



PSC SERIES 500 TO 700 VAC / 63 TO 2500A

PSC 500 TO 700VAC US STANDARD

SIZE	AMPERE RATING (A)	VOLTAGE RATING Un (VAC)	PREARcing IZT @ 1ms (10E3 A2S)	TOTAL IZT @ Un (10E3 A2S)	WATT LOSSES Pn (W) AT RATED CURRENT		INTERRUPTING RATING
					END CONTACT FIG. 1	BLADE FIG. 2	
30	63	700	0.20	1.18	14	14	200KA / 700VAC
	80	700	0.33	1.89	19	19	
	100	700	0.47	2.7	26	26	
	125	700	0.85	4.86	30	30	
	160	700	1.60	9.2	37	37	
	200	700	3	16.7	42	43	
	250	700	5.8	32.4	48	50	
	315	700	12	67	53	55	
	350	700	15.5	86	57	60	
	400	700	23	130	60	65	
31	450	700	26	165	80	88	170KA / 700VAC
	500	700	41	264	80	88	
	550	700	52	330	80	90	
	200	700	2.6	14.6	45	45	200KA / 700VAC
	250	700	4.7	27	52	52	
	315	700	7.5	43	65	65	
	350	700	10.5	59	67	67	
	400	700	19	108	68	68	
	450	700	26.5	151	70	70	
	500	700	37	211	70	72	
32	550	700	52	302	70	75	170KA / 700VAC
	630	700	75	421	75	85	
	700	700	95	529	85	95	
	800	700	140	880	105	120	
	400	700	15	86	72	75	200KA / 700VAC
	450	700	22	124	77	80	
	500	700	28	157	85	90	
	550	700	37	211	90	95	
	630	700	54	302	95	105	
	700	700	76	432	100	110	
33	800	700	115	648	110	120	150KA / 600VAC
	900	700	170	972	110	125	
	1000	700	240	1350	115	135	
	1100	650	270	1620	140	165	
	1250	600	410	2100	150	180	
	1400	550	555	2600	160	190	
	1600	550	870	4000	165	195	
	1800	500	1050	4400	195	330	
	500	700	19	108	105	105	200KA / 700VAC
	550	700	27	151	105	110	
34	630	700	40	227	110	120	150KA / 600VAC
	700	700	55	324	115	125	
	800	700	95	529	120	130	
	900	700	135	756	120	135	
	1000	700	170	972	135	155	
	1100	700	240	1361	135	160	
	1250	700	350	2000	150	180	
	1400	700	480	2700	160	200	
	1500	600	500	2550	N/A	220	150KA / 600VAC
	1600	600	555	2900	N/A	240	
35	1600	650	555	3250	210	240	160KA / 650VAC
	1800	650	720	4330	225	260	
	1800	550	720	3480	N/A	260	
	2000	600	950	5000	250	290	
	2000	500	950	4050	N/A	290	
	2250	550	1250	5900	280	330	
	2500	500	1870	7600	280	330	

