

QD1- QUADRO DE DISTRIBUIÇÃO (CARGAS COMUNS) (230V)																	
CIRCUITO N°	POTÊNCIA ATIVA (W)	FACTOR DE POTÊNCIA	POTÊNCIA APARENTE (VA)	TENSÃO (V)	CORRENTE (A)	CABO				PROTEÇÃO				DISTÂNCIA (m)	QUEDA DE TENSÃO (V%)	FASEAMENTO	DESCRIÇÃO
						FASE (mm²)	NEUTRO (mm²)	PROTEÇÃO (TERRA) (mm²)	ISOLAÇÃO	MÉTODO DE INSTALAÇÃO (NR 240)	PROTEÇÃO (A)	CORRENTE (A)	AJUSTE				
QDC01	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	50A	-	DTM	40,0m	2,93%	RS ALIMENTAÇÃO 1
QDC02	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RS ALIMENTAÇÃO 2
QDC03	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 3
QDC04	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 4
QDC05	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 5
QDC06	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	ST ALIMENTAÇÃO 6
QDC07	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	ST ALIMENTAÇÃO 7
QDC08	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RS ALIMENTAÇÃO 8
QDC09	9000	0,92	9783	220V	25,67A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	28A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 9
QDC10	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 10
QDC11	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	ST ALIMENTAÇÃO 11
QDC12	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	ST ALIMENTAÇÃO 12
QDC13	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	RT ALIMENTAÇÃO 13
QDC14	9000	0,92	9783	181V	25,67A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	28A	25A	-	DTM	40,0m	0,35%	RT ALIMENTAÇÃO 14
QDC15	9000	0,92	9783	220V	44,47A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	40,0m	1,01%	ST ALIMENTAÇÃO 15
QDC16	9000	0,92	9783	221V	44,27A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	49A	25A	-	DTM	41,0m	1,04%	ST ALIMENTAÇÃO 16
QDC17	9000	0,92	9783	222V	43,67A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	48A	25A	-	DTM	42,0m	1,06%	ST ALIMENTAÇÃO 17
QDC18	9000	0,92	9783	223V	43,87A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	48A	25A	-	DTM	43,0m	1,08%	ST ALIMENTAÇÃO 18
QDC19	9000	0,92	9783	224V	43,67A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	48A	25A	-	DTM	44,0m	1,10%	ST ALIMENTAÇÃO 19
QDC20	9000	0,92	9783	225V	43,48A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	48A	25A	-	DTM	45,0m	1,12%	ST ALIMENTAÇÃO 20
QDC21	9000	0,92	9783	226V	43,29A	1X 16,0mm²	16,0mm²	1X 16,0mm²	0,6/1kV-PVC 70°C	D	48A	25A	-	DTM	46,0m	1,14%	ST ALIMENTAÇÃO 21
															PREVER RESERVA TÉCNICA DE 40%		
