

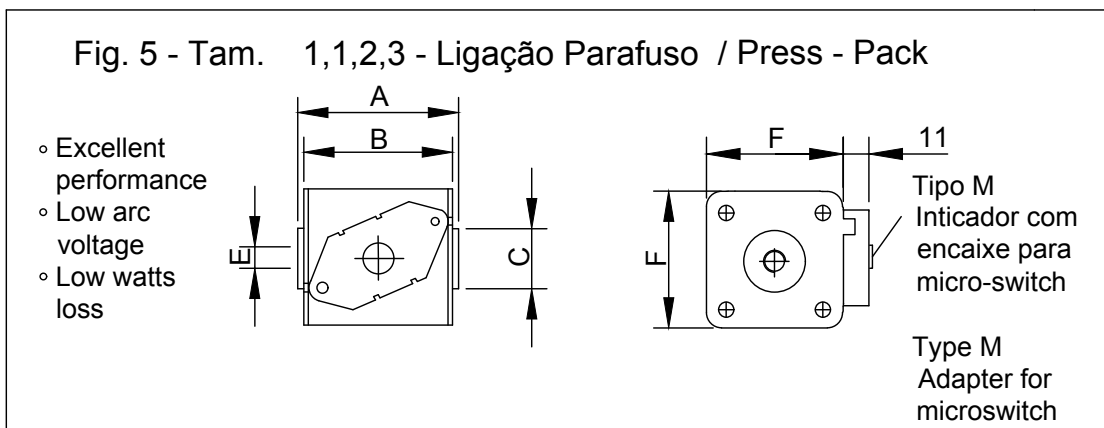
Ultra-Rápido 690V / 800V

Ligação Parafuso conf. IEC 269.1 e 4

Semiconductor Fuses 690V / 800V

Press - pack in accord. to IEC 269.1 and 4

End contact type, single hole Body size 1,2,and 3



Dimensões / Dimensions

Tamh. / Size	A	B	C	E	F	TIPO / TYPE		
						Indicador Visual	Pino Indicador Tipo "P" para acionar Micro	Indicador Tipo "M" com encaixe para Micro
1	50	48	18	M8 (5/16")	45	F3978	-----	F4028
1	50	48	18	M8 (5/16")	55	F4978	-----	F5028
2	50	48	30	M10 (3/8")	60	F5978	-----	F6028
3	52	49	38	M12 (1/2")	72	F6978	-----	F7028

Características Eletricas / Electrical Characteristics

Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts
		pre-arco Pre-arc	Total Clearing				pre-arco Pre-arc	Total Clearing	
1	40	41	279	9.8	1	200	1640	12300	46
	50	81	580	11		250	2970	27000	56
	63	120	780	14		315	6100	44800	60
	80	184	1230	19		350	8430	51000	62
	100	360	2490	21		400	13600	98000	66
	125	543	3600	25		450	17070	135200	69
	160	1086	7350	31		500	24000	175300	73
	200	2210	14200	37		550	34600	237000	76
	250	4030	27100	40		630	52800	333000	78
	315	7080	46700	49		720	69900	423000	85
	350	10100	68000	56		800	102700	733000	98
	400	14700	102000	60					
	450	19800	129000	67					
	500	26000	172000	70					
550	33100	221000	76						
630	46800	319000	82						

Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts
		pre-arco Pre-arc	Total Clearing				pre-arco Pre-arc	Total Clearing	
2	400	11640	75100	64	3	500	13200	89000	100
	450	16000	107690	69		550	18500	132500	103
	500	22000	146600	76		630	29800	199000	106
	550	27600	185000	79		720	46000	310900	111
	630	39800	268000	92		800	65000	380000	116
	720	61000	308500	96		900	98000	419500	122
	800	83200	455000	103		1000	136000	485000	127
	900	119000	690000	112		1100	179000	880500	133
	1000	176900	590000	116		1250	265500	1396000	149
	1100	248000	1200000	122		1400	360000	1921000	158
	1250	348900	1690000	129		1500	460000	2990000	210
						1600	525000	3450000	243

Limitador de Corrente / Alta cap. de ruptura / Baixa perda
Elemento de prata. Current limiting / High interrupting rating
Low watts Loss / Silver element.

