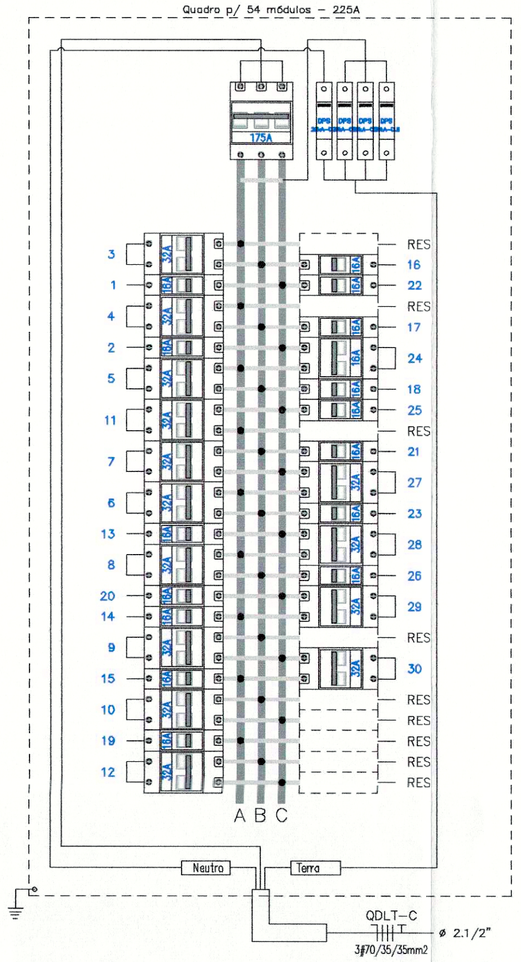
QDLT–C

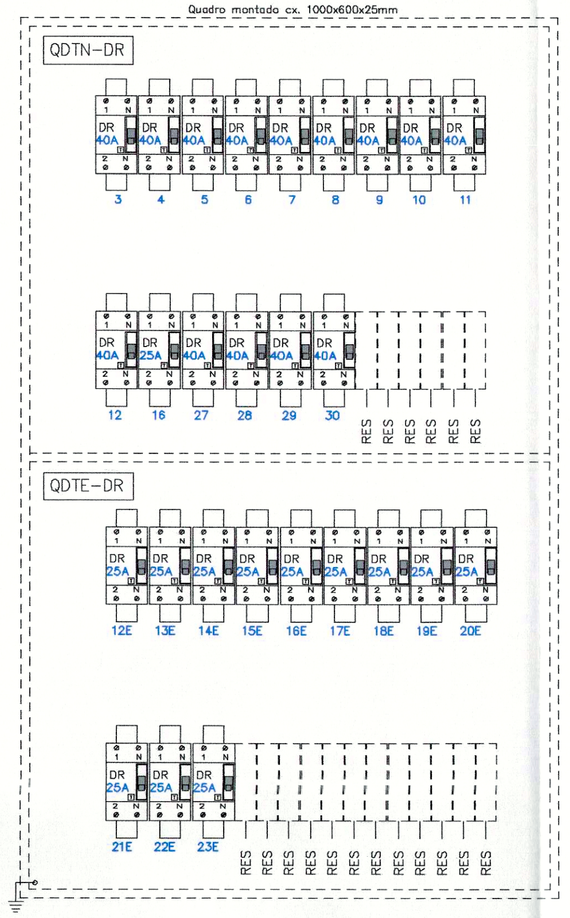
Circ.	Iluminação		Tomadas				Chuveiro	Pot.	Pot.	Fat.	Corr.	Prot.	Cond.	Fases
	20W	24W	100W	200W	300W	1000W	5400W	W	V.A	Pot.	A	A	mm2	ABC
1	2	15						400.0	762.1	0.50*	6.00	1P–16A	2.5	C
2		25						600.0	1200.0	0.50	9.45	1P–16A	2.5	C
3							1	5400.0	5400.0	1.00	24.55	2P–32A	6	AB
4							1	5400.0	5400.0	1.00	24.55	2P–32A	6	AB
5							1	5400.0	5400.0	1.00	24.55	2P–32A	6	AB
6							1	5400.0	5400.0	1.00	24.55	2P–32A	6	AB
7							1	5400.0	5400.0	1.00	24.55	2P–32A	6	BC
8							1	5400.0	5400.0	1.00	24.55	2P–32A	6	AB
9							1	5400.0	5400.0	1.00	24.55	2P–32A	6	BC
10							1	5400.0	5400.0	1.00	24.55	2P–32A	6	BC
11							1	5400.0	5400.0	1.00	24.55	2P–32A	6	CA
12							1	5400.0	5400.0	1.00	24.55	2P–32A	6	BC
13			4	3				1000.0	1000.0	1.00	7.87	1P–16A	2.5	C
14			8					800.0	800.0	1.00	6.30	1P–16A	4	A
