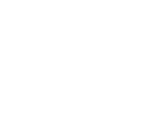
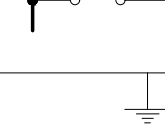
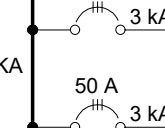
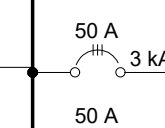
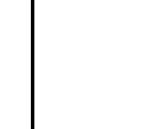
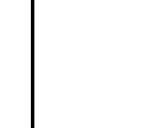
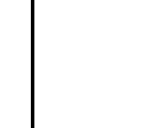
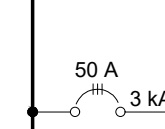
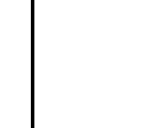
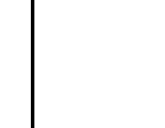
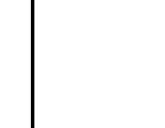
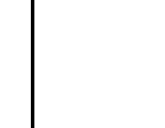
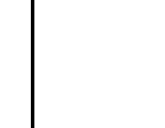
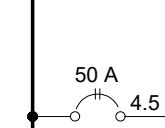
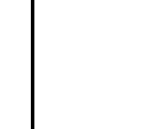
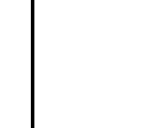
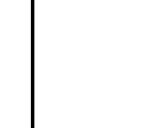
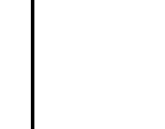
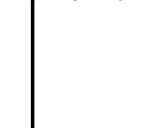
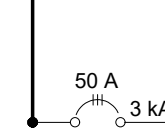
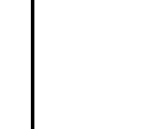
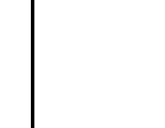
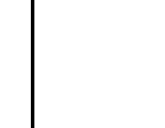
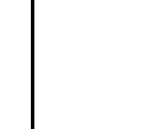
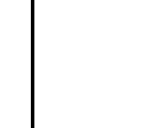
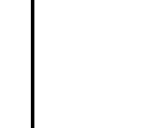
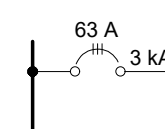
