--	Tested in equipment
Alt.)	BOE	MV238**** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.04W; LED Array Voltage: 46.4V	--	Tested in equipment
Alt.)	AUO	M238H**** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 12.17W; LED Array Voltage: 44.86V	--	Tested in equipment
Alt.)	INNOLUX	M238**** (* can be 0-9, A- Z or blank for marketing purpose only)	23.8 inch TFT type, with LED back light, power consumption: 14.19W; LED Array Voltage: 32V	--	Tested in equipment
Plastic Enclosure	CHI MEI	PC-540(Y)(a), PA-765A, PA-756S, PA-757(+), PC-110(+), PC-345(+), PA-765A(+), PC-540H	HB or better, min. 1.6mm thickness	UL 94	UL (E56070)
Alt.)	ORINKO	HIPS-2230(N), ABS-3070(T), HIPS-2000, ABS-340(X), ABS900F23, ABS-3070H	HB or better, min. 1.6mm thickness	UL 94	UL (E328304)
Alt.)	LOTTE CHEMICAL CORPORATION	VH-0810(+), VE-1890(+), EN-1052(+), VH-0815(+), VH-0819(+), HM-1100(+), VE-0819F, NH-1017(p), NH-1017SG(+), VE-0812(+), NH-1000T(+)(&), NE-1030(+), LS-1159(r), LS-1159SF, LS-1159F, NH-1036, GC-1017, SD-0150(+), BF-0677(+), BF-0675(+), BF-0670(+), GC-0700(++), LX-0951(+), LX-0957(+), HG-0760(+), NH-1027HF, NH-1027(+), SD-0150T, GC-1036(RR35), SC-1220R, ABF-0200E, ABF-1030NH	HB or better, min. 1.6mm thickness	UL 94	UL (E115797)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Grand	D-150	HB or better, min. 1.6mm thickness	UL 94	UL (E88637)
Alt.)	Covestro Deutschland AG [PC Resins]	GF9011 MF + (z), FR3005 + BBS310, FR3005 HF + BBS910, FR3005 HF +, FR3005 HF + BBS314	HB or better, min. 1.6mm thickness	UL 94	UL (E41613)
Alt.)	TEIJIN	MN-3600H(#)	HB or better, min. 1.6mm thickness	UL 94	UL (E244324)
Alt.)	SAMYANG	TRILOY-210NH F(@), 210NHF	HB or better, min. 1.6mm thickness	UL 94	UL (E121254)
Alt.)	LG CHEM LTD	LUPOY GN- 5001TF(#), LUPOY GN- 5001RF(T), LUPOY GN- 5008HF(#), LUPOY GN- 2101F(m)(f1), XG568(#), XG569(#), GP-1000(m)(#), SE885(#), AF365(&), AF368(#), AF358, HF350, SE750(#), GP-1000L, LUPOY GN5001RF(T), AF303S, AF312T, AF312T	HB or better, min. 1.6mm thickness	UL 94	UL (E67171)
Alt.)	KingFa	HF-606, HF-626, FRABS-518, JH960 6(M) (ccc) (##), FRHIPS-960, CK-572(M1) (##), FRABS-518C, 5197, RS-(hh)0, GAR-011C, CK-100, CK-55(M) (##), HP-126, CK-61(M) (##), HIPS-510 (o), HIPS-550, GAR- 011(II), ABS-660, ABS-122, H12, GAR-322, GAR-220, GAR-011, GAR-011(ww)	HB or better, min. 1.6mm thickness	UL 94	UL (E171666)
Alt.)	SABIC	C6600, C6600(GG)(X) (VS), CM4219 (gg*), CY5100 (GG), CY5005 (gg*)	HB or better, min. 1.6mm thickness	UL 94	UL (E207780)
Alt.)	QINGDAO HAIER NEW MATERIAL R & D CO LTD	HRABS-RS, HRABS-HG, HRABS-RS HRABS-HG	HB or better, min. 1.6mm thickness	UL 94	UL (E230779)
Alt.)	DOOSAN CORPORATION ELECTRO- MATERIALS BG	DS-1107A, DS-1202G, DS-7106	HB or better, min. 1.6mm thickness	UL 94	UL (E103670)
Alt.)	INEOS STYROLUTION POLYMERS (FOSHAN) COMPANY LIMITED	3441, 260-XX	HB or better, min. 1.6mm thickness	UL 94	UL (E314268)
Alt.)	WISTRON	GA(M)(b)(c), NC(N)(a), GA85, GA65, GA35, GC(t), GA1(e)	HB or better, min. 1.6mm thickness	UL 94	UL (E359575)
Alt.)	HINGLONG	HL-ABS- PCR35/65/85	HB or better, min. 1.6mm thickness	UL 94	UL (E345434)
Alt.)	WOTE	2100	HB or better, min. 1.6mm thickness	UL 94	UL (E310240)
Alt.)	GUO HENG	YOUHO(####)(Y), YOUHO13(##)(YY), YOUHE26(##)	HB or better, min. 1.6mm thickness	UL 94	UL (E471190)
Alt.)	UNIC	UR- 3006+(RXX), UR- 200+, UR-7085+(R90), UP- 700+	HB or better, min. 1.6mm thickness	UL 94	UL (E135175)
Alt.)	PONTEX	AFE5000N, AFE5100N, 9004BK	HB or better, min. 1.6mm thickness	UL 94	UL (E205938)
Alt.)	CHI LIN	GA-1(aaa)	HB or better, min. 1.6mm thickness	UL 94	UL (E177071)
Alt.)	FUHENG	HIPS-568, FH-101, FH- 102	HB or better, min. 1.6mm thickness	UL 94	UL (E234833)
Alt.)	QING DAO GON TECHNOLOGY CO.,LTD.	ABS21(xx)G-A, ABS2030A, ABS20(xx)B	HB or better, min. 1.6mm thickness	UL 94	UL (E330547)
Alt.)	FORMOSA CHEMICALS &	AC2820-A	HB or better, min. 1.6mm thickness	UL 94	UL (E162823)