15			6					600.0	600.0	1.00	4.72	1P–16A	2.5	A
16			9	2				1300.0	1300.0	1.00	10.24	1P–16A	4	B
17			9	1				1100.0	1100.0	1.00	8.66	1P–16A	2.5	B
18			7	1				900.0	900.0	1.00	7.09	1P–16A	2.5	B
19			10					1000.0	1000.0	1.00	7.87	1P–16A	2.5	A
20			7					700.0	700.0	1.00	5.51	1P–16A	2.5	C
21			3	2				700.0	700.0	1.00	5.51	1P–16A	2.5	B
22			8	1				800.0	800.0	1.00	6.30	1P–16A	2.5	C
23			5					500.0	500.0	1.00	3.94	1P–16A	2.5	B
24			5					500.0	500.0	1.00	2.27	2P–16A	2.5	CA
25			1	4				900.0	900.0	1.00	7.09	1P–16A	2.5	C
26					1	1		1300.0	1300.0	1.00	10.24	1P–16A	4	B
27							1	5400.0	5400.0	1.00	24.55	2P–32A	6	CA
28							1	5400.0	5400.0	1.00	24.55	2P–32A	6	CA
29							1	5400.0	5400.0	1.00	24.55	2P–32A	6	CA
30							1	5400.0	5400.0	1.00	24.55	2P–32A	6	CA
Total	2	40	80	14	1	1	14	88700.0	89662.1					
Aliment.	C=46m	QT=2%						100083.0	101168.6	0.99	133.10	3P–175A	70	ABC

Potência Demandada: 50% (50041.5 W) (50547.0 V.A)

