

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./500 V d.c.
- Rated current: 4 to 32 A
- Breaking capacity: 200 kA a.c./ 50 kA d.c.
- Class of operation: gR

Standards/Approvals

- IEC 60269-4
- UL 248-13

Packaging

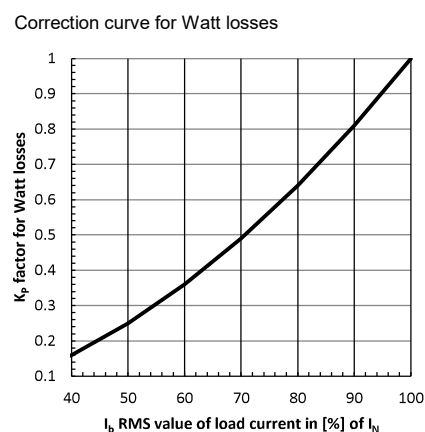
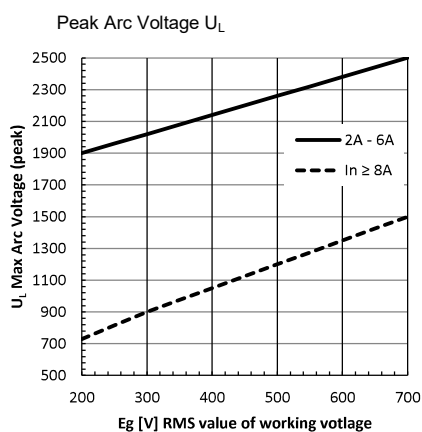
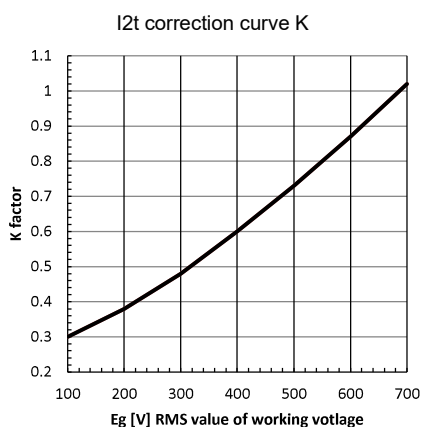
- MOQ: 10