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

	FIBRE CORP PLASTICS DIV				
Alt.)	Chongqing Gengye New Materials Technology Co Ltd	GU-022	HB or better, min. 1.6mm thickness	UL 94	UL (E514505)
Alt.)	FORMOSA IDEMITSU PETROCHEMIC AL CORP	#1900+(f2)	HB or better, min. 1.6mm thickness	UL 94	UL (E238753)
Alt.)	LOTTE ADVANCED MATERIALS CO LTD	HN-1074(+), NE-1030(+)	V-0, min. 1.6mm thickness	UL 94	UL (E115797)
Alt.)	LG CHEM LTD	AF312, AF312K, AF312A, AF312AR, LUPOY GN5001RF(T), LUPOY GN- 5001RF(T), LUPOY GN- 5008HF(#)	V-0, min. 1.6mm thickness	UL 94	UL (E67171)
Alt.)	TEIJIN LIMITED RESIN AND PLASTIC	TN-7500(c), MN-3600H(#), MN- 3600V(#)	V-0, min. 1.6mm thickness	UL 94	UL (E98529)
Alt.)	GUO HENG(DONGG UAN)PLASTIC TECHNOLOGY CO LTD	YOUHE26(##)	V-0, min. 1.6mm thickness	UL 94	UL (E471190)
Alt.)	SAMYANG	210NHF(@)	V-0, min. 1.6mm thickness	UL 94	UL (E121254)
Mylar sheet	SUZHOU OMAI OPTICAL MATERIALS CO LTD	SE42B, SE42B-F	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E249605)
Alt.)	SICHUAN LONGHUA FILM CO LTD	PC-770F, PC-770F-A, PC-770, PC-770 A, PC-770-60B, PC-770- 60B-A, PC-770-63B, PC- 770-63B-A, PC-770-65B, PC-770-65B-A	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E254551)
Alt.)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR700, DFR700F, DFR700-83, DFR700- 83A, DFR700-83B, DFR117ECOC, DFR117ECOB	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E199019)
Alt.)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR117ECO	min. 0.4mm thickness, min. V-0 or better, 100°C	UL 94	UL (E199019)
Alt.)	SICHUAN DONGFANG INSULATING MATERIAL CO LTD	DFR3A(d)	min. 0.4mm thickness, min. V-0 or better, 110°C	UL 94	UL (E199019)
Alt.)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC- 1860B, KLX FRPC- 1870B, KLX FRPC- 870B, KLX FRPC-83	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E315185)
Alt.)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX PP BK-10, KLX PP BK-10- KS	min. 0.4mm thickness, min. V-0 or better, 110°C	UL 94	UL (E315185)
Alt.)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC- 1880B series	min. 0.4mm thickness, min. V-0 or better, 125°C	UL 94	UL (E315185)
Alt.)	CHENGDU KANGLONGXIN PLASTICS CO LTD	KLX FRPC- 1890B series	min. 0.4mm thickness, min. V-0 or better, 115°C	UL 94	UL (E315185)
Alt.)	JINGMEN GORUN TECHNOLOGY CO LTD	HF70, HE11(#), HE32(#), HE70(x)(#), HE70, HE42, HF11, HF42, HF41	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E305163)
Alt.)	KUNSHAN DOBESTY OPTOELECTR O NIC MATERIALS CO LTD	PC9842B, PC9821B, PC9832B, PC9821BK1, PC9832BK1, PC9821W1, PC98MNB1, DB98HD, DB98	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E339070)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR370DL, TS-FR370F, TS-FR383H, TS-FR360H	min. 0.4mm thickness, min. V-0 or better, 80°C	UL 94	UL (E329660)
Alt.)	SHENZHEN TEESUN TECHNOLOGY CO LTD	TS-FR1370	min. 0.4mm thickness, min. V-0 or better, 125°C	UL 94	UL (E329660)
Alt.)	SHENZHEN TEEBON PLASTICS TECHNOLOGY CO LTD	TB-FR65, TB-FR63, TB-FR60, TB-FR1, TB-FR60Y, TB-FR70F, TB-FR70, TB-FR183, TB-FR700, TB-FR83	min. 0.4mm thickness, min. V-0 or better, 125°C	UL 94	UL (E357515)
Adhesive for mylar sheet	SYMBIO	DS50-A, DS50L	100°C, 0.05mm Thickness	--	Tested with appliance
Alt.)	3M	55236, 9448A	100°C, 0.05mm Thickness	--	Tested with appliance
Alt.)	XIAMEN LABAO OPTICS & ELECTRONIC CO LTD	TD-10	100°C, 0.05mm Thickness	--	Tested with appliance
Tube used to wrap metal chassis pillar	JIANGSU PEARL SILICONE RUBBER MATERIAL CO LTD	TMC-8750Aseries, HD-87	V-0, 150°C, min. thickness 0.6mm	UL 94, UL746	UL E231325 and tested with appliance
Alt.)	Dow Toray Co., Ltd	RBB-6300-50	V-0, 150°C, min. thickness 0.75mm	UL 94, UL746	UL E55519 and tested with appliance
Switching mode power supply board: 715GD270 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	ENEC16/FI/2 0/10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40003610, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 9, SA-4S 6	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 7	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	EN 60320-1, ANSI/UL60320- 1	TUV R 50274698 0001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40028101, UL E102641
Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40015913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	EN 60320-1, ANSI/UL60320- 1	SE-ENEC- 2001967, UL E317189
Alt.)	TECX	TU-301 series	10A, 250Vac	ANSI/UL60320- 1	UL E220004
Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23	10A, 250Vac	IEC/EN 60321-1, ANSI/UL60320- 1	VDE 40028645, UL E327347
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320- 1	UL E94191
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	ENEC, UL, TUV mark
Fuse (F901 on primary)	Littelfuse Inc.	382	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1,	TUV R 50310551 0001-0004, UL E10480



