



PSC SERIES 650 TO 1300 VAC / 63 TO 1800 A

PSC 650 TO 1300VAC US STANDARD

SIZE	AMPERE RATING (A)	VOLTAGE RATING Un (VAC)	PREARcing I2T @1ms (10E3 A2S)	TOTAL I2T @ Un (10E3 A2S)	WATT LOSSES Pn (W) AT RATED CURRENT		TESTED INTERRUPTING RATING
					END CONTACT FIG. 1	BLADED FIG. 2	
70	63	1300	0.21	1.8	26	26	125KA / 1300VAC
	80	1300	0.47	4	27	27	
	100	1300	0.83	7.2	30	30	
	125	1300	1.3	11	38	38	
	160	1300	2.5	22	45	45	
	200	1300	4.7	40	54	56	
	250	1300	9.6	82	58	61	
	280	1300	14	123	61	64	
71	315	1300	20	172	66	72	150KA / 1200VAC
	350	1200	28	205	68	75	
	160	1300	2.6	22	46	46	
	200	1300	4.7	40	54	54	
	250	1300	8.9	76	61	61	
	280	1300	12	102	68	70	
	315	1300	16	138	73	76	
	350	1300	22	190	76	80	
72	400	1300	38	330	76	80	150KA / 1200VAC
	450	1300	47	405	87	95	
	500	1200	68	500	90	100	
	550	1200	84	620	98	112	
	630	1200	125	930	105		
	630	1100	125	820		120	
	280	1300	10	90	72	72	
	315	1300	15	130	76	76	
73	350	1300	21	180	77	77	125KA / 1300VAC
	400	1300	32	285	80	80	
	450	1300	44	380	87	89	
	500	1300	57	495	94	98	
	550	1300	68	585	110	120	
	630	1300	105	915	113		
	630	1200	105	780		125	
	700	1200	145	1040	122		
73	700	1100	145	920		140	150KA / 1100VAC
	800	1200	215	1590	125		
	800	1100	215	1400		146	
	315	1300	12	102	84	84	
	350	1300	17	150	86	86	
	400	1300	25	220	93	93	
	450	1300	35	310	99	100	
	500	1300	44	385	110	112	
73	550	1300	57	495	116	120	150KA / 1200VAC
	630	1300	84	730	125	132	
	700	1300	110	960	135	146	
	800	1300	190	1630	136		
	800	1200	190	1400		148	
	900	1300	250	2160	150		
	900	1100	250	1640		170	
	1000	1100	370	2430	152		
73	1000	1000	370	2130		174	150KA / 1000VAC
	1100	1000	445	2580	168	208	
	1250	1000	585	3480	186	200	
	1400	900	755	3880	210	228	
	1600	700	1430	5630	203		
	1800	650	2040	7600	206		

U.L. RECOGNIZED IN A.C.: ALL FUSES

U.L. RECOGNIZED IN D.C.: ALL FUSES EXCEPT 1250A AND ABOVE

CALCULATED BREAKING CAPACITY: 300KA

650 TO 1300VAC PSC DIMENSION TABLE

SIZE	STYLE	FIG.	A	B	C	D	d	P (min)	E1	E2	F	H	J	K	L
70	L	1	1-9/16	1-27/32	3-7/32	2-25/32			3-13/32	5-1/8	53/64	1	13/32	1-3/16	6
	TT	2	1-9/16	1-27/32	3-7/32	1-1/64	5/16-18	15/64							
71	LL	1	2	2-7/32	3-37/64	2-25/32			3-19/32	5-1/8	1	1	13/32	1-3/16	6
	TT	2	2	2-7/32	3-37/64	1-3/16	5/16-18	23/64							
72	L	1	2-23/64	2-37/64	3-15/16	2-25/32			3-27/32	5-13/64	1-3/16	1-1/4	9/16	1-1/4	6-3/16
	TT	2	2-23/64	2-37/64	3-15/16	1-1/2	3/8-16	23/64							
73	L	1	2-15/16	3-1/8	4-1/2	2-53/64 (3)			3-57/64	5-11/64	1-15/32	1-9/16	5/8	1-1/4	6-3/16
	TT	2	2-15/16	3-1/8	4-1/2	1-13/16	1/2-13	23/64							

