

Ferrule fuse links

FWP - 22 x 58 mm, 700 V a.c. / V d.c. (UL), 20 A to 100 A

Specifications

Description

Ferrule style high speed fuse links for the protection of DC common bus, DC drives, power converters/rectifiers and reduced rated voltage starters. Available with or without striker.

Technical data

- Rated voltage: 700 V a.c. / V d.c. (UL)
- Rated current: 20 A to 100 A
- Breaking capacity:
 - 200 kA RMS Sym.
 - 50 kA at 700 V d.c., t/c 5 ms
- Operating Class: aR

Compatible modular fuse holder

- CH22 see page 387

Standards / Agency information

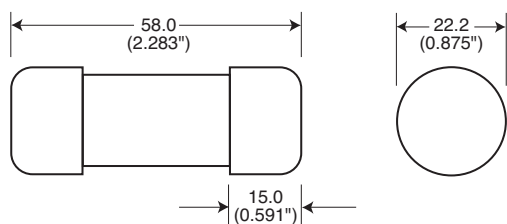
CE, UL Recognised, CSA Component Acceptance for versions without striker only, CCC certified



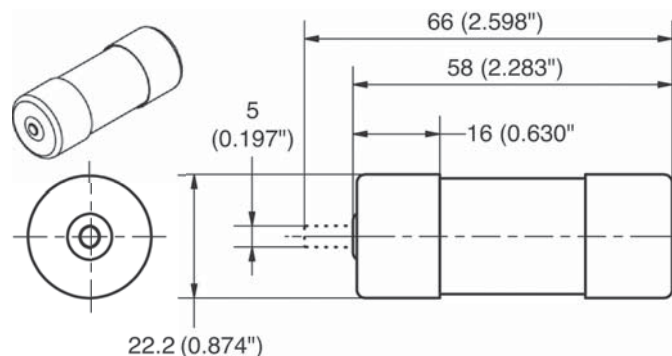
Catalogue numbers

Fuse link type	Fuse link size	Rated voltage	Rated current (Amps)	I ² t (A ² Sec)		Watts loss (W)	Catalogue numbers
				Pre-arcing	Clearing at 700 V a.c.		
Without striker	22 x 58 mm (7/8" x 2 9/32")	700 V a.c./ 700 V d.c. (UL)	20	23	330	5	FWP-20A22F
			25	37	530	6	FWP-25A22F
			32	55	780	8	FWP-32A22F
			40	68	960	12	FWP-40A22F
			50	155	2200	12.5	FWP-50A22F
			63	280	4000	15	FWP-63A22F
			80	550	7800	15	FWP-80A22F
			100	1100	15,600	16.5	FWP-100A22F
With striker	22 x 58 mm (7/8" x 2 9/32")	700 V a.c./ 700 V d.c. (UL)	20	19	260	5	FWP-20A22FI
			25	34	410	6	FWP-25A22FI
			32	53.5	605	8	FWP-32A22FI
			40	68	750	9	FWP-40A22FI
			50	135	1600	9.5	FWP-50A22FI
			63	280	3080	11	FWP-63A22FI
			80	600	6600	13.5	FWP-80A22FI
			100	1100	12,500	16	FWP-100A22FI