Table 1. Technical Data

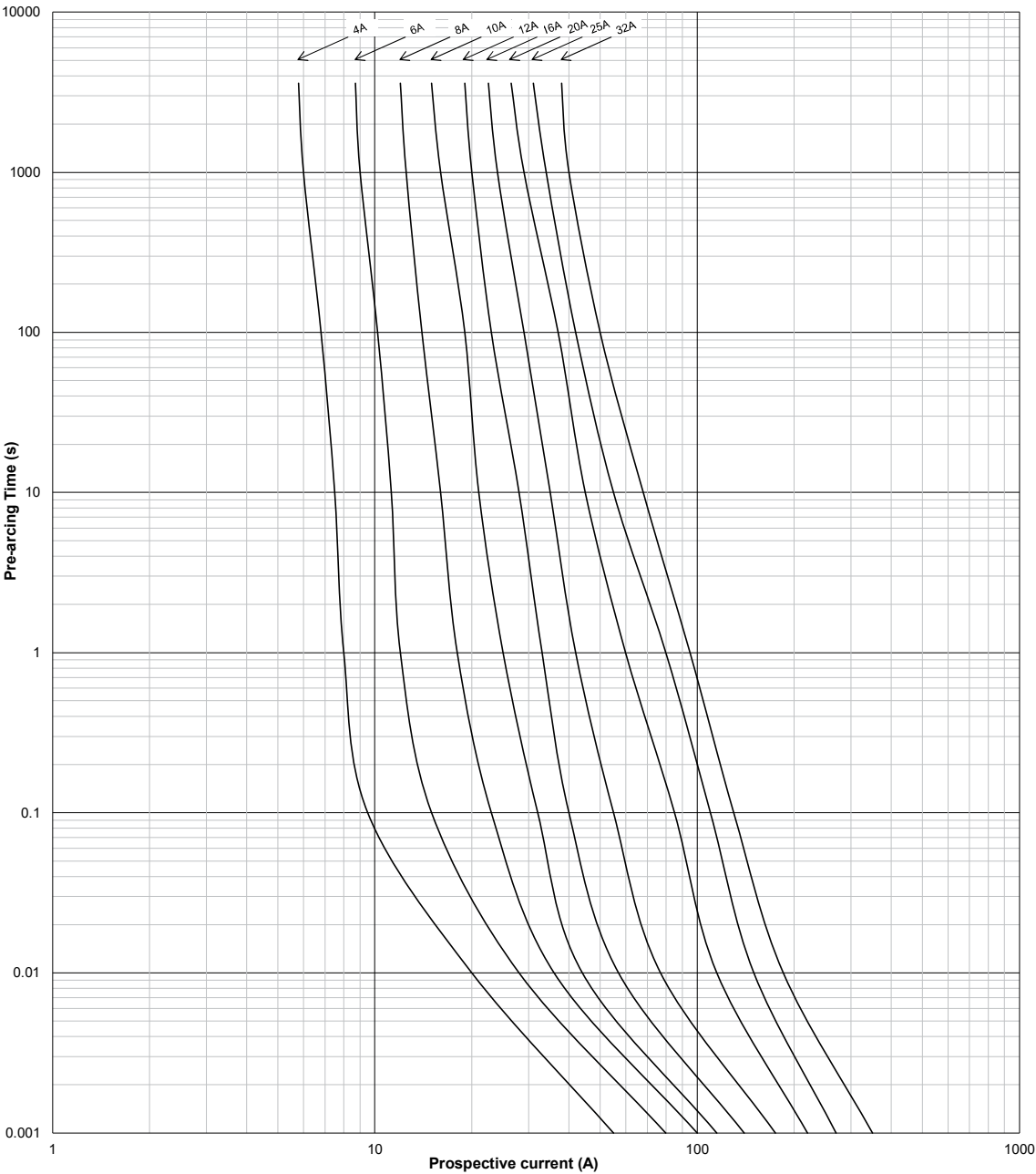
Catalogue number	Rated current (A)	Rated voltage	Pre-arcing I ² t	Total I ² t at 690 V a.c.	Power loss at 80% I _n (W)	Power loss at I _n (W)
FWP-4G10F	4	690 V a.c./500 V d.c.	5.6	17	1.13	2.05
FWP-6G10F	6	690 V a.c./500 V d.c.	16	48	1.56	3
FWP-8G10F	8	690 V a.c./500 V d.c.	4.3	38	0.97	1.68
FWP-10G10F	10	690 V a.c./500 V d.c.	6.6	59	1.20	2.09
FWP-12G10F	12	690 V a.c./500 V d.c.	9.6	84	1.69	2.99
FWP-16G10F	16	690 V a.c./500 V d.c.	17	150	2.31	4.27
FWP-20G10F	20	690 V a.c./500 V d.c.	23.5	200	2.86	5.35
FWP-25G10F	25	690 V a.c./500 V d.c.	60.2	512	2.94	5.52
FWP-32G10F	32*	690 V a.c./500 V d.c.	94	800	3.82	7.43