NOTES:

- (1) Size 72, style TT, D=1-21/32 for 700A and 800A
- (2) Size 73, style TT, D=2-3/64 for 900A to 1800A
- (3) Size 73, style L, D=2-15/16 for 1250A and 1400A

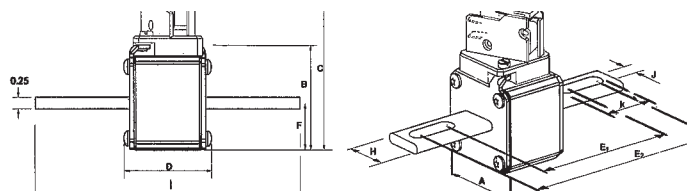


FIG. 1

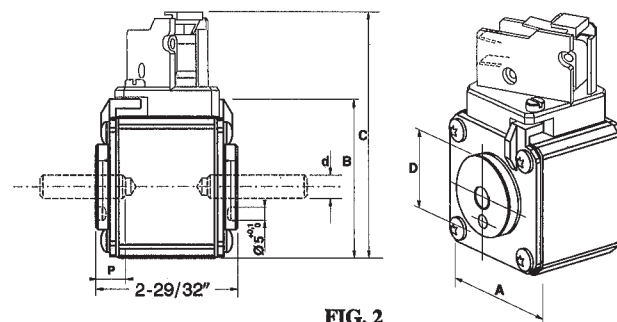


FIG. 2

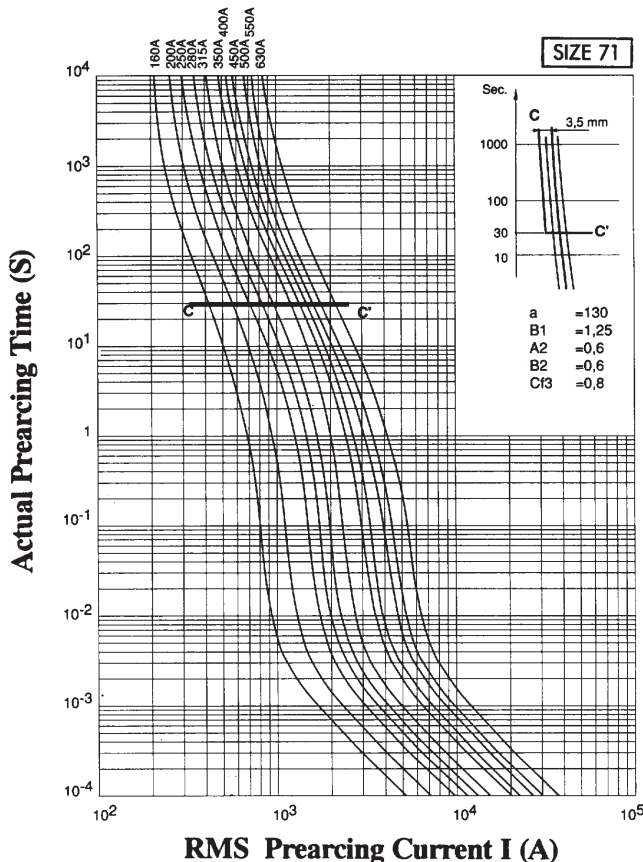
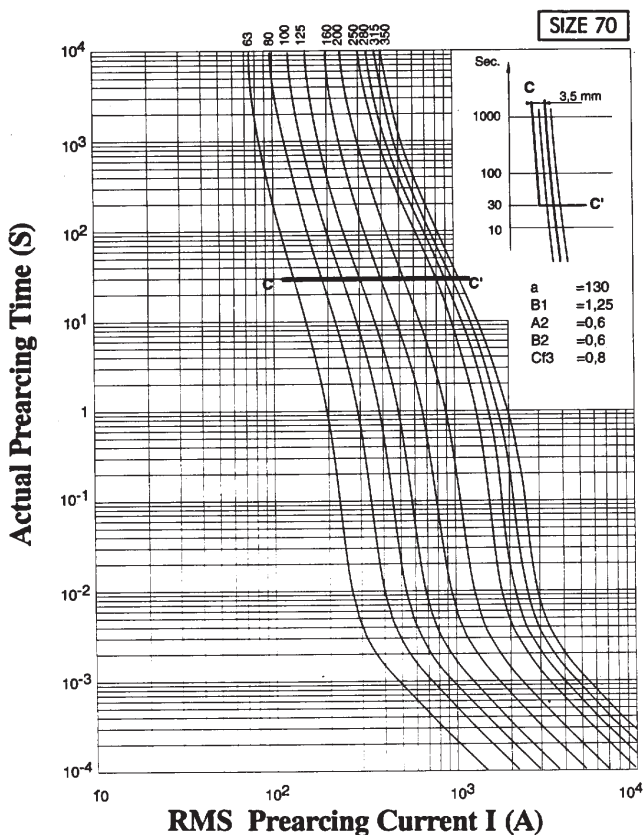
PSC SERIES

