22 x 58 mm gR cylindrical fuse links

Product description

Eaton's Bussmann® series 22 x 58 mm cylindrical class gR fuse links are used to protect AC/DC drives and semi conductors.

Standard features

- Compact design
- Available with or without indicator
- Compatible with Eaton's Bussmann series CH modular fuse holders (data sheet number 10115)

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Catalogue symbol

- FWP-(amp)G22F without indicator
- FWP-(amp)G22FI with indicator

Fuse link size

- 22 x 58 mm

Technical data

- Rated voltage: 690 V a.c./ 500 V d.c.
- Rated current: 20 to 100 A
- Breaking capacity: 200 kA a.c./50 kA d.c.
- Class of operation: gR
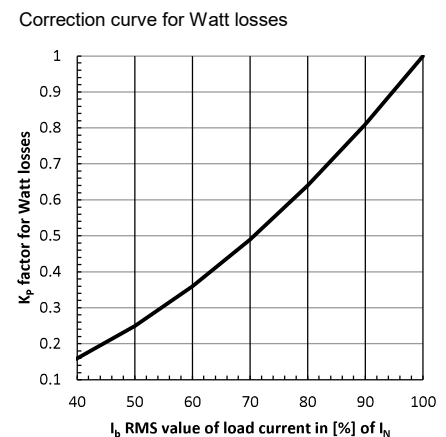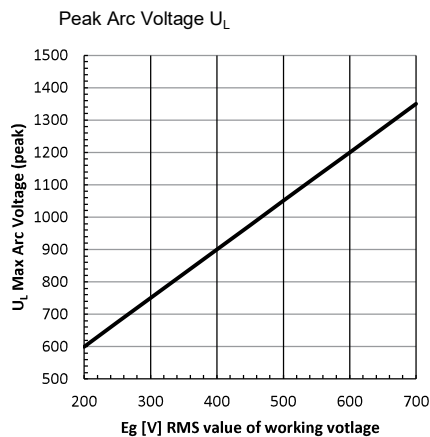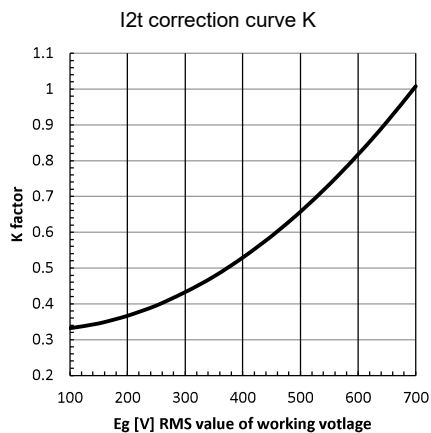
Standards/Approvals
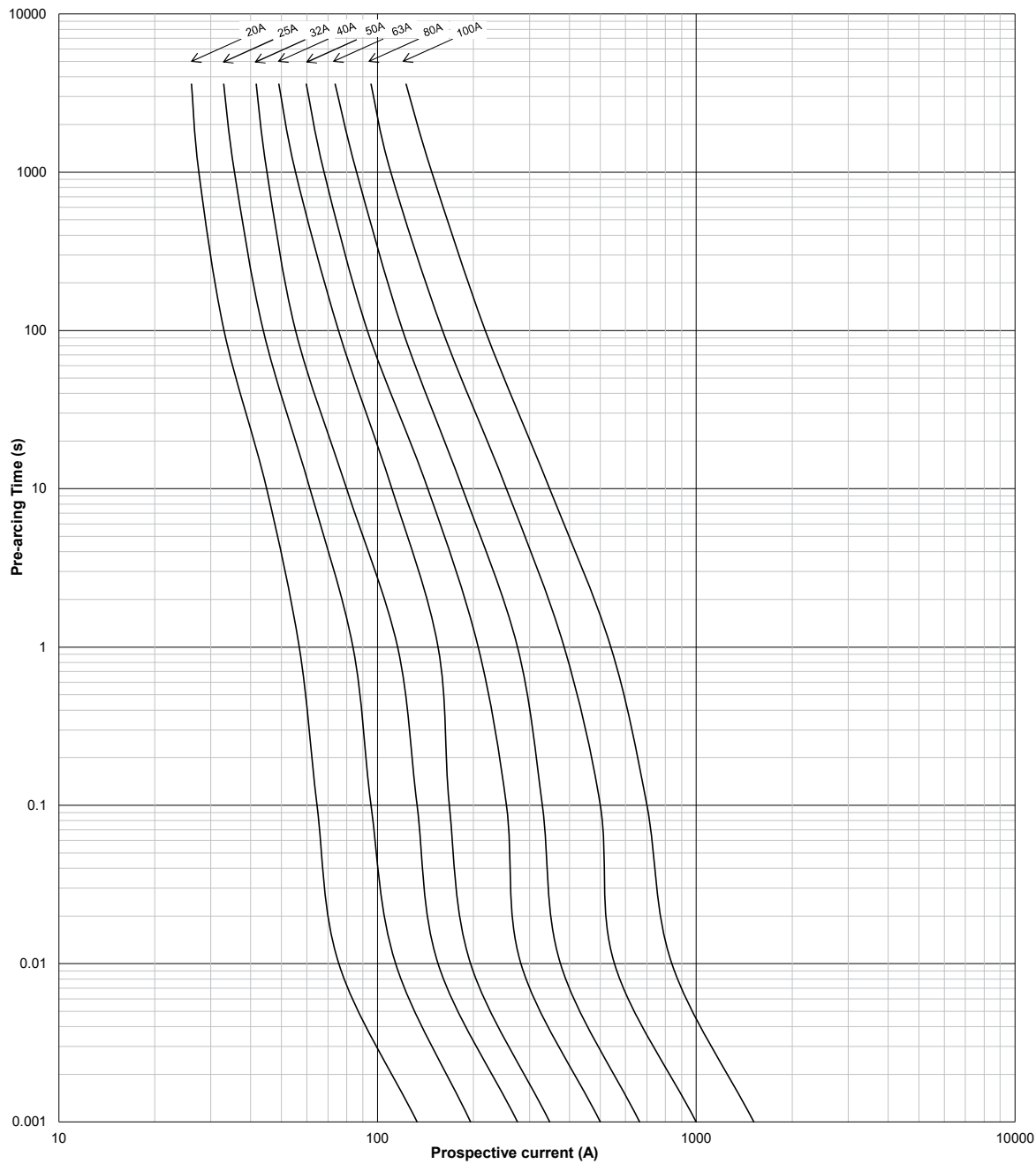
- IEC 60269-4
- UL 248-13

