

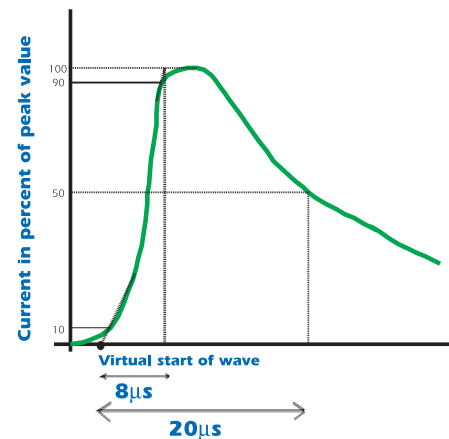
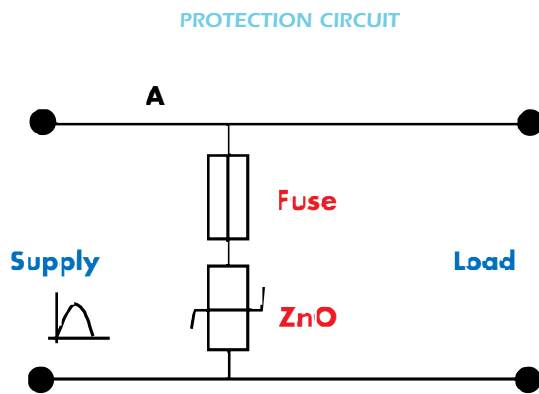


European Fuses Surge Suppression Fuses

PROTECTION AGAINST LOW VOLTAGE ARRESTER FAILURE

When an arrester fails (it can no longer contain overvoltage and thus short circuits), a fuse is needed to prevent its explosion. If the fuse is equipped with a trip-indicator, the user will be aware that the arrester must be replaced.

In order to match a wider market demand, Ferraz-SHAWMUT also offers the fuse alone plus its corresponding accessories, holder and microswitch which allows a remote signalling. The attached list provides a selection of "Isolating fuses" able to withstand once the max peak permissible current I_{max} . As a matter of principle the selected fuse automatically withstands 20 times the lower peak current I_2 (and 3 times the I_3 , former lower peak current in old standards).



DEFINITION OF THE STANDARD 8/20MS WAVE

Sometimes the fuse could also be located in A. In this case verify that the load current is compatible with the fuse current rating.



European Fuses Surge Suppression Fuses

Isolating fuse list

Imax (kA) one pulse	Designation	Reference Number	Voltage rating (V)	Current rating (A)	Breaking capacity	Catalog Number
1	250V FC 6,3A - 5x20	E 205 785	250	6.3	250V-6kA	MI5FC 25V 6,3
1	250V FC 6,3A - 5x20 AL	Z 205 044	250	6.3	250V-6kA	MI5FCP 25V 6,3
2.5	250V FC 10A - 5x20	T 205 683	250	10	250V-6kA	MI5FC 25V 10
2.5	250V FC 10A - 5x20 AL	B 205 046	250	10	250V-6kA	MI5FCP 25V 10
3	250V SA 20A - 6x32	J 084 418	250	20	250V-200kA	MI6SA 25V 20
4.5	Fus. cil. ind. GI 10x38 S/I 20A	D211028	500	20	500V-120kA	FR10GG 50V 20
4.5	6,921 Cp gRC 14x51 - 50A	N 220 950	690	50	690V-300kA	FR14GC 69V 50T
5	Fus. cil. ind. GI 10x38 S/I 25A	E 213099	500	25	500V-120kA	FR10GG 50V 25
5	621 Cp URC 14x51-63A	V 220 910	600	63	600V-100kA	FR14UC 60V 63T
6.5	Fus. cil. ind. GI 10x38 S/I 32A	A 214107	400	32	400V-120kA	FR10GG 40V 32
6.5	6,921 Cp gRC 22x58-80	X 220 820	690	80	690V-300kA	FR22GC 69V 80T
8-10	Fus. cil. ind. GI 14x51 S/I 32A	W 216656	500	32	500V-120kA	FR14GG 50V 32
8-10	Fus. Cp 14x51 GGP 32A	P 200757	500	32	500V-120kA	FR14GG 50V 32P
8-10	6,921 Cp gRC 22x58-100	C 220 917	690	100	690V-300kA	FR22GC 69V 100T
15	Fus. cil. ind. GI 14x51 S/I 40A	X 218198	500	40	500V-120kA	FR14GG 50V 40
15	Fus. Cp 14x51 GGP 40A	P 201815	500	40	500V-120kA	FR14GG 50V 40P
15	621 Cp URD 22x58-135	B 220 709	600	135	600V-300kA	FR22UD 60V 135T
20	Fus. cil. ind. GI 22x58 S/I 63A	Y 215646	690	63	690V-80kA	FR22GG 69V 63
20	Fus. Cp 22x58 GGP 63A	S 214629	500	63	500V-120kA	FR22GG 50V 63P
25	Fus. cil. ind. GI 22x58 S/I 80A	Q 217180	690	80	690V-80kA	FR22GG 69V 80
25	Fus. Cp 22x58 GGP 80A	F 216159	500	80	500V-120kA	FR22GG 50V 80P
35-40	Fus. cil. ind. GI 22x58 S/I 100A	E 218 205	500	100	500V-120kA	FR22GG 50V 100
35-40	Fus. Cp 22x58 GGP 100A	T 217183	500	100	500V-120kA	FR22GG 50V 100P
50-60	Fus. cil. ind. GI 22x58 S/I 125A	J 219773	400	125	400V-100kA	FR22GG 40V 125
50-60	Fus. Cp 22x58 GGP 125	H 218208	400	125	400V-120kA	FR22GG 40V 125P
65	gG 00 L 160	D 098 305	500	160	500V-100kA	NH00GG 50V 160-3
65	gG 1/160 P	G 095 594	500	160	500V-100kA	NH1GG 50V 160-4
65	Fus. GI NH1 C/P 160A	Z 222478	690	160	690V-80kA	NH1GG 69V 160P-2
75-100	gG 0 L/200	H 095 020	500	200	500V-100kA	NH0GG 50V 200-3
75-100	gG 1/200P	H 095 595	500	200	500V-100kA	NH1GG 50V 200-4
75-100	Fus. GI NH1 C/P 200A	R 223000	690	200	690V-80kA	NH1GG 69V 200P-2
75-100	6,9 URD 32 TTF 0900	Q 300 072	690	900	690V-200kA	PC32UD 69V 900TF
75-100	6,9 URD 32 D11A 0900	X 300 193	690	900	690V-200kA	PC32UD 69V 900 D 1A
120	gG 1 L/250	Z 095 035	500	250	500V-100kA	NH1GG 50V 250-3
120	gG 1/250 P	K 095 597	500	250	500V-100kA	NH1GG 50V 250-4
120	Fus. GI NH2 C/P 250A	T 214147	690	250	690V-80kA	NH2GG 69V 250P-2
120	6,9 URD 32 TTF 1000	S 300 074	690	1,000	690V-200kA	PC32UD 69V 1000 TF
120	6,9 URD 32 D11A 1000	Y 300 194	690	1,000	690V-200kA	PC32 UD 69V 10CD 1A