FACTOR DE DEMANDA (%)= 90%															R	43.500,00W	
TOTAL 189.000,0															S	76.500,00W	
DEMANDA 176.100,0															T	75.000,00W	
206,434,8 220V ±10,75A 2X 240,0mm² 1X 50,0mm² 1X 35,0mm² 0,6/1kV-EPR 90°C BI 536A 600A 0A DTM 20,0m 0,35% 1 75.000,00W															EQUILÍBRIO DAS FASES(W)		
±10,75A 1X 240,0mm² 1X 35,0mm² 1X 35,0mm² 0,6/1kV-EPR 90°C BI 613A 125A DDR 20,0m 0,15% 189.000,00W															TOTAL		
Corrente de curto circuito 25,00 kA																	

LEGENDA	
	SEÇÃO DE DISTRIBUIÇÃO DE LUZ E FORÇA DE BAIXA TENSÃO - VER NORMAS 6.3.3.1, 6.3.3.2, 6.3.3.3, 6.3.3.4, 6.3.3.5, 6.3.3.6, 6.3.3.7, 6.3.3.8, 6.3.3.9, 6.3.3.10, 6.3.3.11, 6.3.3.12, 6.3.3.13, 6.3.3.14, 6.3.3.15, 6.3.3.16, 6.3.3.17, 6.3.3.18, 6.3.3.19, 6.3.3.20, 6.3.3.21, 6.3.3.22, 6.3.3.23, 6.3.3.24, 6.3.3.25, 6.3.3.26, 6.3.3.27, 6.3.3.28, 6.3.3.29, 6.3.3.30, 6.3.3.31, 6.3.3.32, 6.3.3.33, 6.3.3.34, 6.3.3.35, 6.3.3.36, 6.3.3.37, 6.3.3.38, 6.3.3.39, 6.3.3.40, 6.3.3.41, 6.3.3.42, 6.3.3.43, 6.3.3.44, 6.3.3.45, 6.3.3.46, 6.3.3.47, 6.3.3.48, 6.3.3.49, 6.3.3.50, 6.3.3.51, 6.3.3.52, 6.3.3.53, 6.3.3.54, 6.3.3.55, 6.3.3.56, 6.3.3.57, 6.3.3.58, 6.3.3.59, 6.3.3.60, 6.3.3.61, 6.3.3.62, 6.3.3.63, 6.3.3.64, 6.3.3.65, 6.3.3.66, 6.3.3.67, 6.3.3.68, 6.3.3.69, 6.3.3.70, 6.3.3.71, 6.3.3.72, 6.3.3.73, 6.3.3.74, 6.3.3.75, 6.3.3.76, 6.3.3.77, 6.3.3.78, 6.3.3.79, 6.3.3.80, 6.3.3.81, 6.3.3.82, 6.3.3.83, 6.3.3.84, 6.3.3.85, 6.3.3.86, 6.3.3.87, 6.3.3.88, 6.3.3.89, 6.3.3.90, 6.3.3.91, 6.3.3.92, 6.3.3.93, 6.3.3.94, 6.3.3.95, 6.3.3.96, 6.3.3.97, 6.3.3.98, 6.3.3.99, 6.3.3.100, 6.3.3.101, 6.3.3.102, 6.3.3.103, 6.3.3.104, 6.3.3.105, 6.3.3.106, 6.3.3.107, 6.3.3.108, 6.3.3.109, 6.3.3.110, 6.3.3.111, 6.3.3.112, 6.3.3.113, 6.3.3.114, 6.3.3.115, 6.3.3.116, 6.3.3.117, 6.3.3.118, 6.3.3.119, 6.3.3.120, 6.3.3.121, 6.3.3.122, 6.3.3.123, 6.3.3.124, 6.3.3.125, 6.3.3.126, 6.3.3.127, 6.3.3.128, 6.3.3.129, 6.3.3.130, 6.3.3.131, 6.3.3.132, 6.3.3.133, 6.3.3.134, 6.3.3.135, 6.3.3.136, 6.3.3.137, 6.3.3.138, 6.3.3.139, 6.3.3.140, 6.3.3.141, 6.3.3.142, 6.3.3.143, 6.3.3.144, 6.3.3.145, 6.3.3.146, 6.3.3.147, 6.3.3.148, 6.3.3.149, 6.3.3.150, 6.3.3.151, 6.3.3.152, 6.3.3.153, 6.3.3.154, 6.3.3.155, 6.3.3.156, 6.3.3.157, 6.3.3.158, 6.3.3.159, 6.3.3.160, 6.3.3.161, 6.3.3.162, 6.3.3.163, 6.3.3.164, 6.3.3.165, 6.3.3.166, 6.3.3.167, 6.3.3.168, 6.3.3.169, 6.3.3.170, 6.3.3.171, 6.3.3.172, 6.3.3.173, 6.3.3.174, 6.3.3.175, 6.3.3.176, 6.3.3.177, 6.3.3.178, 6.3.3.179, 6.3.3.180, 6.3.3.181, 6.3.3.182, 6.3.3.183, 6.3.3.184, 6.3.3.185, 6.3.3.186, 6.3.3.187, 