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.

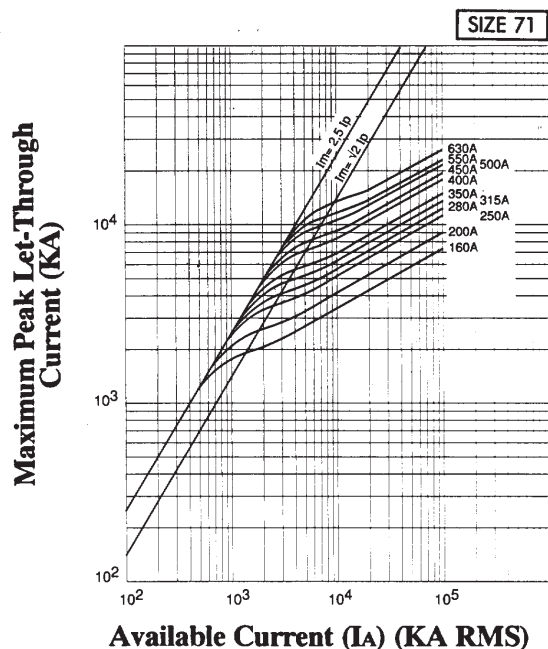
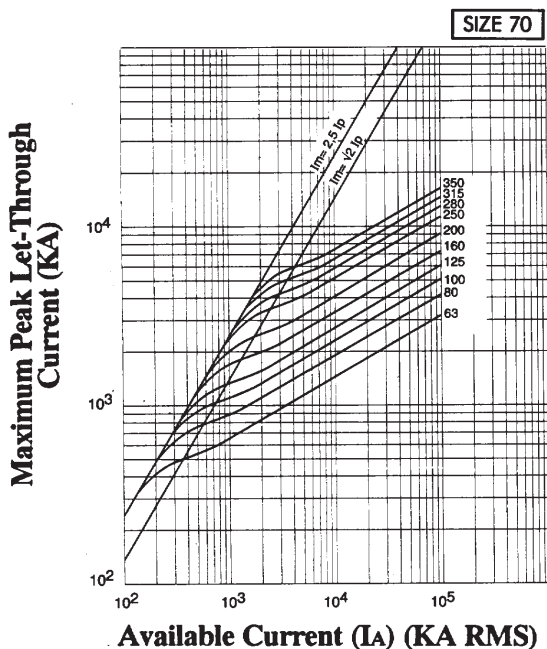
The electrical characteristics are developed per IEC 269-1 and IEC 269-4. The interrupting tests have been performed per the U.L. Standards at published voltage ratings. Data is valid for frequencies between 45 and 62hz. All sizes of the PSC Series is of non-magnetic construction.