Packaging

- MOQ: 10

Table 1. Technical Data

Catalogue number without indicator	Catalogue number with indicator	Rated current (A)	Rated voltage	Pre-arcing I^2t	Total I^2t at 690 V a.c.	Power loss at 80% I_n (W)	Power loss at I_n (W)
FWP-20G22F	FWP-20G22FI	20	690 V a.c./500 V d.c.	24	154	3.23	6.00
FWP-25G22F	FWP-25G22FI	25	690 V a.c./500 V d.c.	43	274	3.66	6.65
FWP-32G22F	FWP-32G22FI	32	690 V a.c./500 V d.c.	97	616	4.86	9.21
FWP-40G22F	FWP-40G22FI	40	690 V a.c./500 V d.c.	180	899	4.50	8.24
FWP-50G22F	FWP-50G22FI	50	690 V a.c./500 V d.c.	273	1362	6.26	11.85
FWP-63G22F	FWP-63G22FI	63	690 V a.c./500 V d.c.	516	2575	7.35	13.80
FWP-80G22F	FWP-80G22FI	80	690 V a.c./500 V d.c.	1092	5448	8.40	14.00
FWP-100G22F	FWP-100G22FI	100	690 V a.c./500 V d.c.	2065	10,300	9.40	17.70

Correction curves

I2t correction curve K

Peak Arc Voltage U_L

Correction curve for Watt losses

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Time-current curve

Cut-off characteristics

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

Peak CUrrent Ipeak [A]

2.5 x Ip

√2 x Ip

100A
80A
63A
50A
40A
32A
25A
20A

Prospective current Ip (RMS. SYMM) [A]
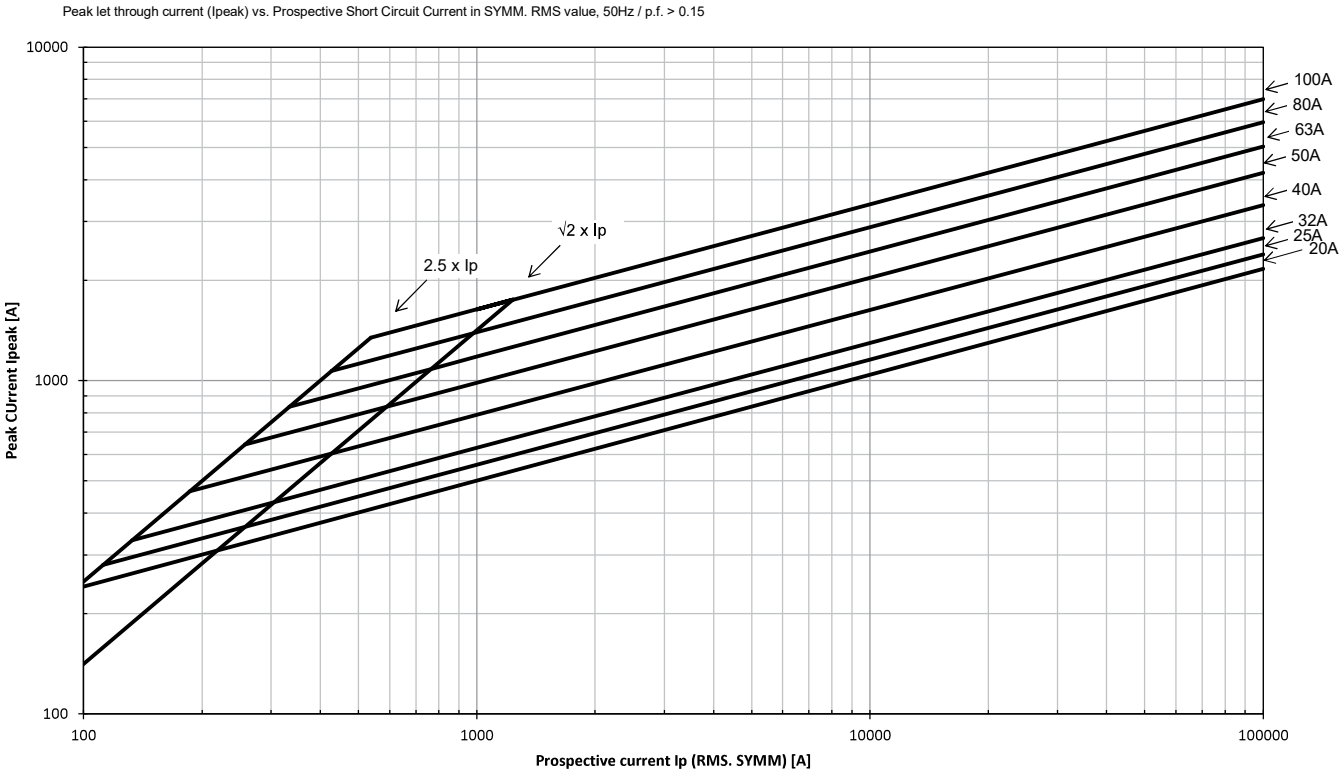
Ambient temperature derating curve Kt

Kt factor

Ambient temperature °C

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