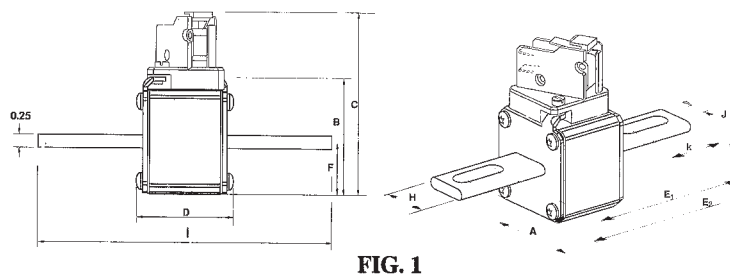


FIG. 1

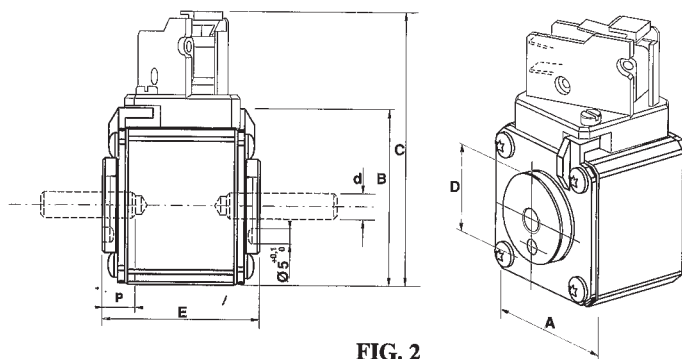


FIG. 2

500 TO 700VAC AC PSC DIMENSION TABLE

SIZE	STYLE	FIG.	A	B	C	D	d	P (min)	E	E1	E2	F	H	J	k	l
30	K	1	1-19/32	1-27/32	3-7/32	1-7/8				2-11/16	4-7/32	53/64	1	13/32	1-3/16	5-5/64
	L	1	1-19/32	1-27/32	3-7/32	1-7/8				3-7/16	5	53/64	1	13/32	1-3/16	5-27/32
	TTI	2	1-19/32	1-27/32	3-7/32	1	5/16-18	15/64	2							
31	K	1	2	2-7/32	3-37/64	1-7/8				2-11/16	4-7/32	1	1	13/32	1-3/16	5-5/64
	L	1	2	2-7/32	3-37/64	1-7/8				3-19/32	4-13/16	1	1	9/16	1-3/16	5-27/32
	LL	1	2	2-7/32	3-37/64	1-7/8				3-7/16	5	1	1	13/32	1-3/16	5-27/32
32	K (1)	1	2-3/8	2-37/64	3-15/16	1-7/8				2-59/64	4-9/32	1-3/16	1-1/4	9/16	1-1/4	5-9/32
	L	1	2-3/8	2-37/64	3-15/16	1-7/8 (3)				3-45/64	5-5/64	1-3/16	1-1/4	9/16	1-1/4	6
	TTI	2	2-3/8	2-37/64	3-15/16	1-1/2 (4)	3/8-16	23/64	2							
33	K (2)	1	2-15/16	3-1/8	4-1/2	1-29/32				2-31/32	4-15/64	1-15/32	1-9/16	5/8	1-1/4	5-9/32
	L	1	2-15/16	3-1/8	4-1/2	1-29/32 (5)				3-23/32	5	1-15/32	1-9/16	5/8	1-1/4	6
	TTI	2	2-15/16	3-1/8	4-1/2	1-13/16 (6)	1/2-13	23/64	2							

NOTES:

- (1) Max Amp Rating = 1000A
- (2) Max Amp Rating = 1400A
- (3) For Ratings $\geq 1100A$, D= 2-1/16
- (4) For Ratings $\geq 900A$, D= 1-21/32
- (5) For Ratings $\geq 1600A$, D=2-1/16 (Except R300533, S300534, and T300535 where D=1-7/8)
- (6) For Ratings $\geq 1250A$, D=2-1/16

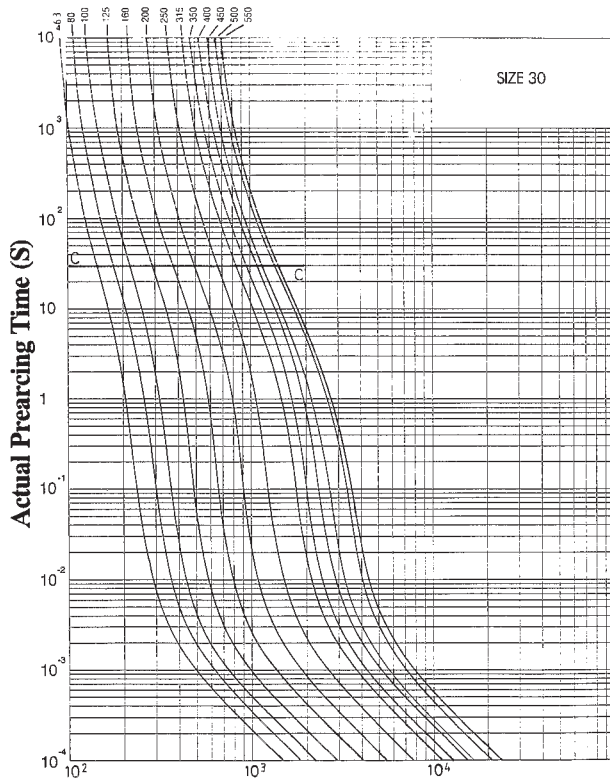
PSC SERIES

The PSC Series presents the on-going commitment to research of Ferraz to improving the Semiconductor Fuse. The improved performances, reduction in volume and weight and increased ratings are the main characteristic advantages. Available in both U.S. Standard End Contact and Bladed connections, the PSC Series offers a new highly reliable low voltage trip indicator system.