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Conquer	MET	T4AL, 250Vac	ANSI/UL 248-14 IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	Conquer	MST	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50371756 0001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E220181
Alt.)	Walter	2010 Serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T4AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T4AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092
Alt.)	Walter	ICP-Series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T4AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.47µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT9700014 1, UL E97797
Alt.)	TDK	B3292	Max. 0.47µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.47µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jianghao	CBB62B	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Bleeder resistor (R907, R908, R909)	Tzai Yuan Enterprise Co., Ltd.	HSMD series, SMD series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	UL CB (Report No. E354677- 4789012814- 1 Original)
Alt.)	Yageo Corporation	RV1206 series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	UL CB (Report No. E491387- 4787887815- 1 Original)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO99692)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO109707)
Alt.)	Interchangeable	Interchangeable	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	CB

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Line Choke (L901) (Optional)	CHANNELON	373G0174602H	105°C	--	--
Alt.)	LIANFENG	373G0174602J	105°C	--	--
Alt.)	Taichang	373G0174602S	105°C	--	--
Transformer (T901)	LIANFENG	380GL32P783J	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	SUMITOMO	PM-9750	Phenolic, V-0, 150°C	UL 94	UL (E41429)
Alt.)	CHANG CHUN PLASTICS CO. LTD	T200HF	Phenolic, V-0, 150°C	UL 94	UL (E59481)
-Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
-Insulation Tape	JINGJIANG YAHUA	CT*(c)(g)	130°C	UL 510	UL (E165111)
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Transformer (T901) Alt.)	PHOENIX	380GL32P783P	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	SUMITOMO	PM-9750, PM-9823	Phenolic, V-0, 150°C	UL 94	UL (E41429)
-Triple insulation wire	YUSHENG	TIW-B	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E332529), VDE (40033527)
-Insulation Tape	JINGJIANG YAHUA	CT*(c)(g)	130°C	UL 510	UL (E165111)
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Transformer (T901) Alt.)	CHANNELON	380GL32P783H	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
-Bobbin	CHANG CHUN PLASTICS CO. LTD	T200HF	Phenolic, V-0, 150°C	UL 94	UL (E59481)
-Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
-Insulation Tape	JINGJIANG YAHUA	CT*(c)(g)	130°C	UL 510	UL (E165111)
-Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Switching mode power supply board: 715GD270 Type B by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	ENEC16/FI/2 0/10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40003610, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 9, SA-4S 6	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 7	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	TUV R 50274698 0001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40028101, UL E102641
Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VD 400105913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	SE-ENEC- 2001967, UL E317189
Alt.)	TECX	TU-301 series	10A, 250Vac	ANSI/UL60320- 1	UL E220004