6.3.3.188, 6.3.3.189, 6.3.3.190, 6.3.3.191, 6.3.3.192, 6.3.3.193, 6.3.3.194, 6.3.3.195, 6.3.3.196, 6.3.3.197, 6.3.3.198, 6.3.3.199, 6.3.3.200, 6.3.3.201, 6.3.3.202, 6.3.3.203, 6.3.3.204, 6.3.3.205, 6.3.3.206, 6.3.3.207, 6.3.3.208, 6.3.3.209, 6.3.3.210, 6.3.3.211, 6.3.3.212, 6.3.3.213, 6.3.3.214, 6.3.3.215, 6.3.3.216, 6.3.3.217, 6.3.3.218, 6.3.3.219, 6.3.3.220, 6.3.3.221, 6.3.3.222, 6.3.3.223, 6.3.3.224, 6.3.3.225, 6.3.3.226, 6.3.3.227, 6.3.3.228, 6.3.3.229, 6.3.3.230, 6.3.3.231, 6.3.3.232, 6.3.3.233, 6.3.3.234, 6.3.3.235, 6.3.3.236, 6.3.3.237, 6.3.3.238, 6.3.3.239, 6.3.3.240, 6.3.3.241, 6.3.3.242, 6.3.3.243, 6.3.3.244, 6.3.3.245, 6.3.3.246, 6.3.3.247, 6.3.3.248, 6.3.3.249, 6.3.3.250, 6.3.3.251, 6.3.3.252, 6.3.3.253, 6.3.3.254, 6.3.3.255, 6.3.3.256, 6.3.3.257, 6.3.3.258, 6.3.3.259, 6.3.3.260, 6.3.3.261, 6.3.3.262, 6.3.3.263, 6.3.3.264, 6.3.3.265, 6.3.3.266, 6.3.3.267, 6.3.3.268, 6.3.3.269, 6.3.3.270, 6.3.3.271, 6.3.3.272, 6.3.3.273, 6.3.3.274, 6.3.3.275, 6.3.3.276, 6.3.3.277, 6.3.3.278, 6.3.3.279, 6.3.3.280, 6.3.3.281, 6.3.3.282, 6.3.3.283, 6.3.3.284, 6.3.3.285, 6.3.3.286, 6.3.3.287, 6.3.3.288, 6.3.3.289, 6.3.3.290, 6.3.3.291, 6.3.3.292, 6.3.3.293, 6.3.3.294, 6.3.3.295, 6.3.3.296, 6.3.3.297, 6.3.3.298, 6.3.3.299, 6.3.3.300, 6.3.3.301, 6.3.3.302, 6.3.3.303, 6.3.3.304, 6.3.3.305, 6.3.3.306, 6.3.3.307, 6.3.3.308, 6.3.3.309, 6.3.3.310, 6.3.3.311, 6.3.3.312, 6.3.3.313, 6.3.3.314, 6.3.3.315, 6.3.3.316, 6.3.3.317, 6.3.3.318, 6.3.3.319, 6.3.3.320, 6.3.3.321, 6.3.3.322, 6.3.3.323, 6.3.3.324, 6.3.3.325, 6.3.3.326, 6.3.3.327, 6.3.3.328, 6.3.3.329, 6.3.3.330, 6.3.3.331, 6.3.3.332, 6.3.3.333, 6.3.3.334, 6.3.3.335, 6.3.3.336, 6.3.3.337, 6.3.3.338, 6.3.3.339, 6.3.3.340, 6.3.3.341, 6.3.3.342, 6.3.3.343, 6.3.3.344, 6.3.3.345, 6.3.3.346, 6.3.3.347, 6.3.3.348, 6.3.3.349, 6.3.3.350, 6.3.3.351, 6.3.3.352, 6.3.3.353, 6.3.3.354, 6.3.3.355, 6.3.3.356, 6.3.3.357, 6.3.3.358, 6.3.3.359, 6.3.3.360, 6.3.3.361, 6.3.3.362, 6.3.3.363, 6.3.3.364, 6.3.3.365, 6.3.3.366, 6.3.3.367, 6.3.3.368, 6.3.3.369, 6.3.3.370, 6.3.3.371, 6.3.3.372, 6.3.3.373, 6.3.3.374, 6.3.3.375, 6.3.3.376, 6.3.3.377, 6.3.3.378, 6.3.3.379, 6.3.3.380, 6.3.3.381, 6.3.3.382, 6.3.3.383, 6.3.3.384, 6.3.3.385, 6.3.3.386, 6.3.3.387, 6.3.3.388, 6.3.3.389, 6.3.3.390, 6.3.3.391, 6.3.3.392, 6.3.3.393, 6.3.3.394, 6.3.3.395, 6.3.3.396, 6.3.3.397, 6.3.3.398, 6.3.3.399, 6.3.3.400, 6.3.3.401, 6.3.3.402, 6.3.3.403, 6.3.3.404, 6.3.3.405, 6.3.3.406, 6.3.3.407, 6.3.3.408, 6.3.3.409, 6.3.3.410, 6.3.3.411, 6.3.3.412, 6.3.3.413, 6.3.3.414, 