Ultra-Rápido 690V / 800V

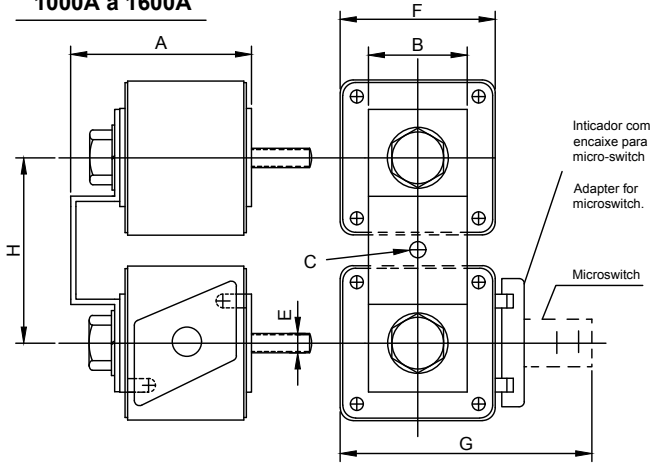
Standard Francês conf. IEC 269 -1/4

Semiconductor Fuses 690V / 800V

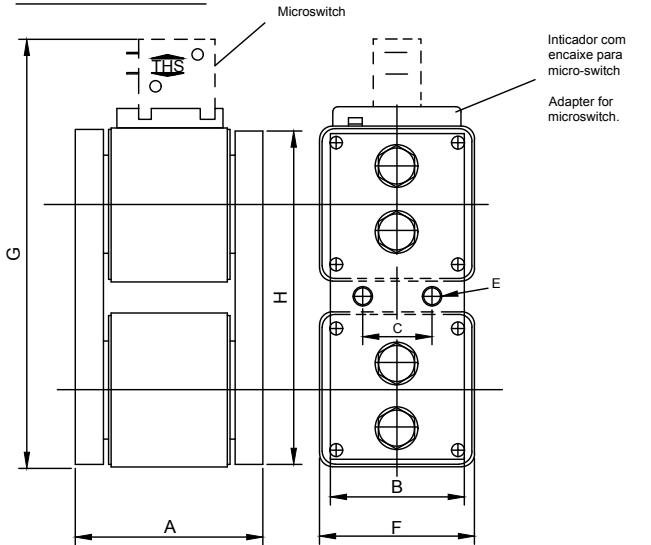
French Standard in accord. to IEC 269. 1/4

Two fuses in parallel connected with fish joint

1000A a 1600A



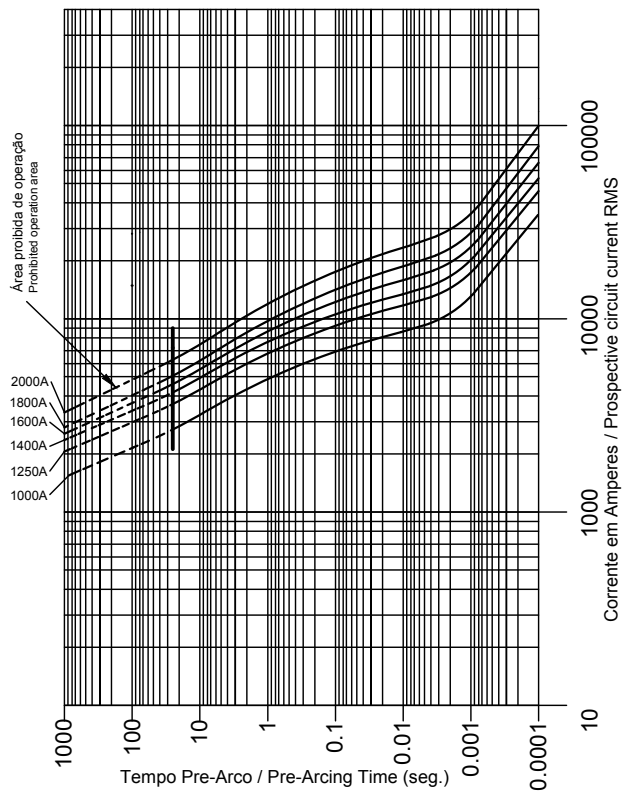
1600A a 2000A



Dimensões / Dimensions

Tamh. / Size	A	B	C	E	F	G	H	Nr. Ref.
2 x 2	67.5	35	11	M10	60	100	48	2F6028
2 x 3	65.5	51	13	M12	72	115	54	2F7028
2 x 2	91	35	11	M10	60	100	48	2F6158
2 x 3	91	51	13	M12	72	115	54	2F7108