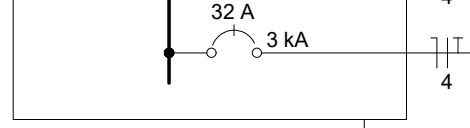
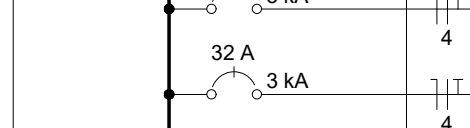
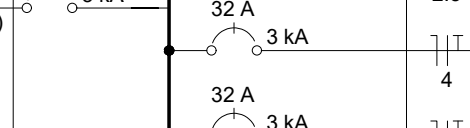
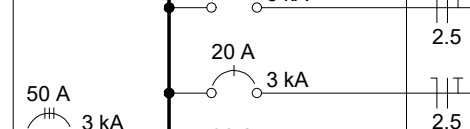
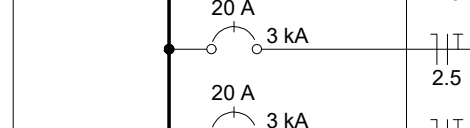
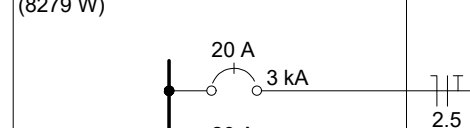
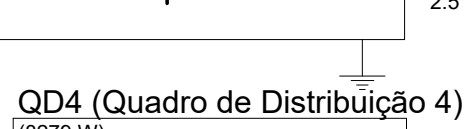
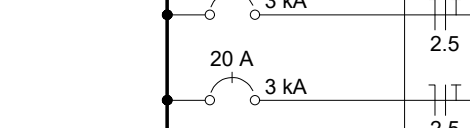
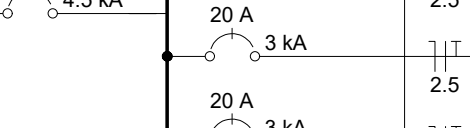
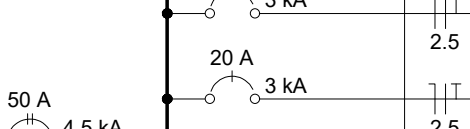
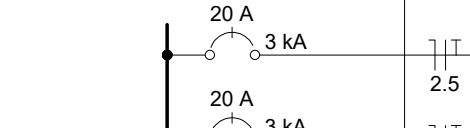
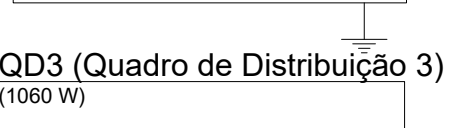
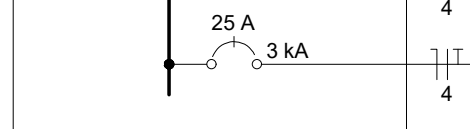
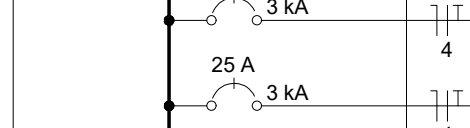
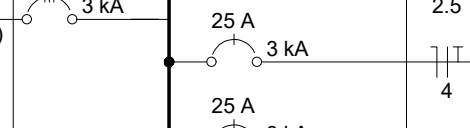
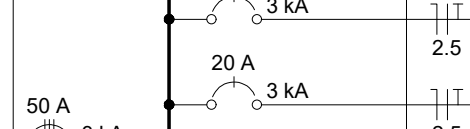
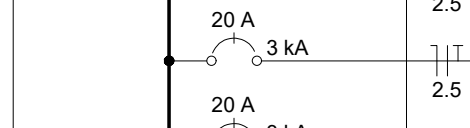
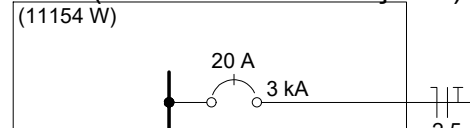
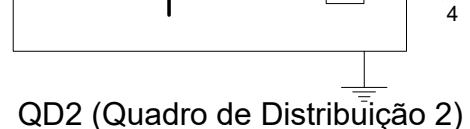
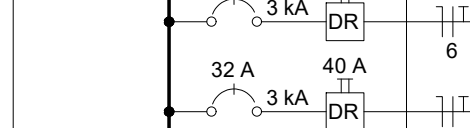
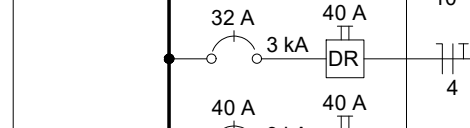
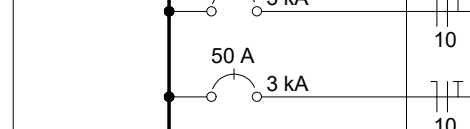
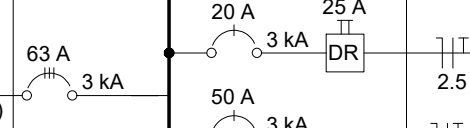
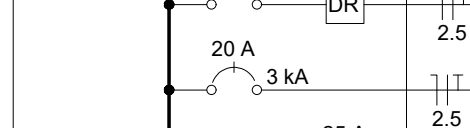
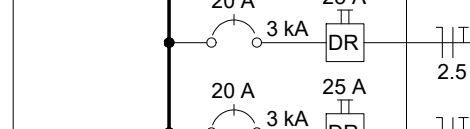
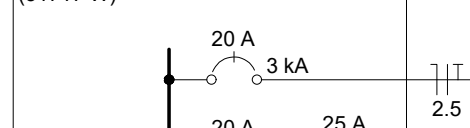


