

# Ultra-Rápido 690V / 800V

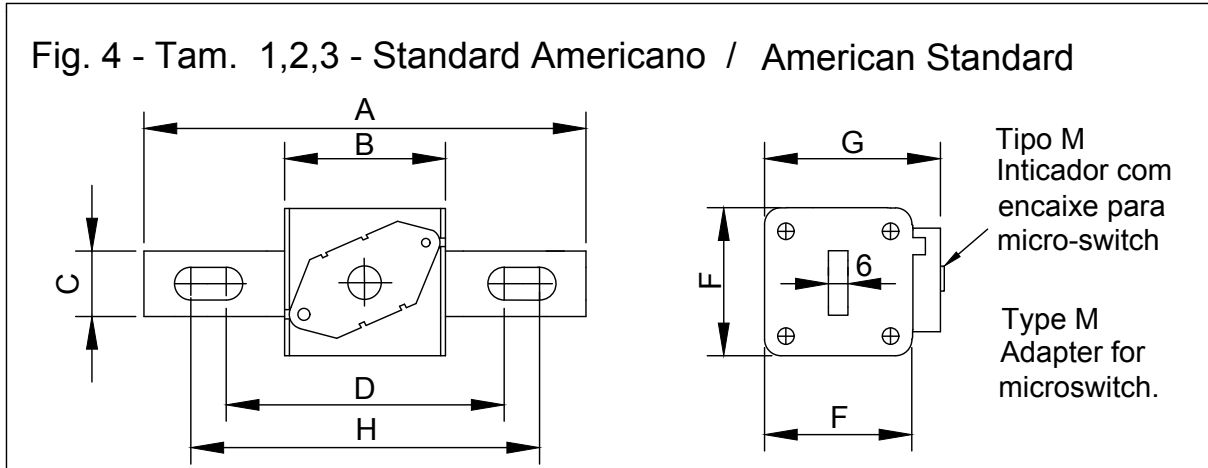


Standard Americano conf. BS 88

# Semicondutor Fuses 690V / 800V

American Standard in accord. to BS 88

American blade type Short or long blade Body size 1,1,2 and 3



### Dimensões / Dimensions

Tamh. / Size	A	B	C	D	E	F	H	TIPO / TYPE		
								Sem Indicador	-----	Indicador Tipo "M" com encaixe para Micro
1	110	48	20	72	11	45	85	F4178	-----	F4228
1	135	48	25	78	14	55	105	F5178	-----	F5228
2	134	48	25	77	14	60	106	F6178	-----	F6228
3	134	49	35	78	16	72	108	F7178	-----	F7228

### Características Elétricas / Electrical Characteristics

Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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 <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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	445000	116
	720	61000	408500	96		900	98000	654500	122
	800	83200	555000	103		1000	136000	890000	127
	900	119000	690000	112		1100	179000	1210500	133
	1000	176900	1200000	116		1250	265500	1796000	149
	1100	248000	1690000	122		1400	360000	2221000	158
	1250	348900	1980000	129		1500	460000	3100000	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

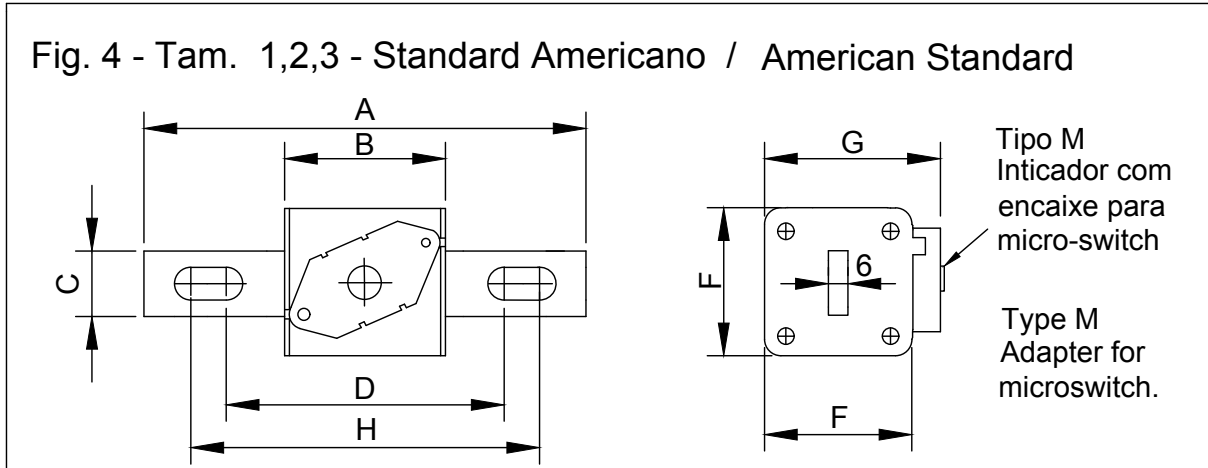


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# Semicondutor Fuses 690V / 800V

