

Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kVA)
Condicionador de ar tipo janela (Não residencial)	1.78	85.00	1.51
Iluminação e TUG's (Restaurantes e bares)	8.15	60.00	4.89
TOTAL			6.40

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Iluminação (W)	Tomadas (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	It'	Ip	Seção (mm²)	Ic	Icc	Diss	dV par
5.1	TUE - RENOVACAO DE AR	3F+N+T	C	380/220 V			1222	1100	R+S+T	367	367	100	0.70	2.6	1.8	2.5	30.0	3	16	0.08
5.2	TUE - RENOVACAO DE AR	3F+N+T	C	380/220 V			566	500	R+S+T	167	167	100	0.70	1.2	0.8	2.5	30.0	3	16	0.02
5.3	TUG - PC RECEPCAO	F+N+T	C	220 V		4	1778	1600	R	1600		100	0.70	11.5	8.1	2.5	33.0	3	20	2.79
5.4	TUG - HALL	F+N+T	B1	220 V		12	2867	2400	S		2400	100	0.70	17.3	12.1	2.5	31.0	3	20	1.93
5.5	TUG - SANITARIOS	F+N+T	B1	220 V		12	1417	1200	T		1200	100	0.70	9.2	6.4	2.5	31.0	3	20	0.31
5.6	ILUM. EMERGENCIA	F+N+T	B1	220 V		12	108	108	R	108		100	0.70	0.7	0.5	2.5	31.0	3	16	0.03
5.7	ILUM. RECEPCAO / HALL E SANIT.	F+N+T	B1	220 V		8	1448	1448	S		1448	100	0.70	8.8	6.6	1.5	23.0	3	16	1.75
5.8	ILUM. - EXTERNA	F+N+T	C	220 V		81	729	729	T		729	100	0.70	4.7	3.3	2.5	33.0	3	16	2.23
TOTAL						89	23	38	12	28	6	4	1	1	9923	9085	R+S+T	2241	4381	2462

Tipo de carga	Potência instalada (kVA)	Fator de demanda (%)	Demanda (kVA)
Condicionador de ar tipo janela (Não residencial)	44.13	85.00	37.51
TOTAL			37.51

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Tomadas (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	It'	Ip	Seção (mm²)	Ic	Icc	Diss	dV par
AC2.1	CLIMAT	F+N+T	D	220 V	1	5516	5240	R	5240		100	0.70	35.8	25.1	6	56.0	3	32	1.25
AC2.2	CLIMAT	F+N+T	D	220 V	1	5516	5240	S		5240	100	0.70	35.8	25.1	6	56.0	3	32	1.15
AC2.3	CLIMAT	F+N+T	D	220 V	1	5516	5240	T		5240	100	0.70	35.8	25.1	6	56.0	3	32	1.06
AC2.4	CLIMAT	F+N+T	D	220 V	1	5516	5240	R	5240		100	0.70	35.8	25.1	6	56.0	3	32	0.96
AC2.5	CLIMAT	F+N+T	D	220 V	1	5516	5240	S		5240	100	0.70	35.8	25.1	6	56.0	3	32	0.87
AC2.6	CLIMAT	F+N+T	D	220 V	1	5516	5240	T		5240	100	0.70	35.8	25.1	6	56.0	3	32	0.77
AC2.7	CLIMAT	F+N+T	D	220 V	1	5516	5240	R	5240		100	0.70	35.8	25.1	6	56.0	3	32	0.68
AC2.8	CLIMAT	F+N+T	D	220 V	1	5516	5240	S		5240	100	0.70	35.8	25.1	6	56.0	3	32	0.59
TOTAL						8	44126	41920	R+S+T	15720	15720	10480							

Tipo de carga	Potência instalada (kVA)	Fator de demanda (%)	Demanda (kVA)
Condicionador de ar tipo janela (Não residencial)	51.99	85.00	44.19
TOTAL			44.19