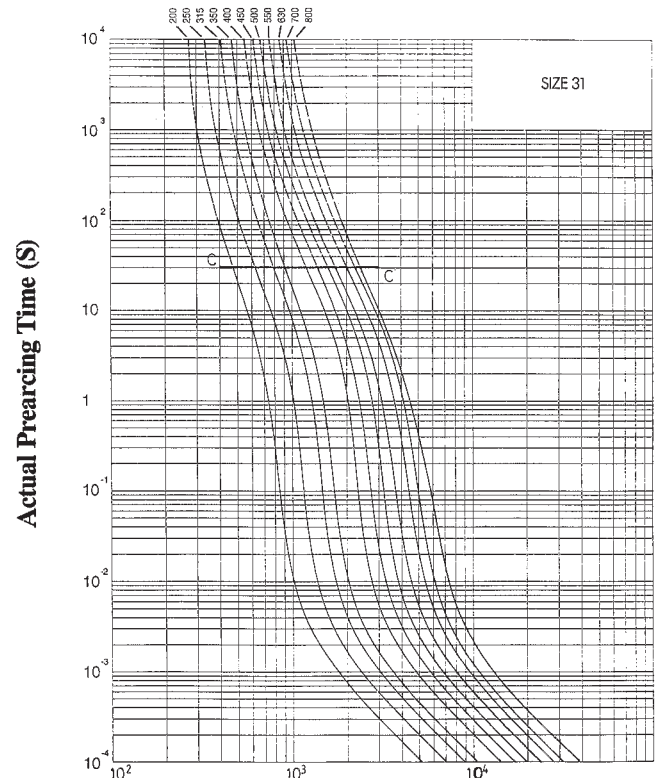
The electrical characteristics are developed per IEC 269-1 and IEC 269-4. The interrupting tests have been performed per the U.L. Standards at published voltage ratings. Data is valid for frequencies between 45 and 62hz. All sizes of the PSC Series is of non-magnetic construction.

For more information regarding the selection of fuse, please refer to application bulletins, T59, T70, and NTSC120.

TIME / CURRENT / CHARACTERISTICS

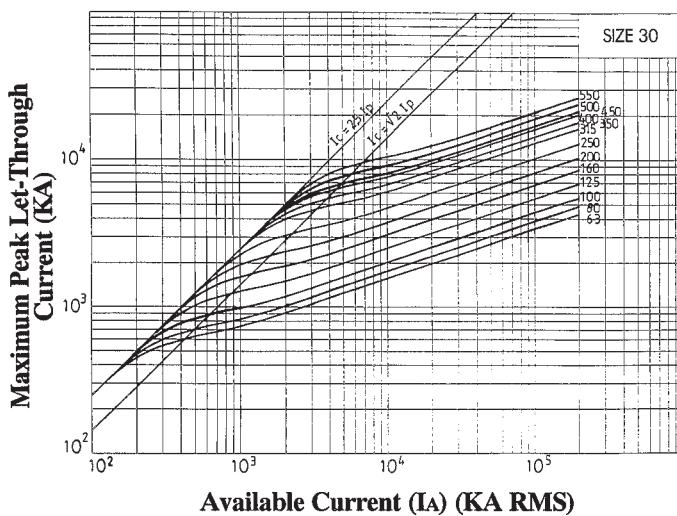


RMS Prearcing Current I (A)

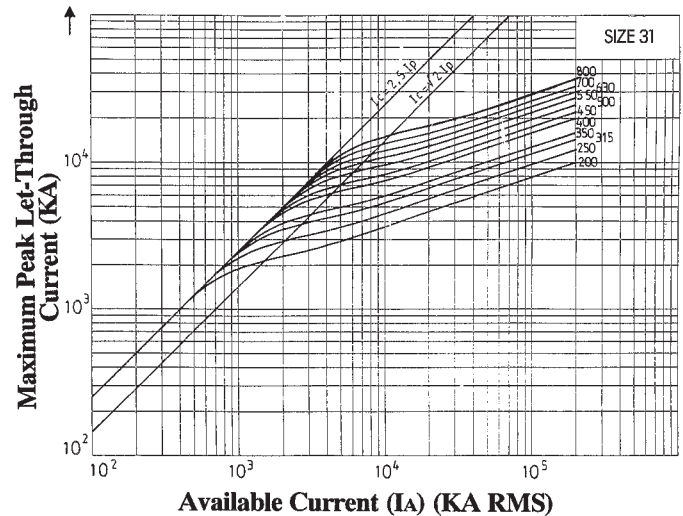


RMS Prearcing Current I (A)