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	VDE 40028645, UL E327347
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320- 1	UL E94191
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320- 1	ENEC, UL, TUV mark
Fuse (F901)	Littelfuse Inc.	382	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	Conquer	MST	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50371756 0001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E220181
Alt.)	Walter	2010 Serie(s)	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T3.15AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092
Alt.)	Walter	ICP-Series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 680pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.47µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.47µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.47 µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.47 µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47 µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT97000141, UL E97797
Alt.)	TDK	B3292	Max. 0.47 µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jinghao	CBB62B	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.47 µF, 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Bleeder resistor (R907, R908, R909)	Tzai Yuan Enterprise Co., Ltd.	HSMD series, SMD series	Each 620KΩ Min. 1/4W	IEC 62368-1	UL CB (Report No. E354677-4789012814-1 Original)
Alt.)	Yageo Corporation	RV1206 series	Each 620KΩ Min. 1/4W	IEC 62368-1	UL CB (Report No. E491387-4787887815-1 Original)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO99692)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO109707)
Alt.)	Interchangeable	Interchangeable	Each 620KΩ Min. 1/4W	IEC 62368-1	CB
Line Choke (L901) (Optional)	CHANNELON	373G0174600H	105°C	--	--
Alt.)	LIANFENG	373G0174600J	105°C	--	--
Alt.)	Taichang	373G0174600S	105°C	--	--
Transformer (T901)	JIANGSU CHANNELON ELECTRONIC GROUP CO.,LTD.	380GL32P789H / CLT-116005	Class (B)	--	Accepted by TÜV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO.LTD	T200HF	V-0, Phenolic, 150°C	UL 94	UL E59481
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M(XX) (UL) TIW-M (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	No.CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	HAINING LIANFENG DONGJIN ELECTRONICS CO.,LTD	380GL32P789J / BCK-30-L01702	Class (B)	--	Accepted by TUV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO.LTD	T200HF	V-0, Phenolic, 150°C	UL 94	UL E59481
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	No.CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TEFLON TUBING TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	PHOENIX	380GL32P789P / PH01087700-2	Class (B)	--	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9750, PM-9823	V-0, Phenolic, 150°C	UL 94	UL E41429
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B* (UL) TIW-B (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E332529, VDE 40033527
- Insulation tape	YAHUA	No.CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TEFLON TUBING TFL	200°C	UL 224	UL E156256
Switching mode power supply board: 715GD270 Type C by TPV					
AC-Inlet (CN901)	Solteam Incorporation	ST-01 (For ENEC) ST-01A, ST-01C (For VDE) ST-01 Series (For UL)	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC (ENEC16/FI/20/1003 6) VDE (40015691) UL (E200241)



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Solteam Incorporation	SC04 (For ENEC), SC04-1BWW, SC04-2BTT	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC (ENEC16/FI/20/1004 0) UL (E200241)
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1 (For VDE) SA-4S 7, SA-4S 9 (For TUV) SA-4S 6, SA-4S 12 (For UL)	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE (40003610) TUV (R50293856) UL (E154342)
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 28 SA-4S 29	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV (R50293856) UL (E154342)
Alt.)	Rong Feng Industrial Co., Ltd.	SS-7B, SS-120	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE (40028101) UL (E102641)
Alt.)	Rong Feng Industrial Co., Ltd.	SS-3B	10A/250Vac	ANSI/UL60320-1	UL (E102641)
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0711-2, 0714	10A/250Vac	ANSI/UL60320-1	UL (E94191)
Alt.)	TECX-UNIONS TECHNOLOGY CORP	TU-301 series	10A/250Vac	ANSI/UL60320-1	UL (E220004)
Alt.)	Kunshan DLK Electronics Technology Co., Ltd	CDJ-3	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE (40010513) UL (E217394)
Alt.)	Kunshan DLK Electronics Technology Co., Ltd	CDJ-3-1	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE (40015913) UL (E217394)
Alt.)	Kunshan DLK Electronics Technology Co., Ltd	CDJ-7, CDJ-7 1	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC (SE- ENEC- 2001967) UL (E317189)
Alt.)	Kunshan DLK Electronics Technology Co., Ltd	DB-14 series	10A/250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE (40028645) UL (E327347)
Alt.)	Interchangeable	Interchangeable	10A, 250Vac, 15A, 250Vac,	IEC/EN 60320-1, ANSI/UL60320-1	VDE, UL
Fuse (F901)	Littelfuse Inc.	382	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	Conquer	MST	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50371756 0001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Walter	2000	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E56092
Alt.)	Walter	2010 Serie(s)	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E56092
Alt.)	Walter	1032ST	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092
Alt.)	Walter	ICP-Series	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T4AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	XIAMEN WANMING ELECTRONICS CO LTD	CM series, SD series, CK series (for ENEC) CM, SD, CK (for UL)	Max. 1500pF, Min. 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC ENEC-02630, UL E221839
Alt.)	SICHUAN TERUIXIANG	TL series (for ENEC) TL (for UL)	Max. 1500pF, Min. 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC ENEC-02630, UL E221839
Alt.)	Sichuan Teruixiang	TRX series (for ENEC) TRX (for UL)	Max. 1500pF, Min. 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC ENEC-02084-M1 UL E315719
Alt.)	Shenzhen Teruixiang Electronic Co, Ltd. (VDE) Sichuan Teruixiang Technology International Co Ltd (UL)	TY-Series (VDE), TY (UL)	Max. 1500pF, Min. 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40031733, UL E315719
Alt.)	Interchangeable	Interchangeable	Max. 1500pF, Min. 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.47µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.47 µF, 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.47 µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.47 µF, 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.47 µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT97000141, UL E97797
Alt.)	TDK	B3292	Max. 0.47 µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jinghao	CBB62B	Max. 0.47µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.47 µF, 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Bleeder resistor (R907, R908, R909)	Tzai Yuan Enterprise Co., Ltd.	HSMD series, SMD series	Each 620KΩ Min. 1/4W	IEC 62368-1	UL CB (Report No. E354677-4789012814-1 Original)
Alt.)	Yageo Corporation	RV1206 series	Each 620KΩ Min. 1/4W	IEC 62368-1	UL CB (Report No. E491387-4787887815-1 Original)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO99692)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO109707)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06***** series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO127737)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06***** series	Each 620KΩ Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO127738)
Alt.)	Interchangeable	Interchangeable	Each 620KΩ Min. 1/4W	IEC 62368-1	CB
Line Choke (L901) (Optional)	JIANGSU CHANNELON	373G0174602H	130°C	--	--
Alt.)	HAINING LIANFENG DONGJIN ELECTRONICS CO.,LTD	373G0174602J	130°C	--	--
Alt.)	Taichang	373G0174602S	130°C	--	--
Transformer (T901)	JIANGSU CHANNELON ELECTRONIC GROUP CO.,LTD.	380GL88P084H / CLT-126057	Class (B)	--	Accepted by TÜV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO.LTD	T200HA	V-0, 150°C, min. 0.45mm thickness	UL 94	UL E59481
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M(XX) (UL) TIW-M (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	LIANFENG DONGJIN	380GL88P084J / BCK-35-L026HC	Class (B)	--	Accepted by TÜV Rheinland