American Standard in accord. to BS 88

American blade type Short or long blade Body size 1,1,2 and 3



### Dimensões / Dimensions

Tamh. / Size	A	B	C	D	E	F	H	TIPO / TYPE		
								Sem Indicador	-----	Indicador Tipo M com encaixe para Micro
1	148	48	20	110	11	45	85	F4278	-----	F4328
1	157	48	25	99	14	55	105	F5278	-----	F5328
2	159	48	25	99	14	60	106	F6278	-----	F6328
3	155	49	35	97	16	72	108	F7278	-----	F7328

### Características Elétricas / Electrical Characteristics

Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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 <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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	445000	116
	720	61000	408500	96		900	98000	654500	122
	800	83200	555000	103		1000	136000	890000	127
	900	119000	690000	112		1100	179000	1210500	133
	1000	176900	1200000	116		1250	265500	1796000	149
	1100	248000	1690000	122		1400	360000	2221000	158
	1250	348900	1980000	129		1500	460000	3100000	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 1000V / 1300V

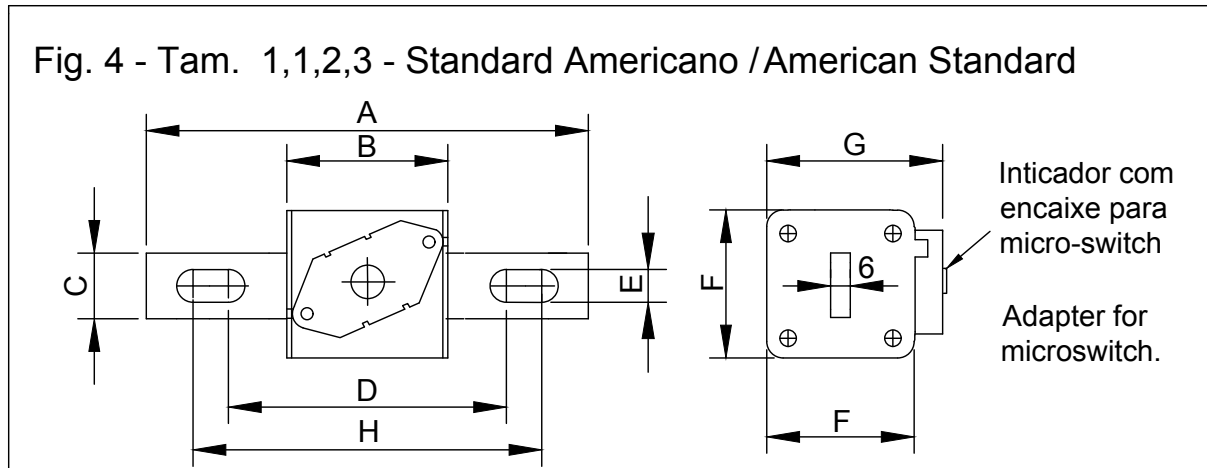
Standard Americano conf. BS 88



# Semiconductor Fuses 1000V / 1300V

American Standard in accord. to BS 88

American blade type Short or blade Body size 1,1,2 and 3



### Dimensões / Dimensions

Tamh. / Size	A	B	C	D	E	F	H	TIPO / TYPE		
								Indicador Visual	-----	Indicador Tipo M com encaixe para Micro
1	155	75	20	100	11	45	131	F4258	-----	F4308
1	159	75	25	102	14	55	127	F5258	-----	F5308
2	160	75	25	102	14	60	127	F6258	-----	F6308
3	160	75	35	102	16	72	128	F7258	-----	F7308

### Características Elétricas / Electrical Characteristics

Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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 <sup>2</sup> t (A <sup>2</sup> s.)		Watt / Watts	Tam. Size	Corrente Current	I <sup>2</sup> t (A <sup>2</sup> 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

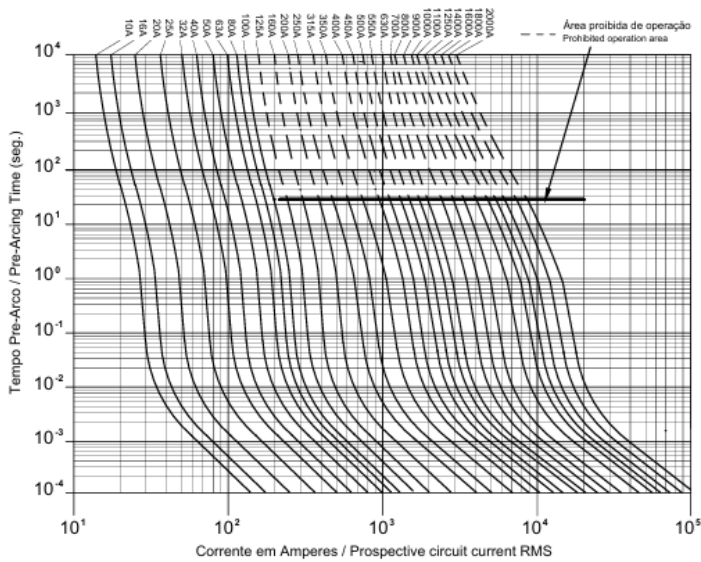
- Current limiting
- High interrupting rating
- Low watts loss
- Silver element