Curva Tempo - Corrente / Time Current Curve



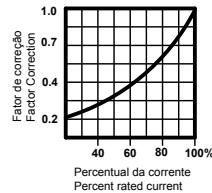
Dimensões / Dimensions

Tamh. / Size	A	B	C	E	F	G	H	Nr. Ref.
2 x 2	91.5	60	30	M10	60	188	141	2X2000A

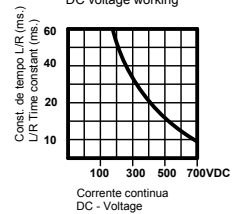
Características Eletricas / Electrical Characteristics

2 x 2/3	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts	2 x 2/3	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts
			pre-arco Pre-arc	Total Clearing					pre-arco Pre-arc	Total Clearing	
	1000	110000	553000	162		1600	440000	2331000	220		
	1250	203300	1063000	183		1800	643000	3430000	228		
	1400	311980	1623880	213		2000	973000	5320000	234		

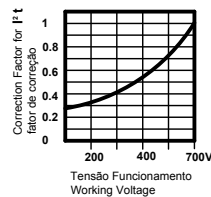
Curva de correção de perda
Watt loss correction curve



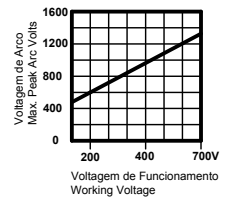
Fusível AC em DC
DC voltage working



Curva de correção I²t
I²t Correction



Voltagem de arco max.
Max. arc voltage



Ultra-Rápido 1000V / 1300V

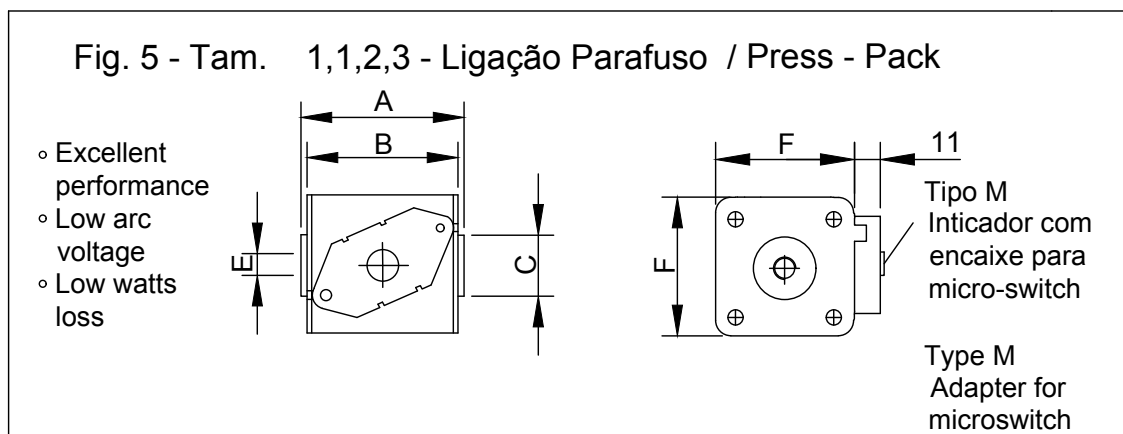


Ligação Parafuso conf. IEC 269. 1 e 4

Semiconductor Fuses 1000V / 1300V

Press - Pack in according to IEC 269. 1 and 4

End contact type, single hole Body size 1,2,and 3



Dimensões / Dimensions

Tamh. Size	A	B	C	E	F	TIPO / TYPE
						Indicador Tipo M com encaixe para Micro
1	75	72	25	M8 or 5/16"	45	F3958
1	80	73	25		55	F4008
2	75	73	31	M10 or 5/16"	60	F6158
3	76	73	38	M12 or 1/2"	72	F6908
3	83	73	38	M12	72	F7108

