

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
QDC - PAV	3	26971.1	220/70.98 A	0.70	43.64	16 mm ²	35 mm ²	4 mm ²	50 mm ²	—	50 mm ²	3P30	
QDC - PAV	3	18362.8	220/48.32 A	0.70	43.64	16 mm ²	25 mm ²	4 mm ²	35 mm ²	—	35 mm ²	3P30	
QDC - PAV	3	30210.0	220/78.50 A	0.70	48.09	35 mm ²	50 mm ²	4 mm ²	70 mm ²	—	70 mm ²	3P100	
QDC - QUA	3	2888.9	220/7.60 A	1.00	42.87	2.5 mm ²	0.5 mm ²	4 mm ²	—	—	4 mm ²	3P25	

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC - PAV. 01

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
EMERG.	1	40.0	127/0.31 A	0.50	8.92	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	10	
PV1-T2	1	1040.0	127/8.19 A	0.50	12.15	1.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV1-A4	2	2480.0	220/11.27 A	0.60	14.60	1.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV1-T4	1	960.0	127/7.56 A	0.50	25.30	4 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	4 mm ²	20	
PV1-T3	1	960.0	127/7.56 A	0.50	17.15	2.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV1-L3	1	611.1	127/4.81 A	1.00	16.40	1.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV1-L2	1	240.0	127/1.89 A	0.50	16.75	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV1-L1	1	240.0	127/1.89 A	0.50	7.45	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV1-A7	2	2480.0	220/11.27 A	0.50	25.80	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	6 mm ²	4 mm ²	2P25	
PV1-T1	1	1040.0	127/8.19 A	0.60	17.17	2.5 mm ²	1 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	10A	
PV1-A8	2	2480.0	220/11.27 A	0.50	30.83	4 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	6 mm ²	6 mm ²	2P25	
PV1-A5	2	2480.0	220/11.27 A	0.50	17.50	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	6 mm ²	6 mm ²	2P25	
PV1-A6	2	2480.0	220/11.27 A	0.50	22.83	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	6 mm ²	6 mm ²	2P25	
PV1-A1	2	2480.0	220/11.27 A	0.60	17.62	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV1-A2	2	2480.0	220/11.27 A	0.60	12.29	1.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV1-A3	2	2480.0	220/11.27 A	0.60	9.27	1 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC - PAV. 02

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
EMERG.	1	80.0	127/0.63 A	0.60	14.51	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	10	
PV2-T4	2	570.0	220/2.59 A	0.60	16.00	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	2P20	
PV2-L3	1	400.0	127/3.15 A	1.00	14.96	0.75 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV2-T1	1	2470.0	127/19.45 A	0.60	14.68	6 mm ²	6 mm ²	2.5 mm ²	2.5 mm ²	10 mm ²	10 mm ²	25	
PV2-L1	1	380.0	127/2.99 A	0.60	7.31	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV2-T2	1	2124.4	127/16.73 A	0.60	16.74	4 mm ²	4 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	20	
PV2-L2	1	1440.0	127/11.34 A	0.60	17.07	4 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	4 mm ²	20	
PV2-L1	1	420.0	127/3.31 A	0.60	16.36	1 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	10	
PV2-A3	2	2480.0	220/11.27 A	0.60	8.96	1 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV2-A2	2	2480.0	220/11.27 A	0.60	14.76	1.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV2-A1	2	2480.0	220/11.27 A	0.60	15.16	1.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
QDC-EST-1	3	1800.0	220/4.74 A	1.00	0.15	0.5 mm ²	0.5 mm ²	4 mm ²	4 mm ²	—	6 mm ²	3P25	

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC-EST-INFORMÁTICA

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
EST-T1	1	1800.0	127/14.17 A	1.00	7.68	2.5 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	16	