Corrente nas Fases: A=266.7A B=266.6A C=265.4A



QDT–DR–C

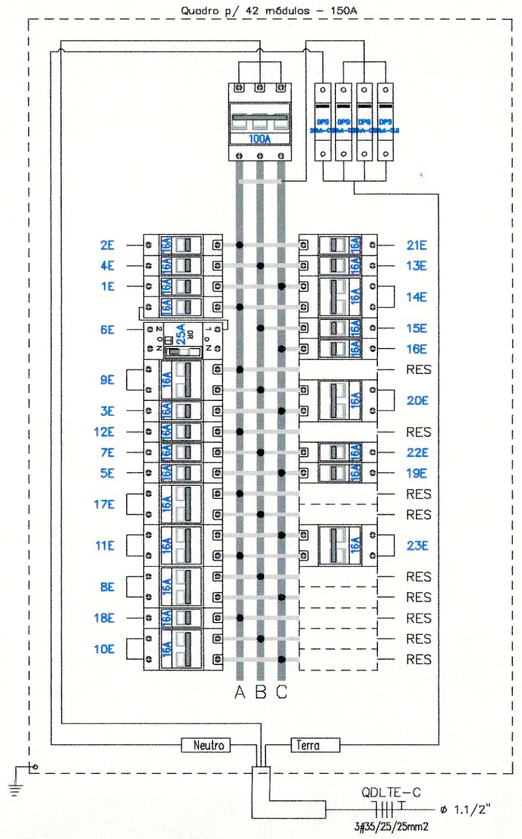


QDLTE–C

Circ.	Iluminação	Tomadas				EME	Pot.	Pot.	Fat.	Corr.	Prot.	Cond.	Fases
	24W	100W	200W	1250W		11W	W	V.A	Pot.	A	A	mm2	ABC
1E						39	429.0	536.3	0.80	4.22	1P–16A	2.5	C
2E	18						432.0	864.0	0.50	6.80	1P–16A	2.5	A
3E	15						360.0	720.0	0.50	5.67	1P–16A	2.5	C
4E	8						192.0	384.0	0.50	3.02	1P–16A	2.5	B
5E	17						408.0	816.0	0.50	6.43	1P–16A	2.5	C
6E		2	2				800.0	800.0	1.00	4.72	1P–16A	2.5	A
7E			4				800.0	800.0	1.00	6.30	1P–16A	2.5	B
8E				1			1250.0	1250.0	1.00	5.68	2P–16A	2.5	BC
9E				1			1250.0	1250.0	1.00	5.68	2P–16A	2.5	AB
10E				1			1250.0	1250.0	1.00	5.68	2P–16A	2.5	BC
11E				1			1250.0	1250.0	1.00	5.68	2P–16A	2.5	CA
12E		12					1200.0	1200.0	1.00	9.45	1P–16A	4	A
13E		12					1200.0	1200.0	1.00	9.45	1P–16A	4	B
14E		8					800.0	800.0	1.00	3.64	2P–16A	2.5	CA
15E		14					1400.0	1400.0	1.00	11.02	1P–16A	4	B
16E		13					1300.0	1300.0	1.00	10.24	1P–16A	4	C
17E		9					900.0	900.0	1.00	4.09	2P–16A	2.5	AB
18E		12					1200.0	1200.0	1.00	9.45	1P–16A	4	A
19E		12					1200.0	1200.0	1.00	9.45	1P–16A	4	C
20E		8					800.0	800.0	1.00	3.64	2P–16A	2.5	BC
21E		14					1400.0	1400.0	1.00	11.02	1P–16A	4	A
22E		13					1300.0	1300.0	1.00	10.24	1P–16A	4	B
23E		9					900.0	900.0	1.00	4.09	2P–16A	2.5	CA
Total	58	138	6	4		39	21821.0	23320.3					
Aliment.	C=46m	QT=2%					22976.5	24555.1	0.94	64.60	3P–100A	35	ABC

Potência Demandada: 100% (22976.5 W) (24555.1 V.A)

