

FWP 14 x 51 mm Ferrule style High speed fuse links



Catalogue symbol

- Without striker FWP-(amps)A14F (1 to 63 A)
- With striker FWP-(amps)A14FI (10 to 50 A)

Description

Ferrule style high speed fuse links

Technical data

- Rated voltage:
 - See technical data table page 2
- Rated current: 1 - 63 A
- Breaking capacity:
 - 200 kA RMS Sym
 - 50 kA at 700 V d.c. (5-50 A non-striker version)
 - 50 kA at 600 V d.c. for striker version
- Operating class: aR

Agency information for version without indicator

- CE
- UL Recognised JFHR2.E91958
- CSA Component acceptance file class 1422-30, 1422-90 (53787)
- CCC (5 A to 50 A without striker only)

Catalogue numbers (amps)

Without striker	With striker
FWP-1A14F	
FWP-2A14F	
FWP-3A14F	
FWP-4A14F	
FWP-5A14F	
FWP-10A14F	FWP-10A14FI
FWP-15A14F	FWP-15A14FI
FWP-20A14F	FWP-20A14FI
FWP-25A14F	FWP-25A14FI
FWP-30A14F	FWP-30A14FI
FWP-32A14F	FWP-32A14FI
FWP-40A14F	FWP-40A14FI
FWP-50A14F	FWP-50A14FI
FWP-63A14F	

Features and benefits

- Excellent DC performance and cycling capability
- Low arc voltage and low energy let-through (I²t)
- Low watts loss in a compact size
- Used with finger-safe holders/blocks

Typical applications

- DC common bus
- DC drives
- Power converters/rectifiers
- Reduced voltage starters

Carton quantity

- 10 per carton

Carton weight

- 0.225 (kg)



Powering Business Worldwide

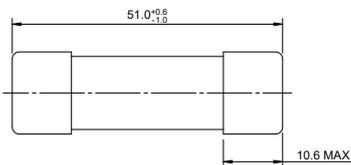
Technical data

Catalogue numbers	Rated voltage UL		Rated voltage IEC	Rated current RMS-Amps	I ² t (A ² Sec)		Watts loss**
	V a.c.	V d.c.	V a.c.		Pre-arc	Clearing at 700 V	
FWP-1A14F	700	N/A	N/A	1	0.04	0.41	5.7
FWP-2A14F	700	N/A	N/A	2	0.08	0.11	8.7
FWP-3A14F	700	N/A	N/A	3	0.11	0.26	2.8
FWP-4A14F	700	N/A	N/A	4	0.1	0.23	3
FWP-5A14F	700	700	690	5	2	11	1.5
FWP-10A14F	700	700	690	10	4	22	4
FWP-15A14F	700	700	690	15	10	70	5.5
FWP-20A14F	700	700	690	20	26	180	6.5
FWP-25A14F	700	700	690	25	49	320	7
FWP-30A14F	700	700	690	30	58	400	9
FWP-32A14F	700	700	690	32	68	600	8
FWP-40A14F	700	700	690	40	84	750	8
FWP-50A14F	700	700	690	50	200	1800	9
FWP-63A14F	700	700	690	63	390	2516	10
FWP-10A14FI	700	600	N/A	10	4	32	2
FWP-15A14FI	700	600	N/A	15	7	63	4
FWP-20A14FI	700	600	N/A	20	26	234	4
FWP-25A14FI	700	600	N/A	25	42	378	4
FWP-30A14FI	700	600	N/A	30	52	468	6
FWP-32A14FI	700	600	N/A	32	68	600	8
FWP-40A14FI	700	600	N/A	40	84	750	8
FWP-50A14FI	700	600	N/A	50	200	1800	9