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC - PAV. 03

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
EMERG.	1	40.0	127/0.31 A	0.52	7.72	0.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	10	
PV3-T3	1	1000.0	127/7.87 A	0.52	23.99	4 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	4 mm ²	20	
PV3-A2	2	2480.0	220/11.27 A	0.60	17.09	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A1	2	2480.0	220/11.27 A	0.60	23.13	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-T4	1	1500.0	127/11.81 A	0.52	30.57	4 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	20	
PV3-L1	1	440.0	127/3.48 A	0.60	22.83	1.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV3-L2	1	440.0	127/3.48 A	0.52	19.80	1 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV3-T2	1	1000.0	127/7.87 A	0.65	18.58	2.5 mm ²	1 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV3-T1	1	1000.0	127/7.87 A	0.60	17.62	2.5 mm ²	1 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
PV3-A7	2	2480.0	220/11.27 A	0.52	26.17	4 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A8	2	2480.0	220/11.27 A	0.52	34.22	4 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A5	2	2480.0	220/11.27 A	0.52	17.41	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A6	2	2480.0	220/11.27 A	0.52	23.45	2.5 mm ²	2.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A3	2	2480.0	220/11.27 A	0.65	9.08	1 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	
PV3-A4	2	2480.0	220/11.27 A	0.65	9.35	1 mm ²	1.5 mm ²	2.5 mm ²	2.5 mm ²	—	6 mm ²	2P25	

Projeto: Projeto 1
Prancha: Tabela
Quadro: QDC - QUADRA

Circuito	Fase	Carga	Demanda	Corrente	Fator	Compr.	Bitola	Bitola	Bitola	Bitola	Bitola	Bitola	Proteção
dado (V.A)	(V)	(A)	(A)	(A)		(m)	Q.Tensão	Cap.Corr.	Mínima	Proteção	Partida	Utilizada	(A)
L1	1	1444.4	220/6.57 A	1.00	18.92	1 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	
L2	1	1444.4	220/6.57 A	1.00	26.84	1.5 mm ²	0.5 mm ²	2.5 mm ²	2.5 mm ²	—	2.5 mm ²	20	

Quadro de Cargas													
Circ.	Descrição	W	P	F	F	F	F	F	F	F	F	F	F
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	16 mm ²	35 mm ²	4 mm ²	50 mm ²	—	50 mm ²	3P30	
QDC - PAV	3	26971.1	220/70.98 A	0.70	43.64	16 mm ²	35 mm ²	4 mm ²	50 mm ²	—	50 mm ²	3P30	
QDC - PAV. 01	3	18362.8	220/48.32 A	0.70	43.64	16 mm ²	25 mm ²	4 mm ²	35 mm ²	—	35 mm ²	3P30	
QDC - PAV. 02	3	30210.0	220/78.50 A	0.70	48.09	35 mm ²	50 mm ²	4 mm ²	70 mm ²	—	70 mm ²	3P100	
QDC - QUA	3	2888.9	220/7.60 A	1.00	42.87	2.5 mm ²	0.5 mm ²	4 mm ²	—	—	4 mm ²	3P25	
Potência Demandada: 100% (68085.5 W) (78432.8 V.A)													
Corrente nos Fases: R=255.8A S=255.8A T=255.8A													

Quadro de Cargas													
Circ.	Descrição	W	P	F	F	F	F	F	F	F	F	F	F
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	16 mm ²	35 mm ²	4 mm ²	50 mm ²	—	50 mm ²	3P30	
QDC - PAV	3	26971.1	220/70.98 A	0.70	43.64	16 mm ²	35 mm ²	4 mm ²	50 mm ²	—	50 mm ²	3P30	
QDC - PAV. 01	3	18362.8	220/48.32 A	0.70	43.64	16 mm ²	25 mm ²	4 mm ²	35 mm ²	—	35 mm ²	3P30	
QDC - PAV. 02	3	30210.0	220/78.50 A	0.70	48.09	35 mm ²	50 mm ²	4 mm ²	70 mm ²	—	70 mm ²	3P100	
QDC - QUA	3	2888.9	220/7.60 A	1.00	42.87	2.5 mm ²	0.5 mm ²	4 mm ²	—	—	4 mm ²	3P25	
Potência Total (26874.0 W) (30971.1 V.A) Potência Demandada: 87.08% (23674.0 W) (26971.1 V.A)													
Corrente nos Fases: R=158.8A S=158.8A T=158.8A													

Quadro de Cargas															
Circ.	Descrição	QDC - PAV. 02 (Quadro de Distribuição Geral - PAV. 02)				PAV. 02									
		W	P	F	F	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC	QDC	26971.1	220/70.98 A	0.70	43.64	1	2	3	4	5	6	7	8	9	10
QDC															