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

- Bobbin	CHANG CHUN PLASTICS CO.,LTD	T200HF	V-0, 150°C, min. 0.45mm thickness	UL 94	UL E59481
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M(XX) (UL) TIW-M (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TEFLON TUBING TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	PHOENIX	380GL88P084P / PH-001260003	Class (B)	--	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO.,LTD	PM-9750, PM-9823	V-0, 150°C, min. 0.45mm thickness	UL 94	UL E41429
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B* (UL) TIW-B (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E332529, VDE 40033527
- Insulation tape	YAHUA	CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TEFLON TUBING TFL	200°C	UL 224	UL E156256
Transformer (T901) Alt.)	ASET	380GL88P084X / 3101282126	Class (B)	--	Accepted by TÜV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO.,LTD	T200HA	V-0, 150°C, min. 0.45mm thickness	UL 94	UL E59481
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M(XX) (UL) TIW-M (VDE)	Max.130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL E213764, VDE 138053
- Insulation tape	YAHUA	CT	130°C	UL 510	UL E165111
- Teflon tube	GREAT HOLDING	TFL	200°C	UL 224	UL E156256
Switching mode power supply board: 715GE031 by TPV					
AC-Inlet (CN9001)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC16/FI/20/ 10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40003610, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 9, SA-4S 6	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 7	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	TUV R 50274698 0001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40028101, UL E102641
Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40015913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	SE-ENEC- 2001967, UL E317189
Alt.)	TECXX	TU-301 series	10A, 250Vac	ANSI/UL60320-1	UL E220004
Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23	10A, 250Vac	IEC/EN 60321-1, ANSI/UL60320-1	VDE 40028645, UL E327347
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320-1	UL E94191
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC, UL, TUV mark
Fuse (F9001 on primary)	Littelfuse Inc.	382	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1,	VDE 126983, UL E67006



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Littelfuse Inc.	443	T3.15AL, 250Vac	ANSI/UL 248-14 IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017157, UL E82636
Alt.)	Conquer	MST	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50371756 0001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E220181
Alt.)	Walter	2010 Serie(s)	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T3.15AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092
Alt.)	Walter	ICP-Series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Y- Capacitor (C9016, C9017) Y1 or Y2 type (optional)	Walsin	AC	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y-Capacitor (C9009) Y1 type (optional)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C9014) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.22µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.22µF, Min. 275Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT97000141, UL E97797
Alt.)	TDK	B3292	Max. 0.22µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jianghao	CBB62B	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Photo Coupler (U9002)	Sharp	PC123 (UL), PC123 Option Y (VDE)	Di more than 0.4mm, int = thermal cycling test, ext. more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40008087, UL E64380
Alt.)	Vishay Semiconductor	TCET1103-3034	Di more than 0.5mm, int = thermal cycling test, ext. cr more than 7.7mm, 4000Vac, 100°C.	EN 60747-5-5	VDE 40028080
Alt.)	Everlight Electronics Co., Ltd.	EL817	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 132249, UL E214129
Alt.)	Everlight Electronics Co., Ltd.	EL817M (VDE), EL817 (UL)	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5	VDE 132249, UL 214129

Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	TOSHIBA	TLP781F , TLP781	Di more than 0.5mm, int. cr =thermal cycling test, ext. cr more than 6.5mm, 4800Vac, 115°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40021173, UL E67349
Alt.)	TOSHIBA	TLP421F	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5	VDE 40010944
Alt.)	RENESAS ELECTRONICS CORPORATION	PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1, PS2561DL1-1	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 7.0mm, 5000Vac, 100°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40008862, UL E72422
Alt.)	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 8.1mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40028391, UL E214129
Alt.)	Lite-On	LTV-817	Di more than 0.6mm, int.cr=thermal cycling test, ext. cr more than 7.0mm, 4000Vac, 100°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40015248, UL E113898
Alt.)	Interchangeable	Interchangeable	Di more than 0.4mm, int.cr=thermal cycling test, ext. cr more than 6.5mm, 4800Vac, 115°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE, UL
Bleeder resistor (R9018, R9019, R9020)	Tzai Yuan Enterprise Co., Ltd.	HSMD series, SMD series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	UL CB (Report No. E354677-4789012814-1 Original)
Alt.)	Yageo Corporation	RV1206 series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	UL CB (Report No. E491387-4787887815-1 Original)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO99692)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO109707)
Alt.)	Interchangeable	Interchangeable	Each Max. 620KΩ, Min.1/4W	IEC 62368-1	CB
Line Choke (L9002) (Optional)	CHANNELON	373G0174600H	105°C	--	--
Alt.)	LIANFENG	373G0174600J	105°C	--	--
Alt.)	Taichang	373G0174600S	105°C	--	--
Transformer (T9001)	JIANGSU CHANNELON ELECTRONIC GROUP CO.,LTD	380GL32P628H / BACK-11312-HA	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO. LTD	T200HF	Phenolic, V-0, 150°C	UL 94	UL (E59481)
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
- Insulation Tape	JINGJIANG YAHUA	NO.CT	130°C	UL 510	UL (E165111)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Transformer (T9001) Alt.)	HAINING LIANFENG DONGJIN ELECTRONICS CO., LTD	380GL32P628J / BACK-30-L01312	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	CHANG CHUN PLASTICS CO.LTD	T200HF	Phenolic, V-0, 150°C	UL 94	UL (E59481)
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Transformer (T9001) Alt.)	Phoenix	380GL32P628P / PH01090100	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

- Bobbin	CHANG CHUN PLASTICS CO.,LTD	T200HF	Phenolic, V-0, 150°C	UL 94	UL (E59481)
- Triple insulation wire	KBI COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TFL	200°C	UL 224	UL (E156256)
Transformer (T9001) Alt.)	TAICHANG	380GL32P628S / BCK-EE13-06019	Class 130 material (B)	Applicable parts of IEC 62368-1 and according to IEC 60085	Accepted by TÜV Rheinland
- Bobbin	SUMITOMO BAKELITE CO LTD	PM-9630	Phenolic, V-0, 150°C	UL 94	UL (E41429)
- Triple insulation wire	GREAT LEOFLON INDUSTRIAL CO., LTD	TRW(B)* (UL) TRW(B) VDE	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E211989), VDE (136581)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBING TFL	200°C	UL 224	UL (E156256)
Switching mode power supply board: 715G7300 by TPV					
AC-Inlet (CN901)	Solteam	ST-01	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC16/FI/20/ 10036, UL E200241
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S, SA-4S 1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40003610, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 9, SA-4S 6	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4S 7	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	TUV R 50293856 0001-0012, UL E154342
Alt.)	Zhangjiagang Huajie Electronic Co., Ltd.	SA-4D	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	TUV R 50274698 0001-0002, UL E154342
Alt.)	Rong Feng	SS-120, SS-7B	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40028101, UL E102641
Alt.)	Kunshan DLK Electronics	CDJ-3	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40010513, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-3-1	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	VDE 40015913, UL E217394
Alt.)	Kunshan DLK Electronics	CDJ-7, CDJ-7 1	10A, 250Vac	EN 60320-1, ANSI/UL60320-1	SE-ENEC- 2001967, UL E317189
Alt.)	TECX	TU-301 series	10A, 250Vac	ANSI/UL60320-1	UL E220004
Alt.)	Yueqing Hongchang	DB-14, DB-14-14-R, DB-14-05, DB-14-15, DB-14-07, DB-14-11-L, DB-14-14-L, DB-14-23	10A, 250Vac	IEC/EN 60321-1, ANSI/UL60320-1	VDE 40028645, UL E327347
Alt.)	INALWAYS ELECTRONICS INC	0707-1, 0714-1, 0711-2	10A, 250Vac	ANSI/UL60320-1	UL E94191
Alt.)	Interchangeable	Interchangeable	10A, 250Vac	IEC/EN 60320-1, ANSI/UL60320-1	ENEC, UL, TUV mark
Fuse (F901 on primary)	Littelfuse Inc.	382	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018249, UL E67006
Alt.)	Littelfuse Inc.	392	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 126983, UL E67006
Alt.)	Littelfuse Inc.	443	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50310551 0001-0004, UL E10480
Alt.)	Conquer	MET	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3,	VDE 40017157, UL E82636