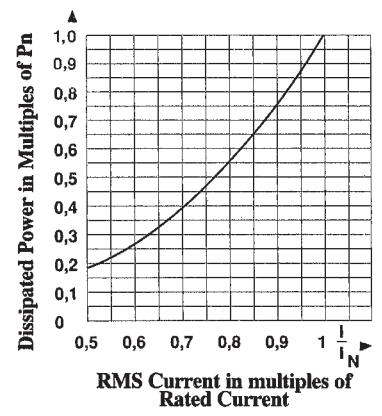
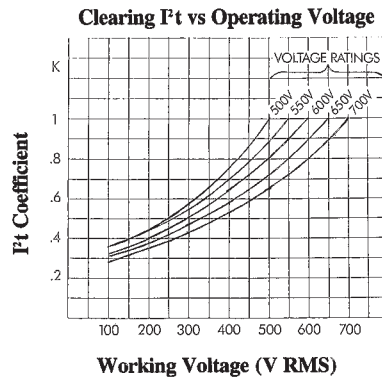
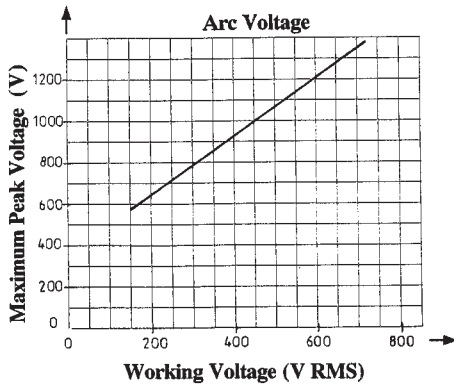
MAXIMUM PEAK LET THROUGH CURRENT



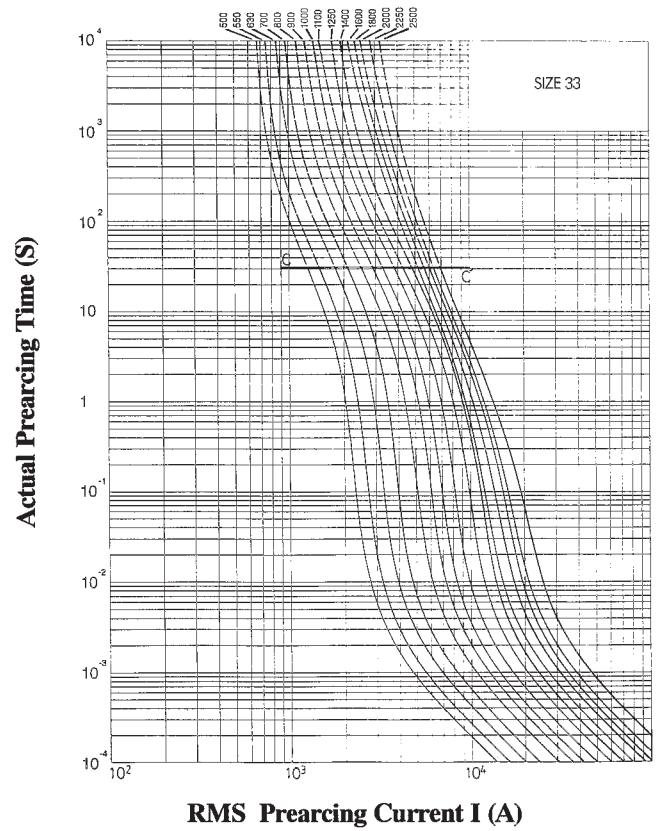
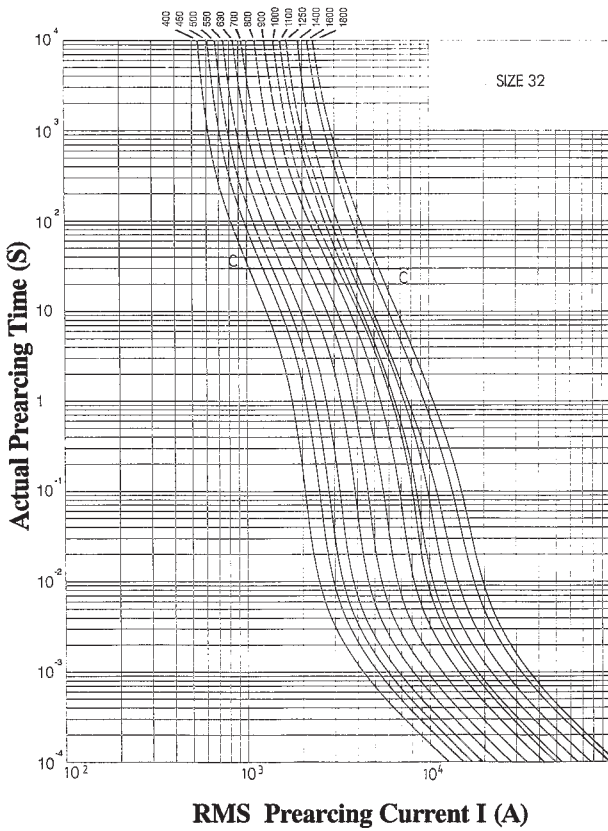
Available Current (IA) (KA RMS)