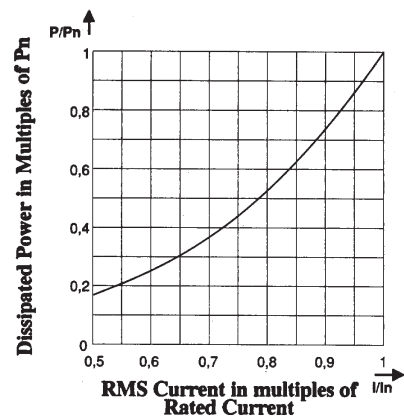
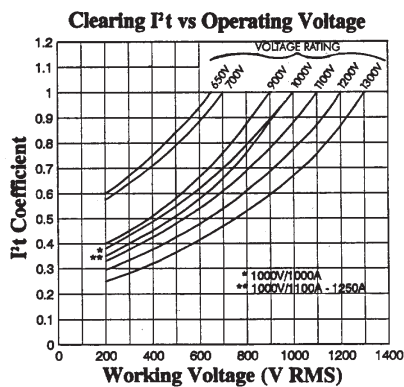
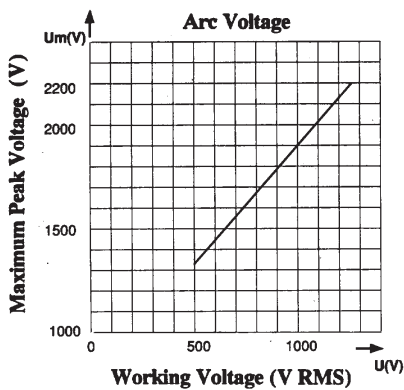
For more information regarding the selection of fuse, please refer to application bulletins, T59, T70, and NTSC120.

TIME / CURRENT / CHARACTERISTICS

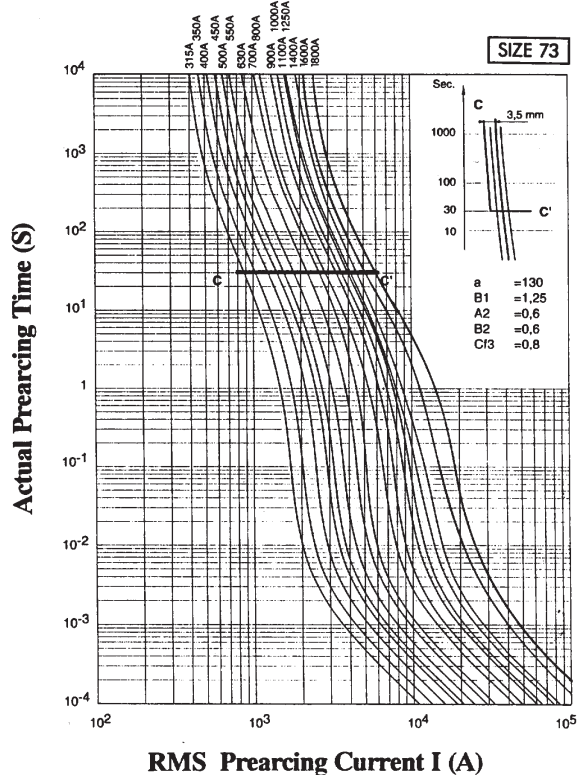
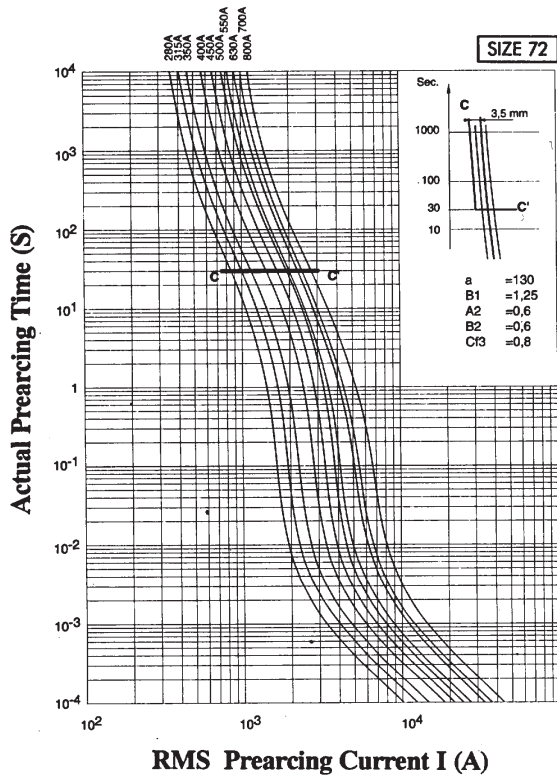