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: **UL-BR 24.0764**

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

				ANSI/UL 248-1, ANSI/UL 248-14	
Alt.)	Conquer	MST	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40017118, UL E82636
Alt.)	Conquer	PTU	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40001462, UL E82636
Alt.)	Conquer	SEI	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50371756 0001, UL E82636
Alt.)	Cooper Bussmann LLC	SR-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 122052, UL E19180,
Alt.)	Cooper Bussmann LLC	SS-5	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40015513, UL E19180
Alt.)	Walter	2000	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018790, UL E220181
Alt.)	Walter	2010 Serie(s)	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40018781, UL E220181
Alt.)	Walter	1032ST	T3.15AL, 250Vac	EN 60127-1, EN 60127-7, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50406605 0001-0003, UL E56092
Alt.)	Walter	2040	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV J 50426356 0001-0002, UL E56092
Alt.)	Walter	ICP-Series	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40012824, UL E56092
Alt.)	Better	932	T3.15AL, 250Vac	IEC/ EN 60127-1, IEC/ EN 60127-3, ANSI/UL 248-1, ANSI/UL 248-14	VDE 40033369, UL E300003
Alt.)	Better	244	T3.15AL, 250Vac	EN 60127-1, EN 60127-4, ANSI/UL 248-1, ANSI/UL 248-14	TUV R 50335764 0001-0003, UL E300003
Y- Capacitor (C902, C903) Y1 or Y2 type (optional)	Walsin	AC	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001829, UL E146544
Alt.)	Walsin	AH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CS	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029781, UL E37861
Alt.)	TDK	CD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002831, UL E37921
Alt.)	Murata	KH	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40002796, UL E37921
Alt.)	JYA-NAY	JY, JN	Max. 1000pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SB	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Interchangeable	Interchangeable	Max. 1000pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Y- Capacitor (C913) Y1 type (optional)	Walsin	AH	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40001804, UL E146544
Alt.)	TDK	CD	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40029780, UL E37861
Alt.)	Murata	KX	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 UL 60384-14	VDE 40002831, UL E37921
Alt.)	JYA-NAY	JN	Max. 2200pF, 250Vac, 125°C	ANSI/UL 60384-14	UL E201384
Alt.)	Hongming	F	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40036393, UL E154899
Alt.)	Wansheng	CT7	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40012143, UL E249006
Alt.)	Haohua	CT7	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40003902, UL E233106
Alt.)	Samwha	SD	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40015804, UL E97754
Alt.)	Success	SE	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037218, UL E114280
Alt.)	Success	SB	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40037221, UL E114280
Alt.)	Yinan Don's	CT81	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 135256, UL E145038
Alt.)	Interchangeable	Interchangeable	Max. 2200pF, 250Vac, 125°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
X-Capacitor (X1 or X2 type) (C901) (optional)	Ultra Tech Xiphi	HQX	Max. 0.22µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40024534, UL E183780
Alt.)	Faratronic	MKP62	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40000358, UL E186600
Alt.)	Hua Jung	MKP	Max. 0.22µF, Min. 250Vac, 110°C	ANSI/UL 60384-14	UL E149075
Alt.)	Nanjing Tengen Rongguangda	MKP	Max. 0.22µF, Min. 250Vac, 100°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40028680, UL E200596
Alt.)	Europtronic	MPX	Max. 0.22µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018238, UL E211347
Alt.)	Europtronic	MPX2	Max. 0.22µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40025981, UL E211347
Alt.)	Liow Gu	GS-L	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40023391, UL E186321
Alt.)	KEMET ELECTRONICS ITALIA SRL	R.46	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	ENEC DAT97000141, UL E97797
Alt.)	TDK	B3292	Max. 0.22µF, Min. 250Vac, 105°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40010694, UL E97863
Alt.)	ZhuHai Sung Ho Electronics Co., Ltd.	CMPP	Max. 0.22µF, Min. 275Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40026078, UL E327138
Alt.)	Jianghao	CBB62B	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE 40018690, UL E252286
Alt.)	Interchangeable	Interchangeable	Max. 0.22µF, Min. 250Vac, 110°C	IEC/EN 60384-14 ANSI/UL 60384-14	VDE, UL
Bleeder resistor (R907, R908, R909)	Tzai Yuan Enterprise Co., Ltd.	HSMD series, SMD series	Each Max. 1MΩ, Min. 1/4W	IEC 62368-1	UL CB (Report No. E354677- 4789012814-1 Original)
Alt.)	Yageo Corporation	RV1206 series	Each Max. 1MΩ, Min. 1/4W	IEC 62368-1	UL CB (Report No. E491387- 4787887815-1 Original)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RVS-06#xxxFT series	Each Max. 1MΩ, Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO99692)
Alt.)	Guangdong Fenghua Advanced Technology Holding Co., Ltd.	RS-06#xxxFT series	Each Max. 1MΩ, Min. 1/4W	IEC 62368-1	NEMKO CB (CB cert No. NO109707)
Alt.)	Interchangeable	Interchangeable	Each Max. 1MΩ, Min. 1/4W	IEC 62368-1	CB
Photo Coupler (U902)	Sharp	PC123 (UL), PC123 Option Y (VDE)	Di more than 0.4mm, int = thermal cycling test, ext. cr more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40008087, UL E64380
Alt.)	Vishay Semiconductor	TCET1103-3034	Di more than 0.5mm, int = thermal cycling test, ext. cr more than 7.7mm, 4000Vac, 100°C.	EN 60747-5-5	VDE 40028080