Tamh. Size	A	B	C	E	F	TIPO / TYPE
						Indicador Tipo M com encaixe para Micro
3	91	73	38	M12 or 1/2"	72	F7158
1	75	72	25	M8 or 5/16"	55	F4958
1	80	72	25	M8	55	F5008
2	81	72	31	M10	60	F5758
2	91	72	31	M10 or 3/8"	72	F6008

Características Elétricas / Electrical Characteristics

Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts
		pre-arco Pre-arc	Total Clearing				pre-arco Pre-arc	Total Clearing	
1	40	44	275	10	1	200	4590	25000	57
	50	130	1050	15		250	7580	45050	66
	63	220	1703	19		315	14100	80800	70
	80	410	3194	25		350	21430	121000	75
	100	699	5933	30		400	34600	20300	78
	125	1139	8300	37		450	44000	250000	80
	160	2033	14000	44		500	65430	339000	88
	200	4590	25000	49		550	82000	428000	94
	250	7580	45050	59		630	125500	670000	98
	315	14100	80800	62					
350	21430	121000	67						

Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts	Tam. Size	Corrente Current	I ² t (A ² s.)		Watt / Watts
		pre-arco Pre-arc	Total Clearing				pre-arco Pre-arc	Total Clearing	
2	250	7900	45000	70	3	500	42000	230000	112
	315	13000	77600	73		550	55600	319000	120
	350	20300	110000	76		630	82100	456000	126
	400	29800	168000	80		720	114000	645000	132
	450	42068	239300	88		800	195000	1080000	138
	500	48000	300000	97		900	235500	1300000	150
	550	70030	350000	107		1000	350000	1910000	155
	630	112000	538000	112		1100	443000	2400000	170
	720	140800	710000	118		1250	544000	3223000	195
	800	224000	1178000	130		1400	780000	3988000	210
				1500	999000	4500000	216		
				1600	1400000	5600000	233		

- Limitador de Corrente
- Alta cap. de ruptura
- Baixa perda
- Elemento de prata
- Current limiting
- High interrupting rating
- Low watts loss
- Silver element

Ultra-Rápido 1000V / 1250V

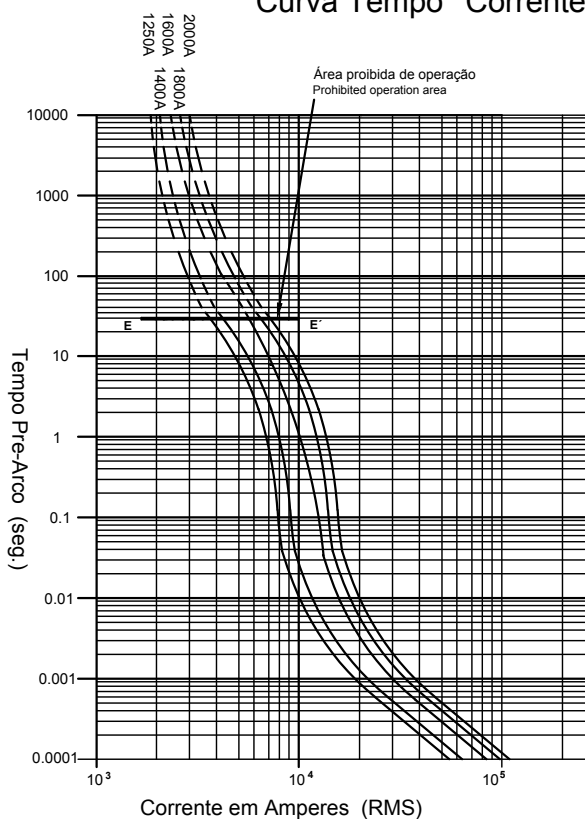


Standard Francês conf. IEC 269 -1/4

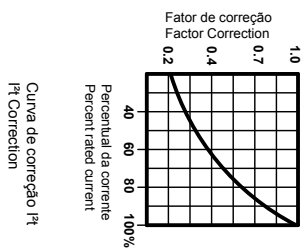
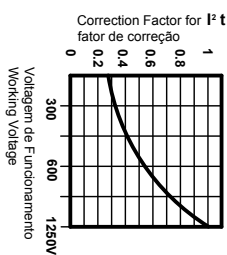
Semiconductor Fuses 1000V / 1250V