Corrente nas Fases: A=64.6A B=64.8A C=64.4A

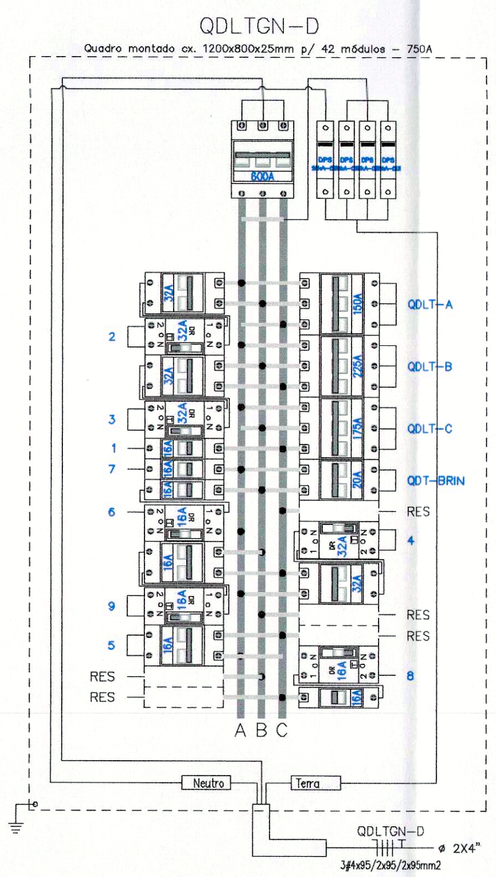


QDLTGN–D

Circ.	Iluminação		Tomadas				Chuveiro	Qd.Distr.				Pot.	Pot.	Fat.	Corr.	Prot.	Cond.	Fases
	24W		100W	200W	1000W	1200W	5400W	2857.88W	5663.1W	9169.3W	10008.3W	W	V.A	Pot.	A	A	mm2	ABC
1	19											456.0	912.0	0.50	7.18	1P–16A	2.5	C
2							1					5400.0	5400.0	1.00	24.55	2P–32A	6	AB
3							1					5400.0	5400.0	1.00	24.55	2P–32A	6	BC
4							1					5400.0	5400.0	1.00	24.55	2P–32A	6	CA
5			1									100.0	100.0	1.00	0.45	2P–16A	2.5	CA
6			8									800.0	800.0	1.00	6.30	1P–16A	2.5	B
7			6	1								800.0	800.0	1.00	6.30	1P–16A	2.5	A
8			1		1							1100.0	1100.0	1.00	8.66	1P–16A	4	C
9						1						1200.0	1200.0	1.00	5.46	2P–16A	2.5	BC
QDLT–A									1			5556.3	56799.1	0.98	104.63	3P–150	50	ABC
QDLT–B											1	91691.3	92617.5	0.99	170.61	3P–225	95	ABC
QDLT–C											1	10008.3	10193.9	0.99	133.02	3P–175	70	ABC
QDT–BRIN								1				2857.9	2857.9	1.00	12.99	2P–20	6	AB
Total	19		16	1	1	1	3	1	1	1	1	27099.3	27448.4					
Aliment.	C=144m		QT=3.5%									17474.3	18218.6	0.99	412.30	3P–600A	4x95	ABC

Potência Demandada: 86% (154576.7 W) (156680.5 V.A)