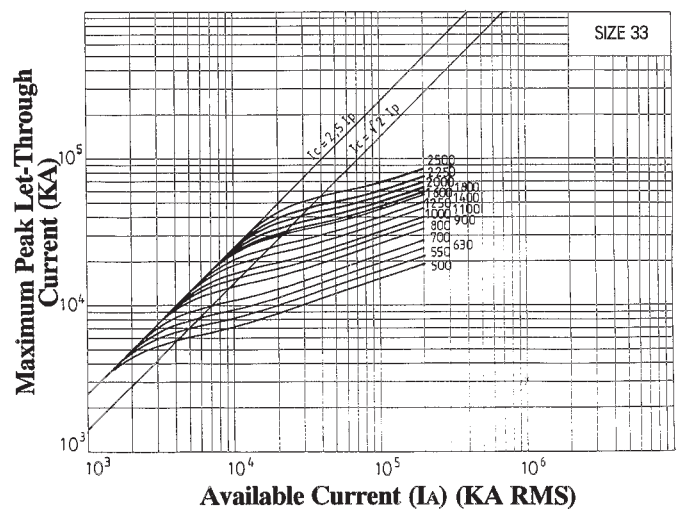
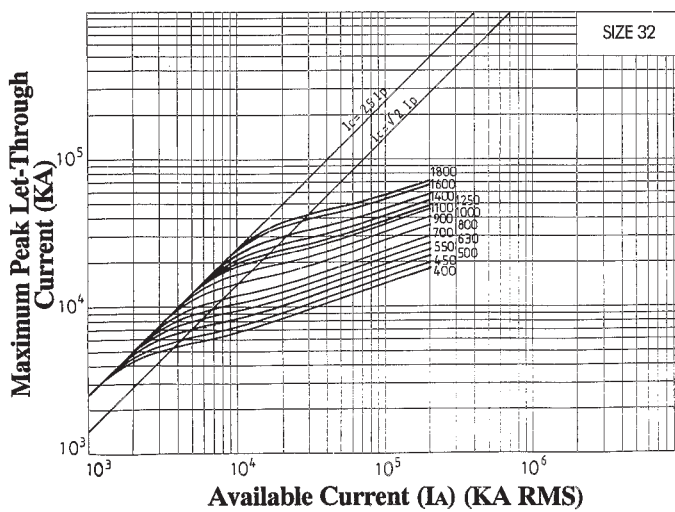
Available Current (IA) (KA RMS)