French Standard in accord. to IEC 269. 1/4

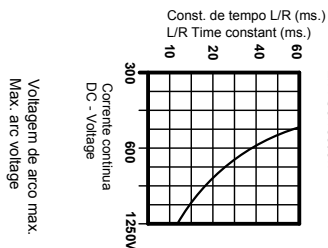
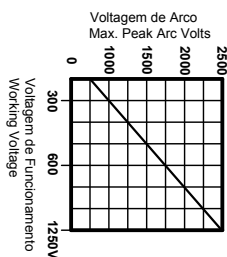
Curva Tempo Corrente



Curvas Técnicas para Fusível

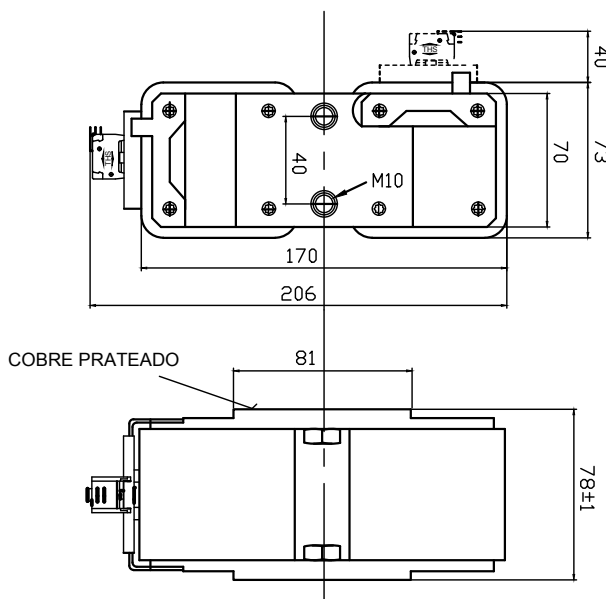


Curva de correção de perda
Watt loss correction curve



Curva de correção L/R
L/R Correction

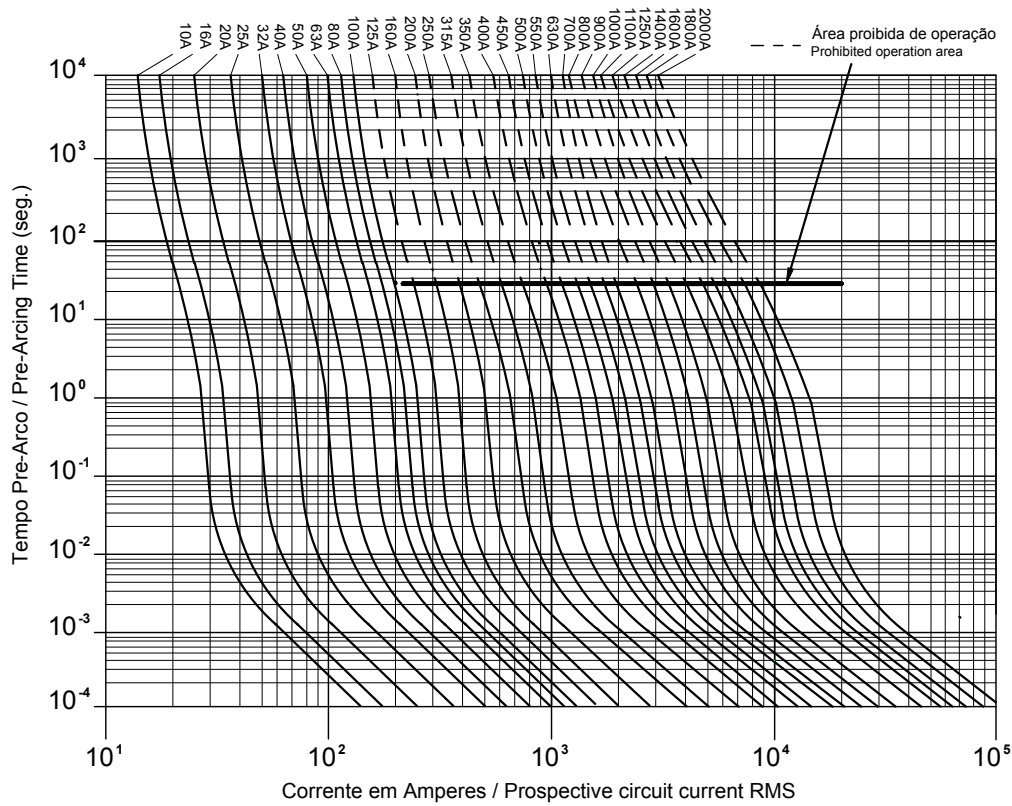
1512373		Nr. Ref.	Características Elétricas / Electrical Characteristics	
2 x 3		Tam. Size		
1250	1400	Corrente Current		
360300	422980	pre-arco Pre-arc	$I^2 t (A^2 s.)$	
1846000	2123880	Total Clearing		
228	241	Watt / Watts		
1512374		Nr. Ref.		
2 x 3		Tam. Size		
1600	2000	Corrente Current		
537480	1120000	pre-arco Pre-arc	$I^2 t (A^2 s.)$	
3224884	6450000	Total Clearing		
250	275	Watt / Watts		



