

# Bussmann series 10 x 38 mm gR cylindrical fuse links



## Product description

Eaton's Bussmann series 10 x 38 mm cylindrical class gR fuse links are used to protect AC/DC drives and semi conductors.

## Standard features

- Compact design
- Compatible with Eaton's Bussmann series CH modular fuse holders (data sheet number 720147)

### Catalogue symbol

- FWP-(amp)G10F

### Fuse link size

- 10 x 38 mm

### Technical data

- Rated voltage: 690 V a.c.
- Rated current: 4 to 32 A
- Breaking capacity: 200 kA a.c.
- Class of operation: gR

### Standards/Approvals

- IEC 60269-4
- UL 248-13

### Packaging

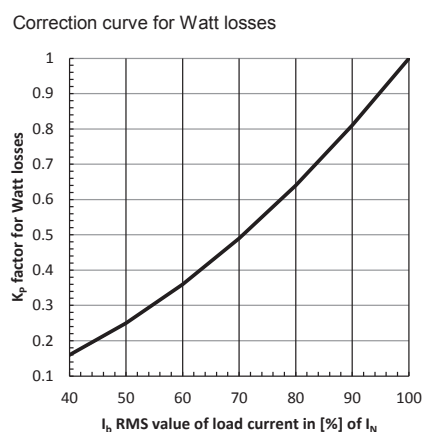
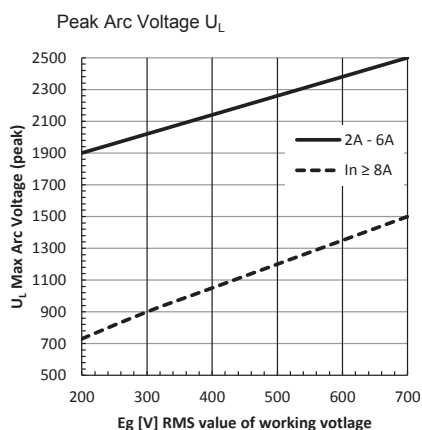
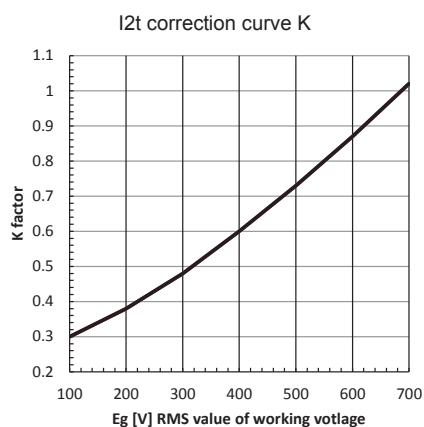
- MOQ: 10