Corrente nas Fases: A=477.1A B=482.1A C=479.1A

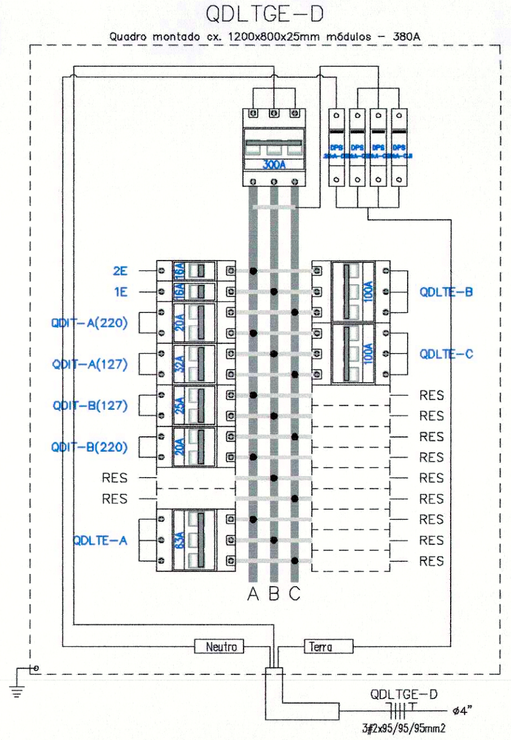


QDLTGE–D

Circ.	Iluminação	Qd.Distr.							EME	Pot.	Pot.	Fat.	Corr.	Prot.	Cond.	Fases
	24W	2000W	2900W	4000W	5100W	17570.3W	22976.45W	31052.6W	11W	W	V.A	Pot.	A	A	mm2	ABC
1E									13	143.0	178.8	0.80	1.41	1P–16A	2.5	B
2E	5									144.0	288.0	0.50	2.27	1P–16A	2.5	A
QDT–A(127)					1					5100.0	5100.0	1.00	23.18	2P–32	16	BC
QDT–A(220)			1							2900.0	2900.0	1.00	13.18	2P–20	6	CA
QDT–B(127)				1						4000.0	4000.0	1.00	18.18	2P–25	10	AB
QDT–B(220)		1								2000.0	2000.0	1.00	9.09	2P–20	6	CA
QDLTE–A						1				17570.3	18840.1	0.93	49.58	3P–63	25	ABC
QDLTE–B								1		30152.6	31553.5	0.96	74.73	3P–100	35	ABC
QDLTE–C							1			22976.5	24555.1	0.94	64.62	3P–100	35	ABC
Total	5	1	1	1	1	1	1	1	13	84988.4	89415.4					
Aliment.	C=145m	QT=3.5%								83987.7	88382.2	0.95	207.00	3P–300A	2x95	ABC

Potência Total (84986.4 W) (89415.4 V.A) Potência Demandada: 98.82% (74749.1 W) (78660.2 V.A)

Corrente nas Fases: A=231.7A B=231.7A C=234.4A

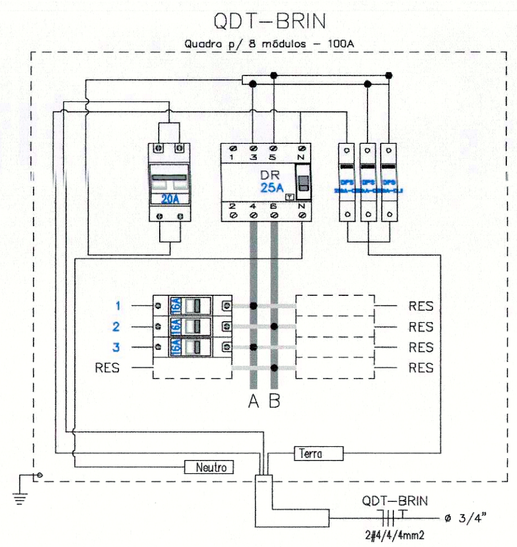


QDT–BRIN

Circ.	Tomadas		Pot.	Pot.	Fat.	Corr.	Prot.	Cond.	Fases
	100W	400W	W	V.A	Pot.	A	A	mm2	ABC
1	1	2	900.0	900.0	1.00	7.09	1P–16A	2.5	A
2		3	1200.0	1200.0	1.00	9.45	1P–16A	2.5	B
3		3	1200.0	1200.0	1.00	9.45	1P–16A	2.5	A
Total	1	8	3300.0	3300.0					
Aliment.	C=16m	QT=0.7%	2857.9	2857.9	1.00	13.00	2P–20A	6	AB

Potência Demandada: 100% (2857.9 W) (2857.9 V.A)

Corrente nas Fases: A=16.5A B=9.4A



PROJETO & EXECUÇÃO

PADRÃO

COR	PEN	#
1	7	0,100
2	7	0,200
3	7	0,25
4	4	0,280
5	5	0,280
6	6	0,280
7	7	0,250
8	8	0,150
9	9	0,150
80	80	0,350
150	150	0,150
240	240	0,150
252	252	0,100
253	253	0,100
254	254	0,100
255	255	0,100

Obra

PEDIATRIA SANTA CASA

Local R. EDUARDO SANTOS PEREIRA, 88 – CENTRO, CAMPO GRANDE

PROJETO ELÉTRICO

Título

QUADROS SETORES - C e D

25/25

Empresa responsável pelo projeto

PROLUX ENGENHARIA LTDA

Dados da Empresa

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Autor do projeto

Eng°. Elet°. Jurací Costa Correia
CREA–MS 1377/D

Proprietário

ASSOCIAÇÃO BENEFICENTE DE CAMPO GRANDE SANTA CASA
CNPJ: 03.276.524/0001–06

Escala	Área	N° Art	N° Projeto	Desenho	Data
1: 50	2.258,98 m²	XXXX	1382 – 18	JOÃO	JUNHO –2018