Limitador de Corrente / Alta cap. de ruptura / Baixa perda
Elemento de prata. Current limiting / High interrupting rating
Low watts Loss / Silver element.

Dados para Fusíveis Tam. 000,00,1,2,3,4,5, aR, 690 / 800V

Curva Tempo - Corrente / Time Current

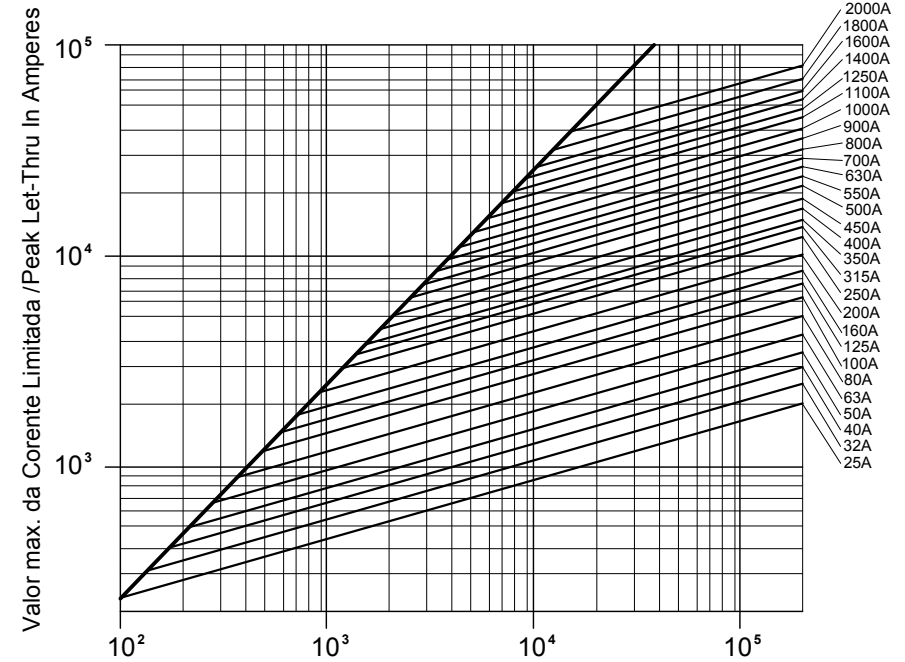


NH fuse-links, siz 000 - 5, aR, 690 / 800V



Curva Limitação de Corrente

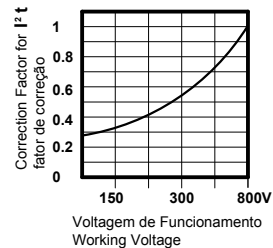
Peak Let-Through Curves



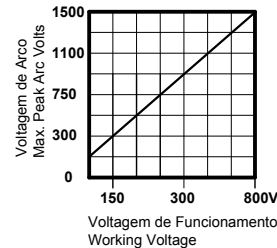
Corente Presumida em Amperes R.M.S.