6.3.3.415, 6.3.3.416, 6.3.3.417, 6.3.3.418, 6.3.3.419, 6.3.3.420, 6.3.3.421, 6.3.3.422, 6.3.3.423, 6.3.3.424, 6.3.3.425, 6.3.3.426, 6.3.3.427, 6.3.3.428, 6.3.3.429, 6.3.3.430, 6.3.3.431, 6.3.3.432, 6.3.3.433, 6.3.3.434, 6.3.3.435, 6.3.3.436, 6.3.3.437, 6.3.3.438, 6.3.3.439, 6.3.3.440, 6.3.3.441, 6.3.3.442, 6.3.3.443, 6.3.3.444, 6.3.3.445, 6.3.3.446, 6.3.3.447, 6.3.3.448, 6.3.3.449, 6.3.3.450, 6.3.3.451, 6.3.3.452, 6.3.3.453, 6.3.3.454, 6.3.3.455, 6.3.3.456, 6.3.3.457, 6.3.3.458, 6.3.3.459, 6.3.3.460, 6.3.3.461, 6.3.3.462, 6.3.3.463, 6.3.3.464, 6.3.3.465, 6.3.3.466, 6.3.3.467, 6.3.3.468, 6.3.3.469, 6.3.3.470, 6.3.3.471, 6.3.3.472, 6.3.3.473, 6.3.3.474, 6.3.3.475, 6.3.3.476, 6.3.3.477, 6.3.3.478, 6.3.3.479, 6.3.3.480, 6.3.3.481, 6.3.3.482, 6.3.3.483, 6.3.3.484, 6.3.3.485, 6.3.3.486, 6.3.3.487, 6.3.3.488, 6.3.3.489, 6.3.3.490, 6.3.3.491, 6.3.3.492, 6.3.3.493, 6.3.3.494, 6.3.3.495, 6.3.3.496, 6.3.3.497, 6.3.3.498, 6.3.3.499, 6.3.3.500, 6.3.3.501, 6.3.3.502, 6.3.3.503, 6.3.3.504, 6.3.3.505, 6.3.3.506, 6.3.3.507, 6.3.3.508, 6.3.3.509, 6.3.3.510, 6.3.3.511, 6.3.3.512, 6.3.3.513, 6.3.3.514, 6.3.3.515, 6.3.3.516, 6.3.3.517, 6.3.3.518, 6.3.3.519, 6.3.3.520, 6.3.3.521, 6.3.3.522, 6.3.3.523, 6.3.3.524, 6.3.3.525, 6.3.3.526, 6.3.3.527, 6.3.3.528, 6.3.3.529, 6.3.3.530, 6.3.3.531, 6.3.3.532, 6.3.3.533, 6.3.3.534, 6.3.3.535, 6.3.3.536, 6.3.3.537, 6.3.3.538, 6.3.3.539, 6.3.3.540, 6.3.3.541, 6.3.3.542, 6.3.3.543, 6.3.3.544, 6.3.3.545, 6.3.3.546, 6.3.3.547, 6.3.3.548, 6.3.3.549, 6.3.3.550, 6.3.3.551, 6.3.3.552, 6.3.3.553, 6.3.3.554, 6.3.3.555, 6.3.3.556, 6.3.3.557, 6.3.3.558, 6.3.3.559, 6.3.3.560, 6.3.3.561, 6.3.3.562, 6.3.3.563, 6.3.3.564, 6.3.3.565, 6.3.3.566, 6.3.3.567, 6.3.3.568, 6.3.3.569, 6.3.3.570, 6.3.3.571, 6.3.3.572, 6.3.3.573, 6.3.3.574, 6.3.3.575, 6.3.3.576, 6.3.3.577, 6.3.3.578, 6.3.3.579, 6.3.3.580, 6.3.3.581, 6.3.3.582, 6.3.3.583, 6.3.3.584, 6.3.3.585, 6.3.3.586, 6.3.3.587, 6.3.3.588, 6.3.3.589, 6.3.3.590, 6.3.3.591, 6.3.3.592, 6.3.3.593, 6.3.3.594, 6.3.3.595, 6.3.3.596, 6.3.3.597, 6.3.3.598, 6.3.3.599, 6.3.3.600, 6.3.3.601, 6.3.3.602, 6.3.3.603, 6.3.3.604, 6.3.3.605, 6.3.3.606, 6.3.3.607, 6.3.3.608, 6.3.3.609, 6.3.3.610, 6.3.3.611, 6.3.3.612, 6.3.3.613, 6.3.3.614, 6.3.3.615, 6.3.3.616, 6.3.3.617, 6.3.3.618, 6.3.3.619, 6.3.3.620, 6.3.3.621, 6.3.3.622, 6.3.3.623, 6.3.3.624, 6.3.3.625, 6.3.3.626, 6.3.3.627, 6.3.3.628, 6.3.3.629, 6.3.3.630, 6.3.3.631, 6.3.3.632, 6.3.3.633, 6.3.3.634, 6.3.3.635, 6.3.3.636, 6.3.3.637, 6.3.3.638, 6.3.3.639, 6.3.3.640, 6.3.3