Cylinder Fuses

Altech Corp.®

Cylinder Fuses are typically used in industrial applications to protect electrical devices such as motors, drives, etc.

They are available in four sizes with a current range from 1 to 100 Amps. Cylinder Fuses have metal caps at both ends, and a porcelain fuse body.

Please refer to the last page for information on our Cylinder Fuse Holders.

Operating Class

Gl / gL / gG - Line Protection
Slow Blow, typically used for power distribution and resistive loads.

Typical Markings: gL, gG
Black imprint.

AM - Motor Protection

Fast acting short circuit protection, but slow acting overload protection.

Typical Marking: aM
Green imprint.

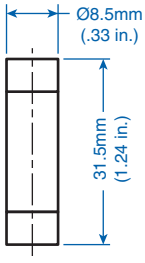
Breaking Capacity

C8 x 32	50kA
C10 x 38	100kA
C14 x 51	80kA (2-25A)
	120kA (32-50A)
C22 x 58	80kA (16-40A)
	80kA (50-AM)
	12kA (50-100A)
Contact Material	CuZn28, gal.Ag

Safety Standards
IEC 60269-1
IEC 602-2

8 x 32

Ordering Information	Current/ Voltage	Cat. No.	Std. Pk.
Slow Blow - Operating Class Gl / gL / gG Line Protection	1/400V AC	**1C8x32Gl**	10
	2/400V AC	**2C8x32Gl**	10
	4/400V AC	**4C8x32Gl**	10
	6/400V AC	**6C8x32Gl**	10
	8/400V AC	**8C8x32Gl**	10
	10/400V AC	**10C8x32Gl**	10
	12/400V AC	**12C8x32Gl**	10
	16/400V AC	**16C8x32Gl**	10
	20/400V AC	**20C8x32Gl**	10
	25/400V AC	**25C8x32Gl**	10
	Weight: 4 g each		
Fast Blow - Operating Class aM Motor Protection	1/400V AC	**1C8x32AM**	10
	2/400V AC	**2C8x32AM**	10
	4/400V AC	**4C8x32AM**	10
	6/400V AC	**6C8x32AM**	10
	8/400V AC	**8C8x32AM**	10
	10/400V AC	**10C8x32AM**	10
	12/400V AC	**12C8x32AM**	10
	16/400V AC	**16C8x32AM**	10
	20/400V AC	**20C8x32AM**	10
	25/400V AC	**25C8x32AM**	10
	Weight: 4 g each		



Dimensions to NFC 61200, NFC 63210, NFC 63211 *(NFC = French Standard)*

* Selected fuse are also available with Striker Pin. When ordering Fuse with Striker Pin, designate suffix "/IS" after the Cat. No. (Ex. 2C14x51Gl/IS). Contact Altech for more information.

10 x 38

Current/ Voltage	Cat. No.	Std. Pk.
0.5/500V AC	**0.5C10x38GI**	10
1/500V AC	**1C10x38GI**	10
2/500V AC	**2C10x38GI**	10
4/500V AC	**4C10x38GI**	10
6/500V AC	**6C10x38GI**	10
8/500V AC	**8C10x38GI**	10
10/500V AC	**10C10x38GI**	10
12/500V AC	**12C10x38GI**	10
16/500V AC	**16C10x38GI**	10
20/400V AC	**20C10x38GI**	10
25/400V AC	**25C10x38GI**	10
32/400V AC	**32C10x38GI**	10

Weight: 7.5 g each

Current/ Voltage	Cat. No.	Std. Pk.
0.5/500V AC	**0.5C10x38AM**	10
1/500V AC	**1C10x38AM**	10
2/500V AC	**2C10x38AM**	10
4/500V AC	**4C10x38AM**	10
6/500V AC	**6C10x38AM**	10
8/500V AC	**8C10x38AM**	10
10/500V AC	**10C10x38AM**	10
12/500V AC	**12C10x38AM**	10
16/500V AC	**16C10x38AM**	10
20/400V AC	**20C10x38AM**	10
25/400V AC	**25C10x38AM**	10
32/400V AC	**32C10x38AM**	10

Weight: 7.5 g each

14 x 51

Current/ Voltage	Cat. No.	Std. Pk.
2/690V AC	**2C14x51GI** *	10
4/690V AC	**4C14x51GI** *	10
6/690V AC	**6C14x51GI** *	10
8/690V AC	**8C14x51GI** *	10
10/690V AC	**10C14x51GI** *	10
12/690V AC	**12C14x51GI** *	10
16/690V AC	**16C14x51GI** *	10
20/690V AC	**20C14x51GI** *	10
25/690V AC	**25C14x51GI** *	10
32/500V AC	**32C14x51GI**	10
40/500V AC	**40C14x51GI**	10
50/500V AC	**50C14x51GI**	10

Weight: 19 g each

Current/ Voltage	Cat. No.	Std. Pk.
1/660V AC	**1C14x51AM**	10
2/690V AC	**2C14x51AM** *	10
4/690V AC	**4C14x51AM** *	10
6/690V AC	**6C14x51AM** *	10
8/690V AC	**8C14x51AM** *	10
10/690V AC	**10C14x51AM** *	10
12/690V AC	**12C14x51AM** *	10
16/690V AC	**16C14x51AM** *	10
20/690V AC	**20C14x51AM** *	10
25/690V AC	**25C14x51AM** *	10
32/500V AC	**32C14x51AM**	10
40/500V AC	**40C14x51AM**	10
50/500V AC	**50C14x51AM**	10