Table 1. Technical Data

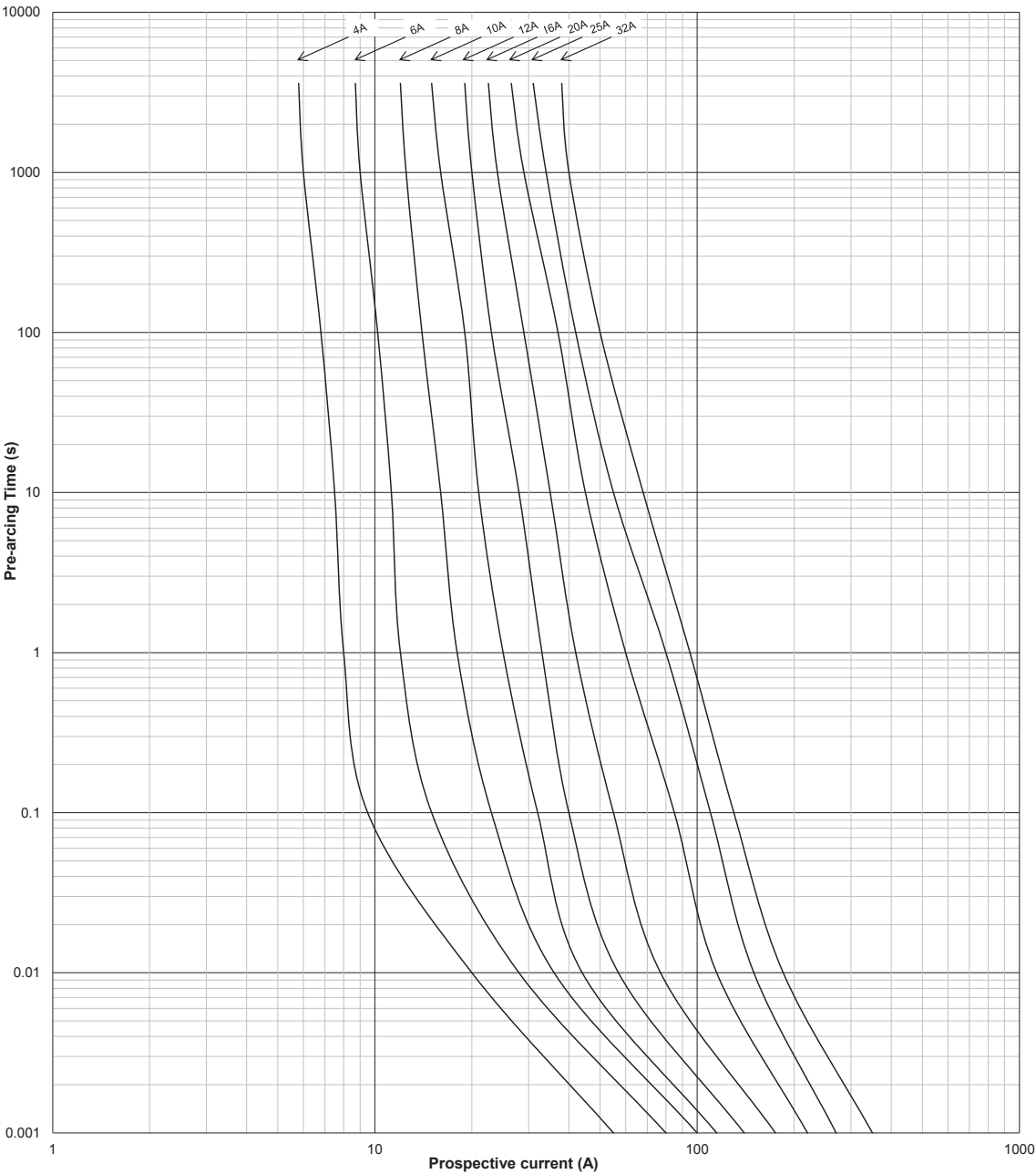
Catalogue number	Rated current (A)	Rated voltage (V a.c.)	Pre-arcing I <sup>2</sup> t	Total I <sup>2</sup> t at 690 V a.c.	Power loss at 80% I <sub>n</sub> (W)	Power loss at I <sub>n</sub> (W)
FWP-4G10F	4	690	5.6	17	1.13	2.05
FWP-6G10F	6	690	16	48	1.56	3
FWP-8G10F	8	690	4.3	38	0.97	1.68
FWP-10G10F	10	690	6.6	59	1.20	2.09
FWP-12G10F	12	690	9.6	84	1.69	2.99
FWP-16G10F	16	690	17	150	2.31	4.27
FWP-20G10F	20	690	23.5	200	2.86	5.35
FWP-25G10F	25	690	60.2	512	2.94	5.52
FWP-32G10F	32*	690	94	800	3.82	7.43

\* Rated current 32 A with 25mm<sup>2</sup> conductors, derate to 27 A with 6mm<sup>2</sup> conductors