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Tomadas (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	It'	Ip	Seção (mm²)	Ic	Icc	Diss	dV par
AC1.1	CLIMAT	F+N+T	D	220 V	1	5516	5240	R	5240		100	0.70	20.9	14.6	2.5	34.0	3	20	1.86
AC1.2	CLIMAT	F+N+T	D	220 V	1	3222	2900	S		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	1.62
AC1.3	CLIMAT	F+N+T	D	220 V	1	5516	5240	T		5240	100	0.70	35.8	25.1	6	56.0	3	32	1.13
AC1.4	CLIMAT	F+N+T	D	220 V	1	5516	5240	R	5240		100	0.70	35.8	25.1	6	56.0	3	32	1.03
AC1.5	CLIMAT	F+N+T	D	220 V	1	5516	5240	S		5240	100	0.70	35.8	25.1	6	56.0	3	32	0.93
AC1.6	CLIMAT	F+N+T	D	220 V	1	3222	2900	T		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	1.36
AC1.7	CLIMAT	F+N+T	D	220 V	1	3222	2900	R	2900		100	0.70	20.9	14.6	2.5	34.0	3	20	1.30
AC1.8	CLIMAT	F+N+T	D	220 V	1	3222	2900	S		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	1.14
AC1.9	CLIMAT	F+N+T	D	220 V	1	3222	2900	T		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	1.79
AC1.10	CLIMAT	F+N+T	D	220 V	1	3222	2900	R	2900		100	0.70	20.9	14.6	2.5	34.0	3	20	1.93
AC1.11	CLIMAT	F+N+T	D	220 V	1	3222	2900	S		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	2.09
AC1.12	CLIMAT	F+N+T	D	220 V	1	3222	2900	T		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	2.22
AC1.13	CLIMAT	F+N+T	D	220 V	1	3222	2900	R	2900		100	0.70	20.9	14.6	2.5	34.0	3	20	2.37
AC1.14	CLIMAT	F+N+T	D	220 V	1	3222	2900	S		2900	100	0.70	20.9	14.6	2.5	34.0	3	20	2.51
TOTAL						11	3	51992	47620	R+S+T	16840	16840	13940						

Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kW)
Chuveiros, fendas elétricas, aquecedores de água (Não residencial)	8.28	90.00	7.45
Iluminação e TUG's (Restaurantes e bares)	21.10	60.00	12.66
Uso Específico	38.46	90.00	34.61
TOTAL			54.72

Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Iluminação (W)	Tomadas (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	It'	Ip	Seção (mm²)	Ic	Icc	Diss	dV par
6.1	TUE - FORNO	3F+N+T	C	380/220 V			23750	19000	R+S+T	6333	6333	100	0.70	51.4	36.0	10	171.0	3	40	0.37
6.2	TUE - COIFA 3F	3F+N+T	C	380/220 V			1222	1100	R+S+T	367	367	100	0.70	2.6	1.9	2.5	30.0	3	16	0.08
6.3	TUE - COIFA 3F	3F+N+T	C	380/220 V			566	500	R+S+T	167	167	100	0.70	1.2	0.8	2.5	30.0	3	16	0.03
6.4	TUE - LAVA-LOUÇAS	3F+N+T	C	380/220 V			9778	8800	R+S+T	2933	2933	100	0.70	21.2	14.8	4	40.0	3	20	0.41
6.5	TUE - AQUECEDOR DE PASSAGEM	F+N+T	C	220 V		1	5500	5500	S	5500		100	0.70	35.7	25.0	6	56.0	3	40	0.78
6.6	TUE - RACK	F+N+T	C	220 V		1	1579	1500	T		1500	100	0.70	10.3	7.2	4	45.0	3	25	0.26
6.7	TUE - RACK CFTV	F+N+T	C	220 V		1	1579	1500	R	1500		100	0.70	10.3	7.2	4	45.0	3	25	0.33
6.8	TUG - COZINHA	F+N+T	C	220 V		3	3000	2700	S	2700		100	0.70	19.5	13.6	4	45.0	3	25	0.55
6.9	TUG - COZINHA	F+N+T	C	220 V		6	1333	1200	T		1200	100	0.70	8.7	6.1	4	45.0	3	25	0.20
6.10	TUG - ATENDIMENTO	F+N+T	C	220 V		8	4000	3600	R	3600		100	0.70	28.0	19.2	4	45.0	3	25	0.64
6.11	TUG - APOIO	F+N+T	C	220 V		4	2444	2200	S	2200		100	0.70	15.0	11.1	4	45.0	3	25	0.30
6.12	TUG - LAVAÇÃO	F+N+T	C	220 V		6	2000	1800	T		1800	100	0.70	13.0	9.1	2.5	33.0	3	20	0.68
6.13	ILUM. - COZINHA E APOIO	F+N+T	C	220 V		3	417	417	R	417		100	0.70	2.7	1.9	1.5	24.0	3	16	0.21
6.14	TUE - AQUECEDOR DE AGUA	F+N+T	C	220 V		1	2778	2500	S	2500		100	0.70	18.0	12.6	4	45.0	3	25	0.89
6.15	TUG - SALAO 1	F+N+T	C	220 V		12	2444	2200	T		2200	100	0.70	15.0	11.1	2.5	33.0	3	20	1.39
6.16	TUG - SALAO 2 E LAREIRA	F+N+T	C	220 V		1	4000	3600	R	3600		100	0.70	28.0	19.2	2.5	33.0	3	20	3.50
6.17	ILUM. - SALAO 1, SALAO 2 E LAREIRA	F+N+T	C	220 V		47	1175	1175	S	1175		100	0.70	7.6	5.3	2.5	33.0	3	16	0.84
6.18	ILUM. EMERGENCIA	F+N+T	C	220 V		7	283	283	T		283	100	0.70	1.8	1.3	2.5	33.0	3	16	0.13
TOTAL						50	6	7	49	2	11	6	1	1	1	1	1	1	1	1