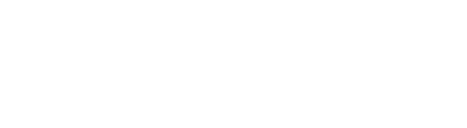
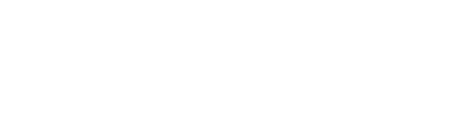
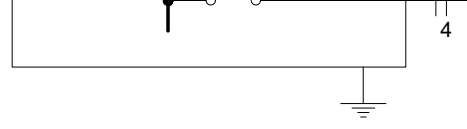
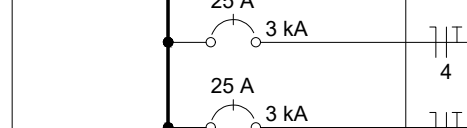
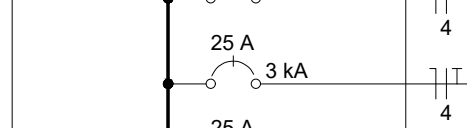
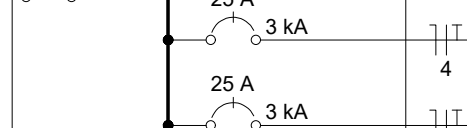
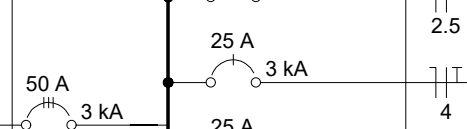
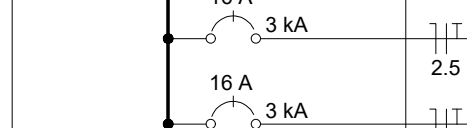
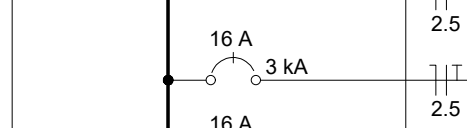
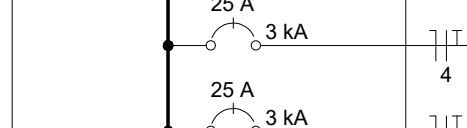
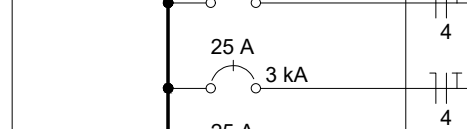
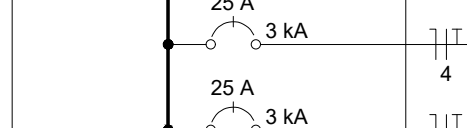
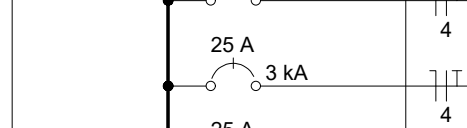
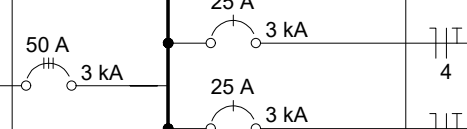
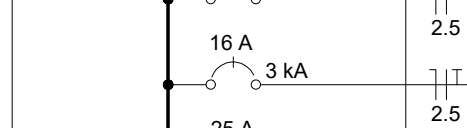
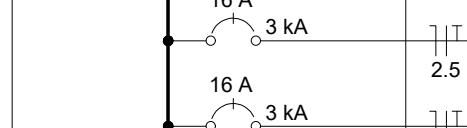
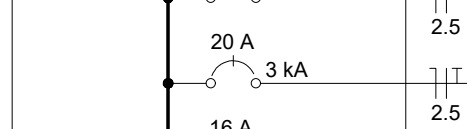
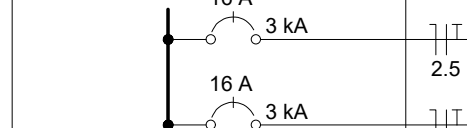
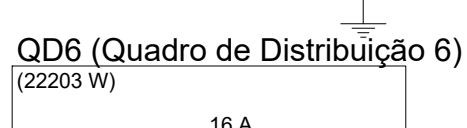
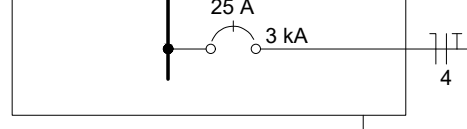
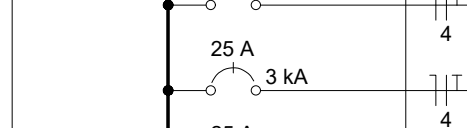
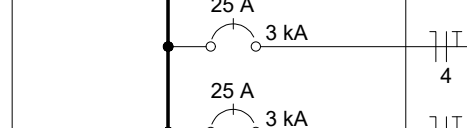
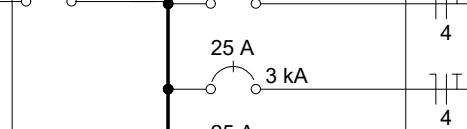
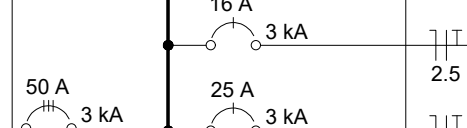
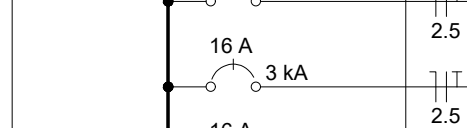
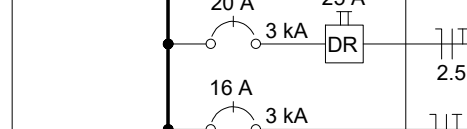
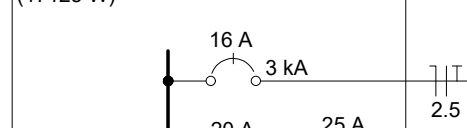
QG1 (107330 W)