TIME / CURRENT / CHARACTERISTICS



MAXIMUM PEAK LET THROUGH CURRENT



ORDERING INFORMATION

DESCRIPTION	REFERENCE #.			
	K	L	LL	TTI
A070 URD 30___I 0063	B 300 128	M 300 138		
A070 URD 30___I 0080	C 300 129	N 300 139		
A070 URD 30___I 0100	D 300 130	P 300 140		W 300 744
A070 URD 30___I 0125	E 300 131	Q 300 141		G 300 708
A070 URD 30___I 0160	F 300 132	R 300 142		N 300 576
A070 URD 30___I 0200	G 300 133	S 300 143		P 300 577
A070 URD 30___I 0250	H 300 134	T 300 144		Q 300 578
A070 URD 30___I 0315	J 300 135	V 300 145		R 300 579
A070 URD 30___I 0350	K 300 136	W 300 146		S 300 580
A070 URD 30___I 0400	L 300 137	X 300 147		T 300 581
A070 URD 30___I 0450	T 301 064	K 300 527		V 300 582
A070 URD 30___I 0500	V 301 065	L 300 528		W 300 583
A070 URD 30___I 0550	W 301 066	M 300 529		X 300 584
A070 URD 31___I 0200	S 300 028	V 300 697	J 300 158	A 300 472
A070 URD 31___I 0250	T 300 029	W 300 698	K 300 159	B 300 473
A070 URD 31___I 0315	V 300 030	X 300 699	L 300 160	C 300 474
A070 URD 31___I 0350	R 300 050	Y 300 700	M 300 161	D 300 475
A070 URD 31___I 0400	W 300 031	Z 300 701	N 300 162	E 300 476
A070 URD 31___I 0450	X 300 032	A 300 702	P 300 163	F 300 477
A070 URD 31___I 0500	Y 300 033	B 300 703	Q 300 164	G 300 478
A070 URD 31___I 0550	Z 300 034	C 300 704	R 300 165	H 300 479
A070 URD 31___I 0630	A 300 035	D 300 705	S 300 166	J 300 480
A070 URD 31___I 0700	B 300 036	E 300 706	T 300 167	K 300 481
A070 URD 31___I 0800	A 301 070	F 300 707	J 300 526	L 300 482
A070 URD 32___I 0400	Z 300 195	J 300 204		Q 300 463
A070 URD 32___I 0450	A 300 196	K 300 205		N 300 461
A070 URD 32___I 0500	B 300 197	L 300 206		P 300 462
A070 URD 32___I 0550	C 300 198	M 300 207		R 300 464
A070 URD 32___I 0630	D 300 199	N 300 208		S 300 465
A070 URD 32___I 0700	E 300 200	P 300 209		T 300 466
A070 URD 32___I 0800	F 300 201	Q 300 210		V 300 467
A070 URD 32___I 0900	G 300 202	R 300 211		W 300 468
A070 URD 32___I 1000	H 300 203	S 300 212		X 300 469
A065 URD 32___I 1100		B 301 071		M 301 081
A060 URD 32___I 1250		C 301 072		N 301 082
A055 URD 32___I 1400		D 301 073		P 301 083
A055 URD 32___I 1600		E 301 074		Q 301 084
A050 URD 32___I 1800		F 301 075		R 301 085
A070 URD 33___I 0500	W 300 238	K 300 228		X 300 446
A070 URD 33___I 0550	X 300 239	L 300 229		Y 300 447
A070 URD 33___I 0630	Y 300 240	M 300 230		Z 300 448
A070 URD 33___I 0700	Z 300 241	N 300 231		A 300 449
A070 URD 33___I 0800	A 300 242	P 300 232		T 300 443
A070 URD 33___I 0900	B 300 243	Q 300 233		B 300 450
A070 URD 33___I 1000	C 300 244	R 300 234		C 300 451
A070 URD 33___I 1100	D 300 245	S 300 235		D 300 452
A070 URD 33___I 1250	E 300 246	T 300 236		E 300 453
A070 URD 33___I 1400	F 300 247	V 300 237		F 300 454
A060 URD 33___I 1500		P 300 531*		
A060 URD 33___I 1600		R 300 533*		
A065 URD 33___I 1600		G 301 076		S 301 086
A065 URD 33___I 1800		H 301 077		T 301 087
A055 URD 33___I 1800		S 300 534*		
A060 URD 33___I 2000		J 301 078		V 301 088
A050 URD 33___I 2000		T 300 535*		
A055 URD 33___I 2250		K 301 079		W 301 089
A050 URD 33___I 2500		L 301 080		Y 300 838

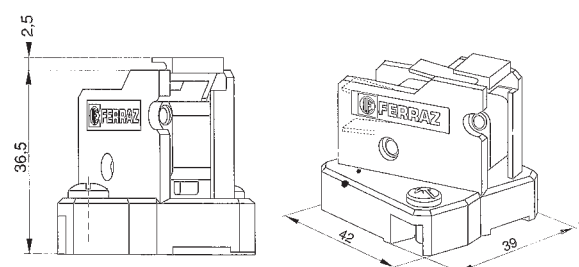
*NOTE: REPRESENTS FUSE WITH SHORTER D DIMENSION = 1-7/8 INCHES

SELF RESETTING PSC MICROSWITCHES

Description	Reference	Breaking Capacity at 250 VAC **
MS 3V 2-5	G310000	10A
MS 3V 2-5BS*	H310001	3A

* For Corrosive Atmosphere.

** Resistive Load.



These Microswitches cannot be used on the fuses designated with the sizes A, B, G, H or similar. Please contact the factory if in question.

For more technical data (Temperature rise, I_{2t}, DC Capability, etc.) and availability of European Standard Models, refer to our Engineering Catalog NT SC 205.

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