MAXIMUM PEAK LET THROUGH CURRENT

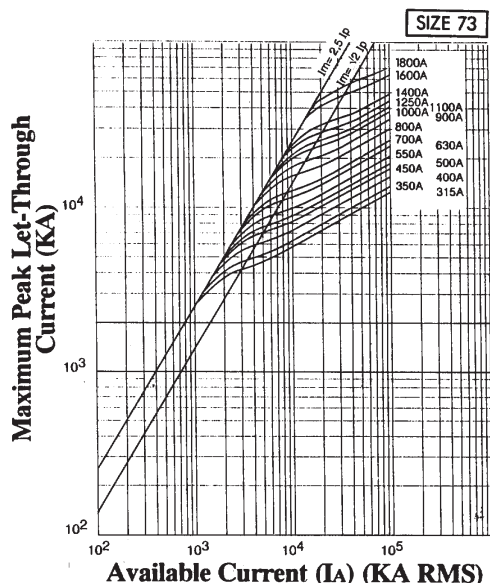
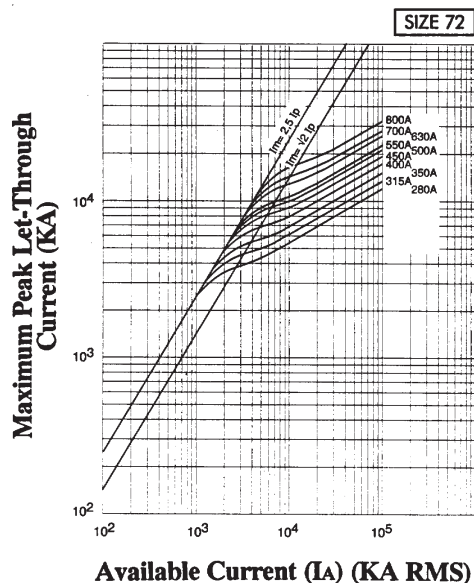