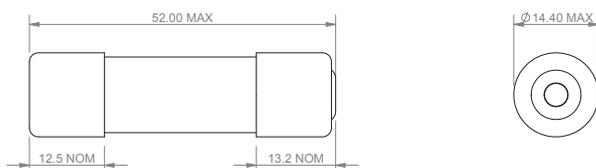
**Watts loss provided at rated current

Dimensions - mm

Without striker

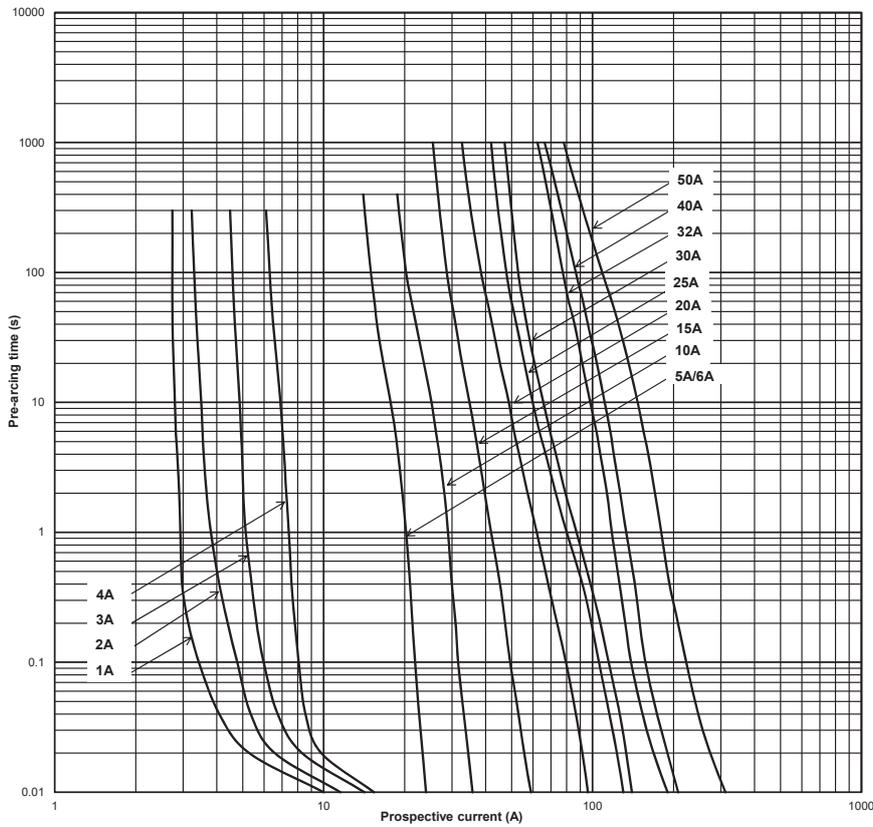


With striker

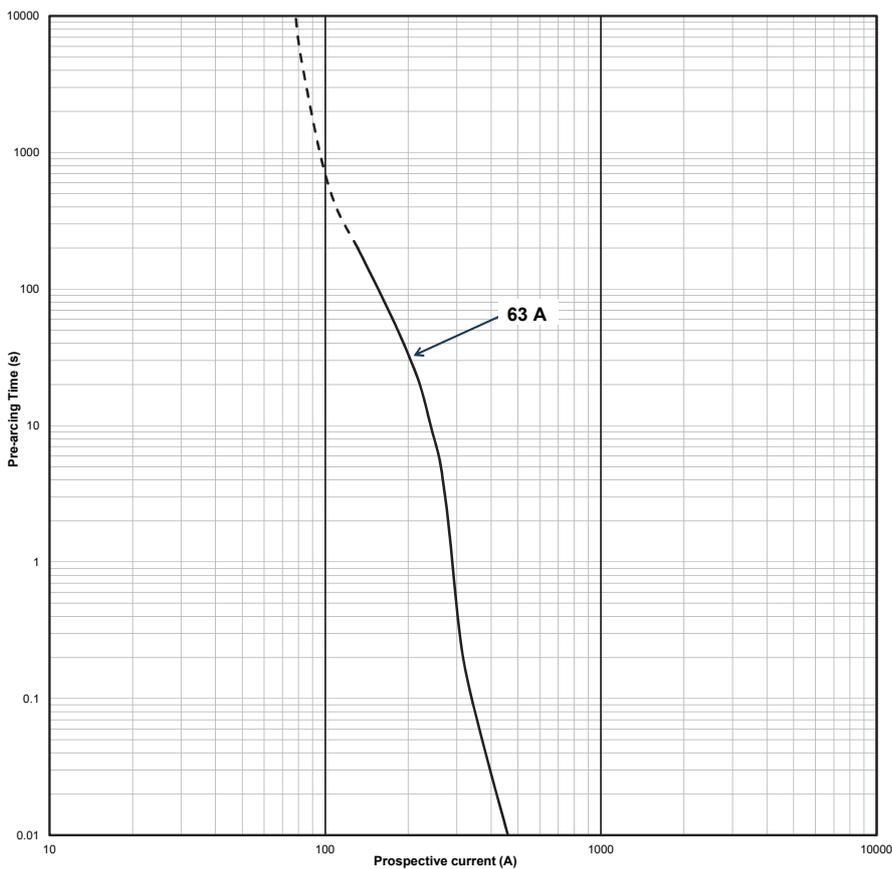


Time-current curve - nominal melt

1 - 50 A Without striker

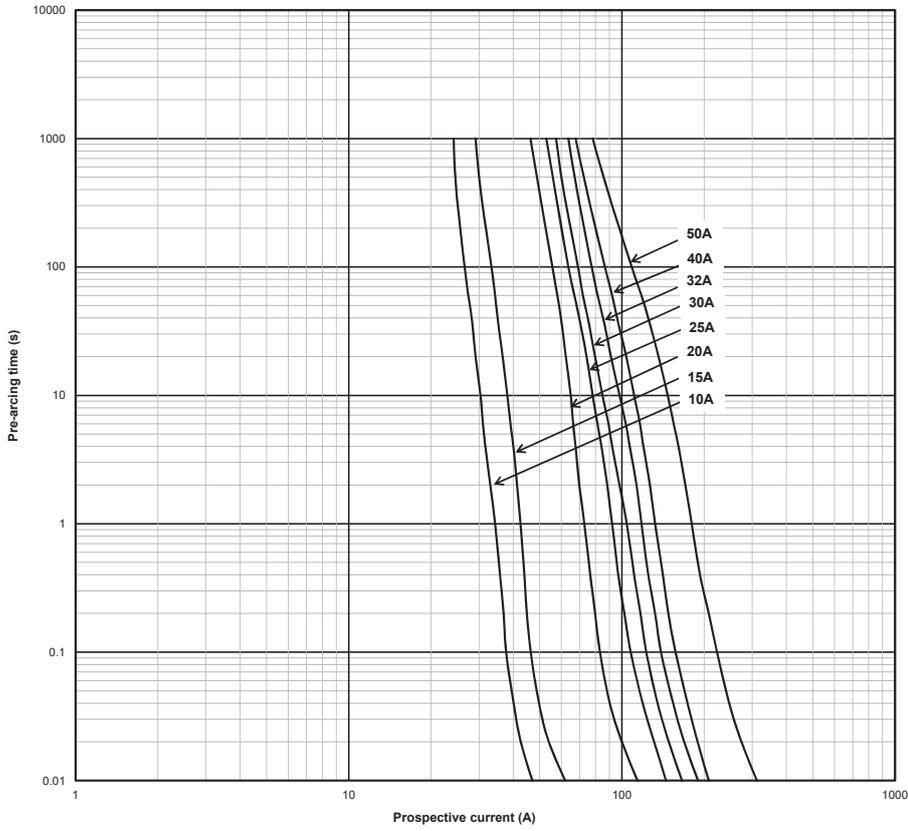


63 A Without striker



Time-current curve - nominal melt

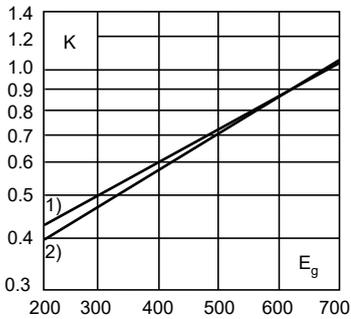
10 - 50 A Striker version



Electrical characteristics

Total clearing I²t

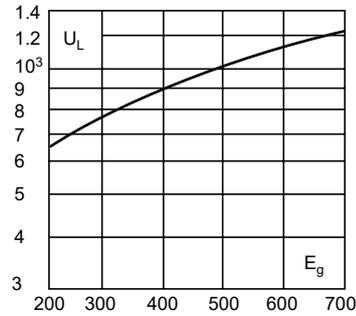
The total clearing I²t at rated voltage and at a power factor of 15 percent are given in the electrical characteristics. For other voltages, the clearing I²t is found by multiplying by correction factor, K, given as a function of applied working voltage, E_g (RMS).



- 1) 5 30 A
- 2) 32 - 50 A

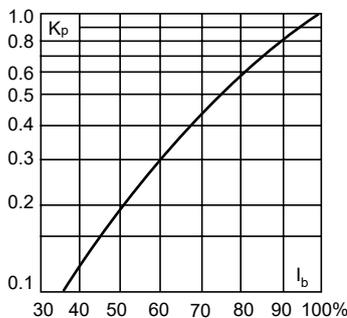
Arc voltage

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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