QD1 (Quadro de Distribuição 1)



QD5 (Quadro de Distribuição 5)



Quadro de Demanda (AL1) - Térmico					
Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kW)		
Condicionador de ar tipo janela (Não residencial)	52,31	86,00	44,98		
Iluminação e TUEs (Escolas e semelhantes)	12,00	100,00	12,00		
TOTAL	64,31	90,00	58,08		

Quadro de Cargas (AL1) - Térmico														
Circuito	Descrição	Esquema	Tensão (V)	Pot. total (W)	Pot. total (VA)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	FP	FCT	FCA	It ² (mm ²)	It ² (mm ²)
QD1	Quadro de Distribuição 1	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD2	Quadro de Distribuição 2	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
TOTAL				108598	107330	A+B+C	33469	36592	37269					

Quadro de Cargas (QD1) - Térmico														
Circuito	Descrição	Esquema	Tensão (V)	Pot. total (W)	Pot. total (VA)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	FP	FCT	FCA	It ² (mm ²)	It ² (mm ²)
QD1	Quadro de Distribuição 1	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD2	Quadro de Distribuição 2	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD3	Quadro de Distribuição 3	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD4	Quadro de Distribuição 4	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD5	Quadro de Distribuição 5	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD6	Quadro de Distribuição 6	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD7	Quadro de Distribuição 7	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
TOTAL				108598	107330	A+B+C	33469	36592	37269					

Quadro de Cargas (QD1) - Térmico														
Circuito	Descrição	Esquema	Tensão (V)	Pot. total (W)	Pot. total (VA)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	FP	FCT	FCA	It ² (mm ²)	It ² (mm ²)
QD1	Quadro de Distribuição 1	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD2	Quadro de Distribuição 2	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD3	Quadro de Distribuição 3	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD4	Quadro de Distribuição 4	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD5	Quadro de Distribuição 5	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD6	Quadro de Distribuição 6	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
QD7	Quadro de Distribuição 7	3F+N+T	380/220 V	108598	107330	A+B+C	33469	36592	37269	0,99	1,00	128,0	128,0	70
TOTAL				108598	107330	A+B+C	33469	36592	37269					

Quadro de Cargas (QD1) - Térmico														
Circuito	Descrição	Esquema	Tensão (V)	Pot. total (W)	Pot. total (VA)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	FP	FCT	FCA	It ² (mm ²)	It ² (mm ²)
1	Iluminação	F+N+T	220 V	4	7	54								
2	Tomadas	F+N+T	220 V	7	7									
3	Tomadas	F+N+T	220 V											
4	Tomadas	F+N+T	220 V											
5	Tomadas	F+N+T	220 V	10	10									
6	Forno	F+N+T	220 V											
7	Forno	F+N+T	220 V											
8	Lava louça	F+N+T	220 V											
9	Chuveiro	F+N+T	220 V											
10	Lava louça	F+N+T	220 V											
TOTAL				4	7	54	22	1	2	2	1	2	32335	31717

Circuito	Descrição	Esquema	Tensão (V)	Iluminação (W)	Tomadas (W)	Pot. total (VA)	Pot. total (W)	Fases	Pot. - A (W)	Pot. - B (W)	Pot. - C (W)	FP	FCT	FCA	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It 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(mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It (mm)	It 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