TIME / CURRENT / CHARACTERISTICS



MAXIMUM PEAK LET THROUGH CURRENT



ORDERING INFORMATION

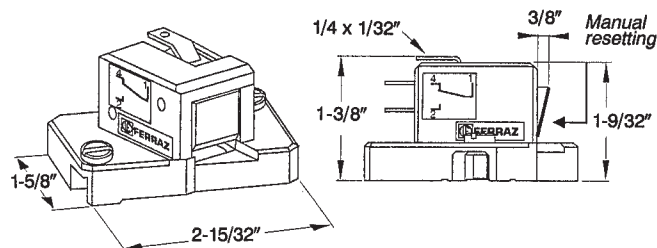
DESCRIPTION	REFERENCE #			
	STYLE			
	L	LL	TT	
A130 URD 70 I0063	W 300 652		Q 301 O15	
A130 URD 70 I0080	X 300 653		R 301 O16	
A130 URD 70 I0100	Y 300 654		S 301 O17	
A130 URD 70 I0125	Z 300 655		T 301 O18	
A130 URD 70 I0160	A 300 656		V 301 O19	
A130 URD 70 I0200	B 300 657		W 301 O20	
A130 URD 70 I0250	C 300 658		X 301 O21	
A130 URD 70 I0280	Q 300 716		Y 301 O22	
A130 URD 70 I0315	D 300 659		Z 301 O23	
A120 URD 70 I0350	E 300 660		A 301 O24	
A130 URD 71 I0160		E 300 752	B 301 O25	
A130 URD 71 I0200		F 300 661	C 301 O26	
A130 URD 71 I0250		G 300 662	D 301 O27	
A130 URD 71 I0280		R 300 717	E 301 O28	
A130 URD 71 I0315		H 300 663	F 301 O29	
A130 URD 71 I0350		J 300 664	G 301 O30	
A130 URD 71 I0400		K 300 665	H 301 O31	
A130 URD 71 I0450		L 300 666	J 301 O32	
A120 URD 71 I0500		M 300 667	K 301 O33	
A120 URD 71 I0550		N 300 668	L 301 O34	
A120 URD 71 I0630			M 301 O35	
A110 URD 71 I0630		P 300 669		
A130 URD 72 I0280	Q 300 670		N 301 O36	
A130 URD 72 I0315	R 300 671		P 301 O37	
A130 URD 72 I0350	S 300 672		Q 301 O38	
A130 URD 72 I0400	T 300 673		R 301 O39	
A130 URD 72 I0450	V 300 674		S 301 O40	
A130 URD 72 I0500	W 300 675		T 301 O41	
A130 URD 72 I0550	X 300 676		V 301 O42	
A130 URD 72 I0630			W 301 O43	
A120 URD 72 I0630	Y 300 677			
A120 URD 72 I0700			X 301 O44	
A110 URD 72 I0700	Z 300 678		Y 301 O45	
A120 URD 72 I0800				
A110 URD 72 I0800	A 300 679			
A130 URD 73 I0315	B 300 680		Z 301 O46	
A130 URD 73 I0350	C 300 681		A 301 O47	
A130 URD 73 I0400	D 300 682		B 301 O48	
A130 URD 73 I0450	E 300 683		C 301 O49	
A130 URD 73 I0500	F 300 684		D 301 O50	
A130 URD 73 I0550	G 300 685		E 301 O51	
A130 URD 73 I0630	H 300 686		F 301 O52	
A130 URD 73 I0700	J 300 687		G 301 O53	
A130 URD 73 I0800			H 301 O54	
A120 URD 73 I0800	K 300 688			
A130 URD 73 I0900			J 301 O55	
A110 URD 73 I0900	L 300 689		K 301 O56	
A100 URD 73 I1000				
A100 URD 73 I1100	M 300 690		L 301 O57	
A100 URD 73 I1250	N 300 691		M 301 O58	
A090 URD 73 I1400	J 301 193		N 301 O59	
A070 URD 73 I1600	K 301 194		Q 300 877	
A065 URD 73 I1800			R 300 878	

MANUAL RESETTING PSC MICROSWITCHES

Description	Reference	Breaking Capacity at 250 VAC **
MS 7V 1-5	J310002	10A
MS 7V 1-5BS*	K310003	3A

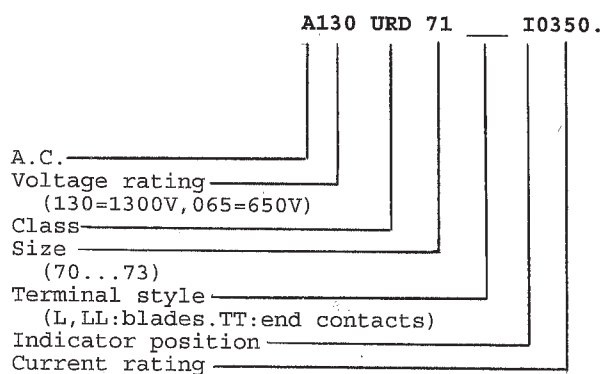
* For Corrosive Atmosphere.

** Resistive Load.



These Microswitches cannot be used on the fuses designated with the sizes C, D, E, F or similar. Please contact the factory if in question.

DESCRIPTION EXPLANATION



ORDERING INFORMATION EXAMPLE

Fuse size 71 rating 350A:

Blade style

A130 URD 71 LL I0350 Reference#J300664

(Fig. 1 page 1)

End contact style

A130 URD 71 TT I0350 Reference#G301030

(Fig. 2 page 1)

For more technical data (Temperature rise, I_{2t}, DC Capability, etc.) and availability of European Standard Models, refer to our Engineering Catalog NT SC 305.

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