Dimensions - mm (in), without striker



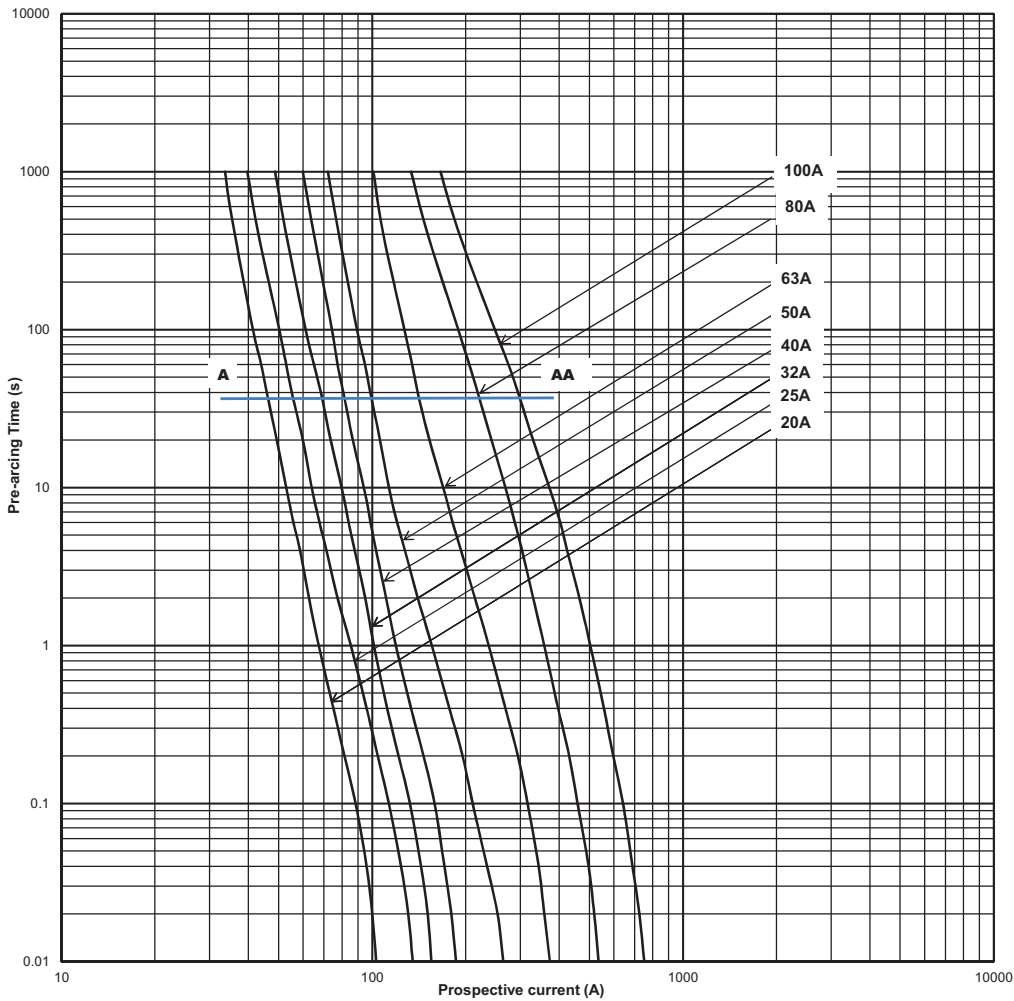
Dimensions - mm (in), with striker



Data sheets: 720026, 5781723

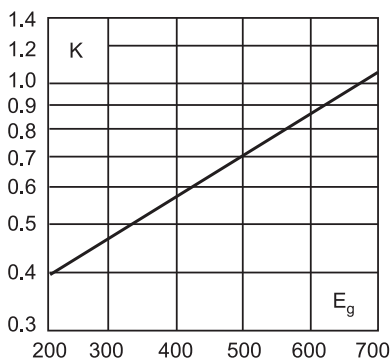
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Time-current curve - 20 A to 100 A



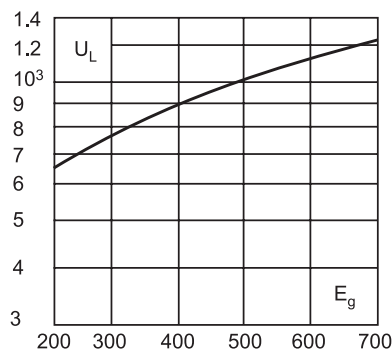
Total clearing I²t

The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g, (RMS).



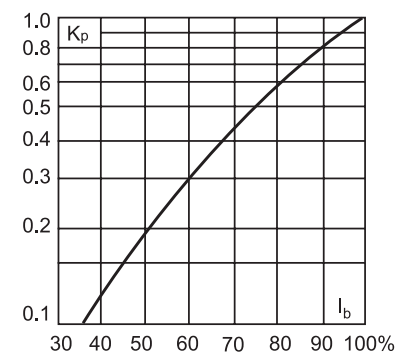
Arc voltage

This curve gives the peak arc voltage, U_L, which may appear across the fuse during its operation as a function of the applied working voltage, E_g, (RMS) at a power factor of 15 percent.



Watts losses

Watts loss at rated current is given in the electrical characteristics. The curve allows the calculation of the watts losses at load currents lower than the rated current. The correction factor, K_p, is given as a function of the RMS load current, I_b, in percent of the rated current.



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