### Correction curves

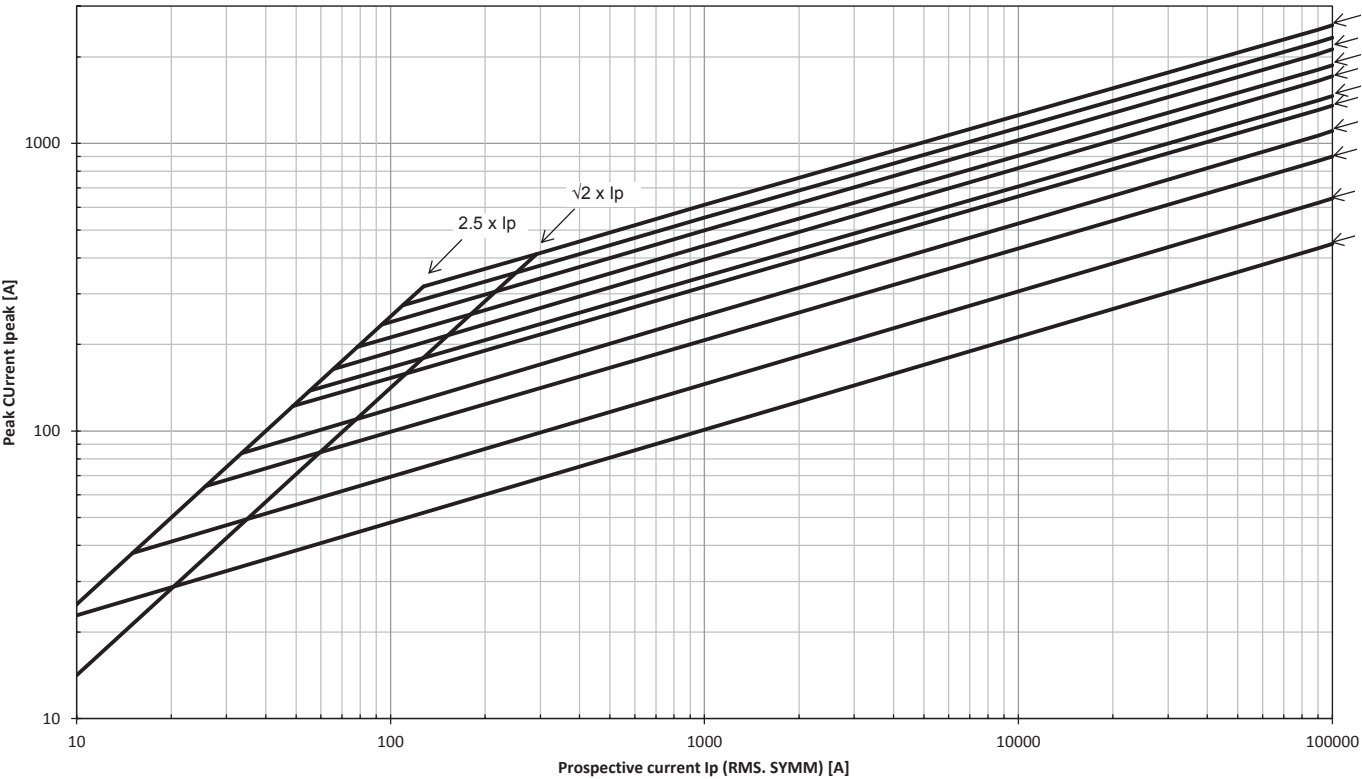


Time-current curve

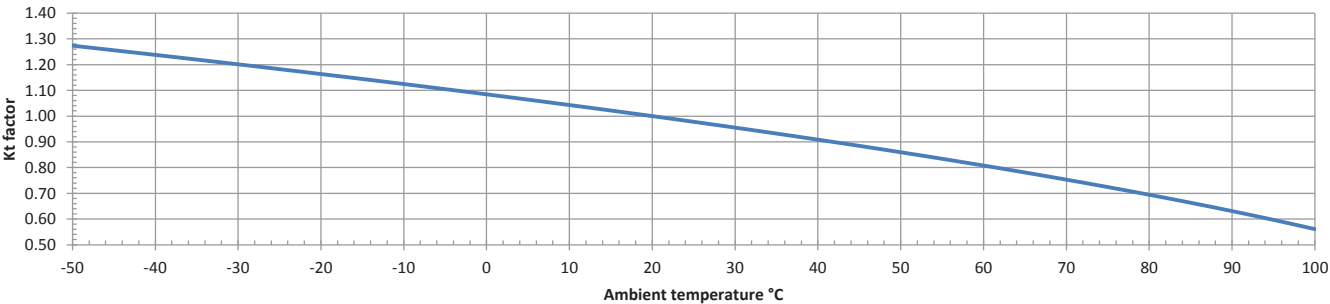


Cut-off characteristics

Peak let through current (I<sub>peak</sub>) vs. Prospective Short Circuit Current in SYMM. RMS value, 50Hz / p.f. > 0.15



Ambient temperature derating curve K<sub>t</sub>



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