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

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

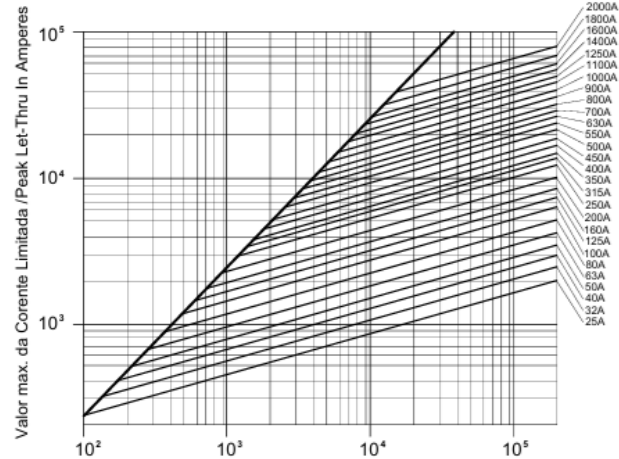


Curva Tempo - Corrente / Time Current

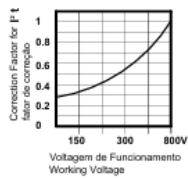


Curva Limitação de Corrente

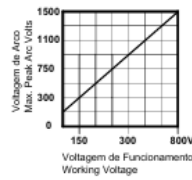
Peak Let-Through Curves



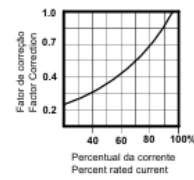
Curva de correção Pt  
Pt Correction



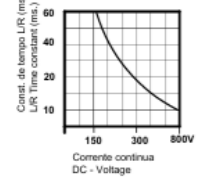
Voltagem de arco max.  
Max. arc voltage



Curva de correção de perda  
Watt loss correction curve



Curva de correção L/R  
L/R Correction

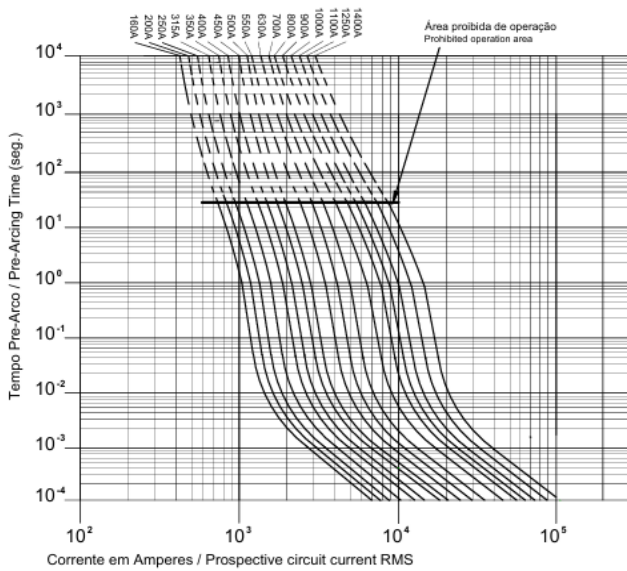


# Dados Técnicos para Fusíveis Tam. 1,2,3. 1000 / 1300V

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

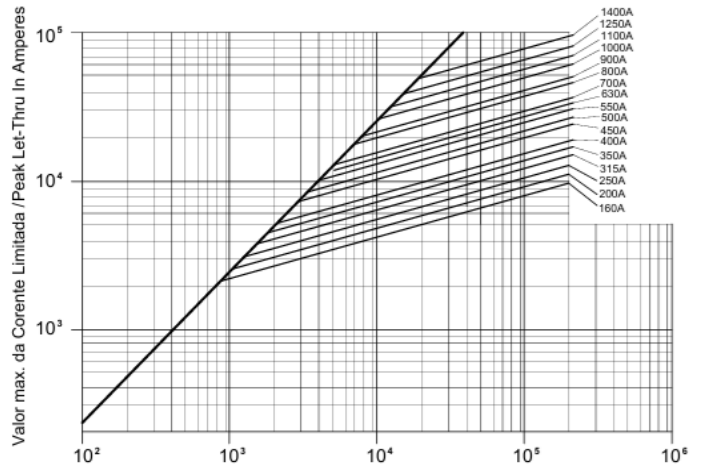


Curva Tempo - Corrente para fusível 3 / Time Current Curve for Fuses 3

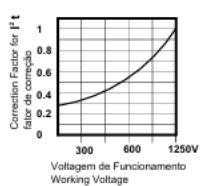


Curva Limitação de Corrente para Fusível 3

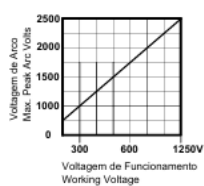
Peak Let-Through Curves for Fuses Size: 3



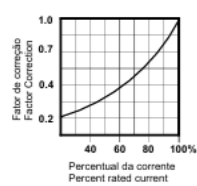
Curva de correção Pt  
Pt Correction



Voltagem de arco max.  
Max. arc voltage



Curva de correção de perda  
Watt loss correction curve



Curva de correção L/R  
L/R Correction