Certificado de Conformidade

Certificate of Conformity

Certificado / Certificate: UL-BR 24.0764

Emissão / Issue
6 de junho de 2024
June 6, 2024

Revisão/Review: 04

Validade / Expiration
5 de junho de 2027
June 5, 2027

Alt.)	Everlight Electronics Co., Ltd.	EL817	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 132249, UL E214129
Alt.)	Everlight Electronics Co., Ltd.	EL817M (VDE), EL817 (UL)	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 4000Vac, 110°C.	IEC/EN 60747-5-5	VDE 132249, UL 214129
Alt.)	TOSHIBA	TLP781F, TLP781	Di more than 0.5mm, int. cr = thermal cycling test, ext. cr more than 6.5mm, 4800Vac, 115°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40021173, UL E67349
Alt.)	TOSHIBA	TLP421F	Di more than 0.4mm, int. cr = thermal cycling test, ext. cr more than 8.0mm, 5000Vac, 110°C.	IEC/EN 60747-5-5	VDE 40010944
Alt.)	RENESAS ELECTRONICS CORPORATION	PS2561-1, PS2561L-1, PS2561L2-1, PS2561DL1-1	Di more than 0.4mm, int. cr = thermal cycling test, ext. cr more than 7.0mm, 5000Vac, 100°C.	EN 60747-5-5, ANSI/UL 1577	VDE 40008862, UL E72422
Alt.)	Everlight Electronics Co., Ltd.	EL1013 V (VDE), EL1013 (UL)	Di more than 0.4mm, int. cr = thermal cycling test, ext. cr more than 8.1mm, 4000Vac, 110°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40028391, UL E214129
Alt.)	Lite-On	LTV-817	Di more than 0.6mm, int. cr = thermal cycling test, ext. cr more than 7.0mm, 4000Vac, 100°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE 40015248, UL E113898
Alt.)	Interchangeable	Interchangeable	Di more than 0.4mm, int. cr = thermal cycling test, ext. cr more than 6.5mm, 4800Vac, 115°C.	IEC/EN 60747-5-5, ANSI/UL 1577	VDE, UL
Line Filter (L901 or L903)	CHANNELON	373G0174557H	105°C	--	--
Alt.)	LIANFENG DONGJIN	373G0174557J	105°C	--	--
Transformer (T901)	Channelon	380GL19P535H / BCK-11628-HA	Class (B)	--	Accepted by TÜV Rheinland
- Bibbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150°C	UL 94	UL (E41429)
- Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
Alt.)	SYMBIO INC	No.35660Y	130°C	UL 510	UL (E50292)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBING TFL	200°C	UL 224	UL (E156256)
Transformer (T901) Alt.)	LIANFENG DONGJIN	380GL19P535J / BCK-30-L0535H	Class (B)	--	Accepted by TÜV Rheinland
- Bibbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150°C	UL 94	UL (E41429)
- Triple insulation wire	COSMOLINK CO.,LTD	TIW-M	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E213764), VDE (138053)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
Alt.)	SYMBIO INC	No.35660Y	130°C	UL 510	UL (E50292)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBING TFL	200°C	UL 224	UL (E156256)
Transformer (T901) Alt.)	PHOENIX	380GL19P535P / PH01014600	Class (B)	--	Accepted by TÜV Rheinland
- Bibbin	SUMITOMO BAKELITE CO.,LTD	PM-9820	Phenolic, V-0, 150°C	UL 94	UL (E41429)
- Triple insulation wire	SUZHOU YUSHENG ELECTRONIC CO LTD	TIW-B+@	130°C	IEC/EN 60950-1, VDE0805 Teil1, UL 2353	UL (E332529), VDE (40033527)
- Insulation Tape	JINGJIANG YAHUA	No.CT	130°C	UL 510	UL (E165111)
Alt.)	SYMBIO INC	No.35660Y	130°C	UL 510	UL (E50292)
- Tube	GREAT HOLDING INDUSTRIAL CO.,LTD	TEFLON TUBING TFL	200°C	UL 224	UL (E156256)