Tipo de carga	Potência instalada (kW)	Fator de demanda (%)	Demanda (kW)
Condicionador de ar tipo janela (Não residencial)	51.46	85.00	43.74
TOTAL			43.74

Quadro de Cargas (QD.AC.3) - Térmico																			
Circuito	Descrição	Esquema	Método de inst.	Tensão (V)	Tomadas (W)	Pot. total (W)	Fases	Pot. - R (W)	Pot. - S (W)	Pot. - T (W)	FCT	FCA	It'	Ip	Seção (mm²)	Ic	Icc	Diss	dV par (%)
AC3.1	TUE - CLIMAT 3F - EXG-03	3F+N+T	B1	380/220 V	1	4167 3000	R+S+T	1000	1000	1000	1.00	0.80	7.9	6.3	2.5	28.0	3	16	0.20
AC3.2	TUE - CLIMAT 3F - EXG-03	3F+N+T	B1	380/220 V	1	4167 3000	R+S+T	1000	1000	1000	1.00	0.80	7.9	6.3	2.5	28.0	3	16	0.68
AC3.3	TUE - CLIMAT 3F - EXG-03	3F+N+T	B1	380/220 V	1	4167 3000	R+S+T	1000	1000	1000	1.00	0.80	7.9	6.3	2.5	28.0	3	16	0.60
AC3.4	TUE - CLIMAT 3F - GV-01	3F+N+T	B1	380/220 V	1	3056 2200	R+S+T	733	733	733	1.00	0.80	5.8	4.6	2.5	28.0	3	16	0.57
AC3.5	TUE - CLIMAT 3F - GV-01	3F+N+T	B1	380/220 V	1	3056 2200	R+S+T	733	733	733	1.00	0.80	5.8	4.6	2.5	28.0	3	16	0.62
AC3.6	TUE - CLIMAT 3F - EXG-02	3F+N+T	B1	380/220 V	1	3056 2200	R+S+T	733	733	733	1.00	0.80	5.8	4.6	2.5	28.0	3	16	0.16
AC3.7	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	R	5240		100	0.80	31.3	25.1	6	54.0	3	32	0.64	
AC3.8	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	T		5240	100	0.80	31.3	25.1	6	54.0	3	32	0.75	
AC3.9	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	S		5240	100	0.80	31.3	25.1	6	54.0	3	32	0.88	
AC3.10	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	R	5240											
AC3.11	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	S		5240		1.00	0.80	31.3	25.1	6	54.0	3	32	1.14
AC3.12	TUE - CLIMAT	F+N+T	B1	220 V	1	5516 5240	T			100	0.80	31.3	25.1	6	54.0	3	32	0.99	
TOTAL			3	3	5	51457 43790	R+S+T	15680	15680	12540									