* Rated current 32 A with 25mm² conductors, derate to 27 A with 6mm² conductors

Correction curves

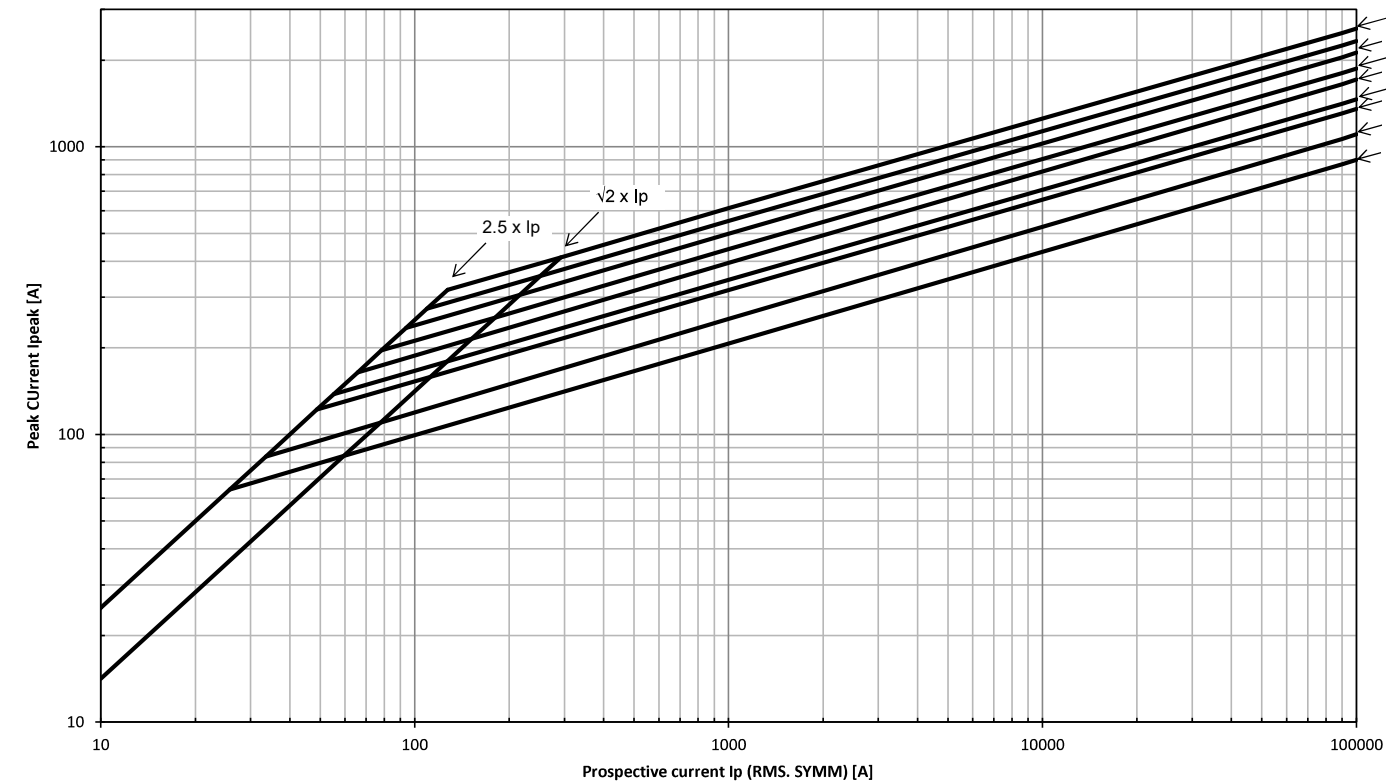


Time-current curve

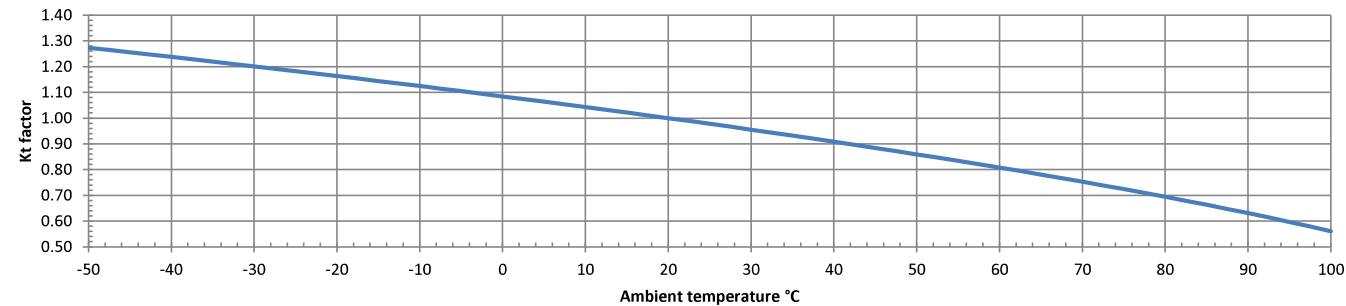


Cut-off characteristics

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



Ambient temperature derating curve K_t



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