Available Fault Current Symmetrical R.M.S. Amperes

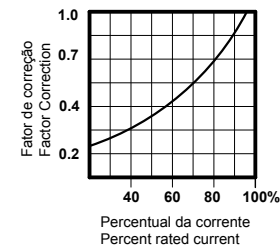
Curva de correção I²t
I²t Correction



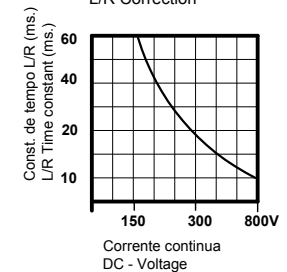
Vttagem de arco max.
Max. arc voltage



Curva de correção de perda
Watt loss correction curve



Curva de correção L/R
L/R Correction

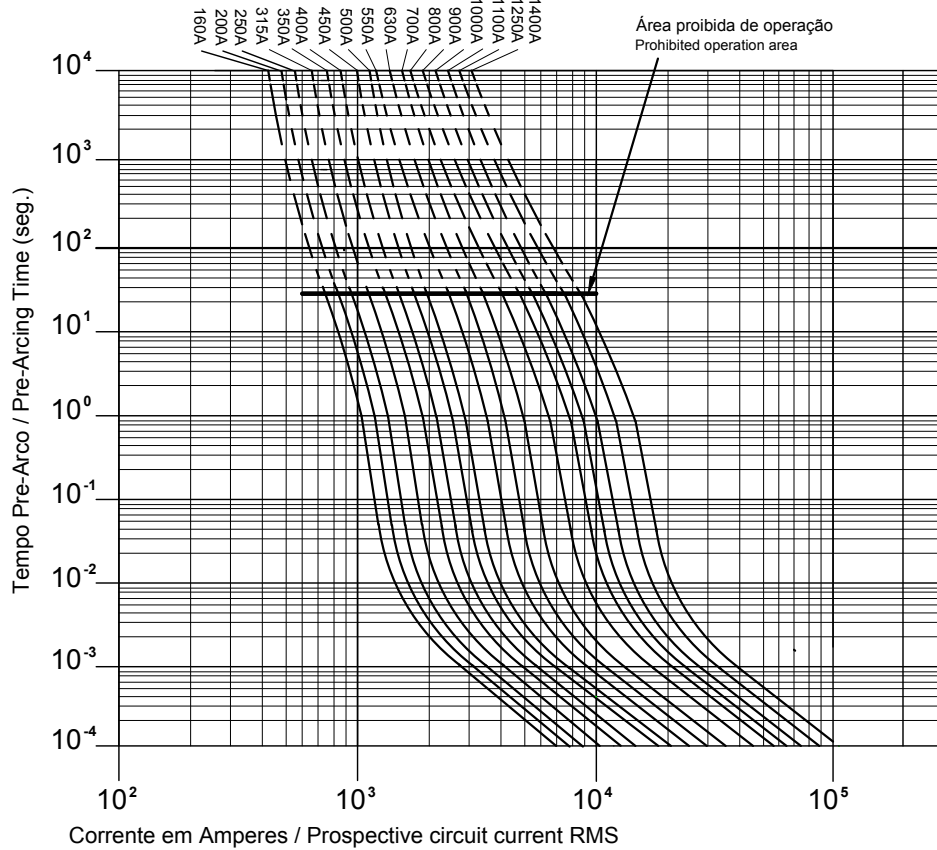


Dados Técnicos para Fusíveis Tam. 1,2,3. 1000 / 1300V

Technical data for Fuses Size. 1,2,3. 1000 / 1300V



Curva Tempo - Corrente para fusível 3 / Time Current Curve for Fuses 3



Curva Limitação de Corrente para Fusível 3

Peak Let-Through Curves for Fuses Size: 3