Weight: 19 g each

**Also available with striker pin.*

22 x 58

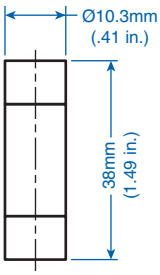
Current/ Voltage	Cat. No.	Std. Pk.
6/660V AC	**6C22x58GI** **	10
8/660V AC	**8C22x58GI** **	10
10/660V AC	**10C22x58GI** **	10
12/660V AC	**12C22x58GI** **	10
16/690V AC	**16C22x58GI** *	10
20/690V AC	**20C22x58GI** *	10
25/690V AC	**25C22x58GI** *	10
32/690V AC	**32C22x58GI** *	10
40/690V AC	**40C22x58GI** *	10
50/500V AC	**50C22x58GI** *	10
63/500V AC	**63C22x58GI** *	10
80/500V AC	**80C22x58GI** *	10
100/500V AC	**100C22x58GI** *	10

Weight: 51 g each

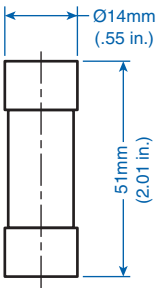
Current/ Voltage	Cat. No.	Std. Pk.
6/660V AC	**6C22x58AM** **	10
8/660V AC	**8C22x58AM** **	10
10/660V AC	**10C22x58AM** **	10
12/660V AC	**12C22x58AM** **	10
16/690V AC	**16C22x58AM** *	10
20/690V AC	**20C22x58AM** *	10
25/690V AC	**25C22x58AM** *	10
32/690V AC	**32C22x58AM** *	10
40/690V AC	**40C22x58AM** *	10
50/690V AC	**50C22x58AM** *	10
63/690V AC	**63C22x58AM** *	10
80/500V AC	**80C22x58AM** *	10
100/500V AC	**100C22x58AM** *	10

Weight: 51 g each

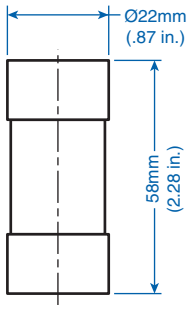
* *Also available with striker pin.*
** *Only with striker pin.*



Dimensions to NFC 60200, NFC 63210, NFC 63211 *(NFC = French Standard)*



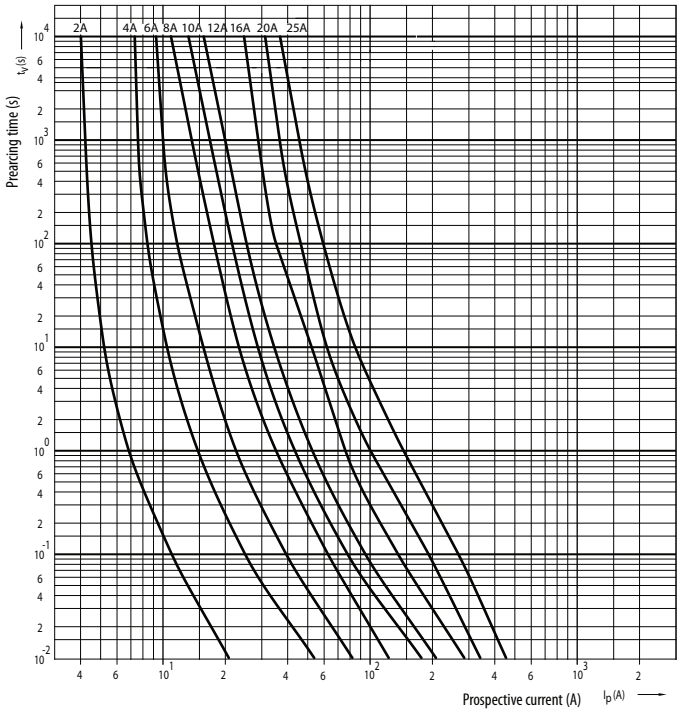
Dimensions to NFC 60200, NFC 63210, NFC 63211 *(NFC = French Standard)*



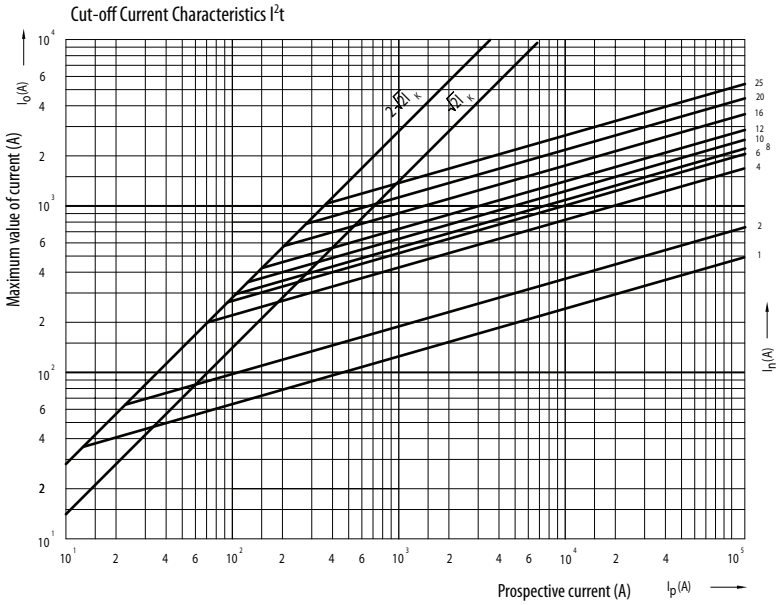
Dimensions to NFC 60200, NFC 63210, NFC 63211 *(NFC = French Standard)*

Technical Data for GI / gL / gG Type, C8 x 32

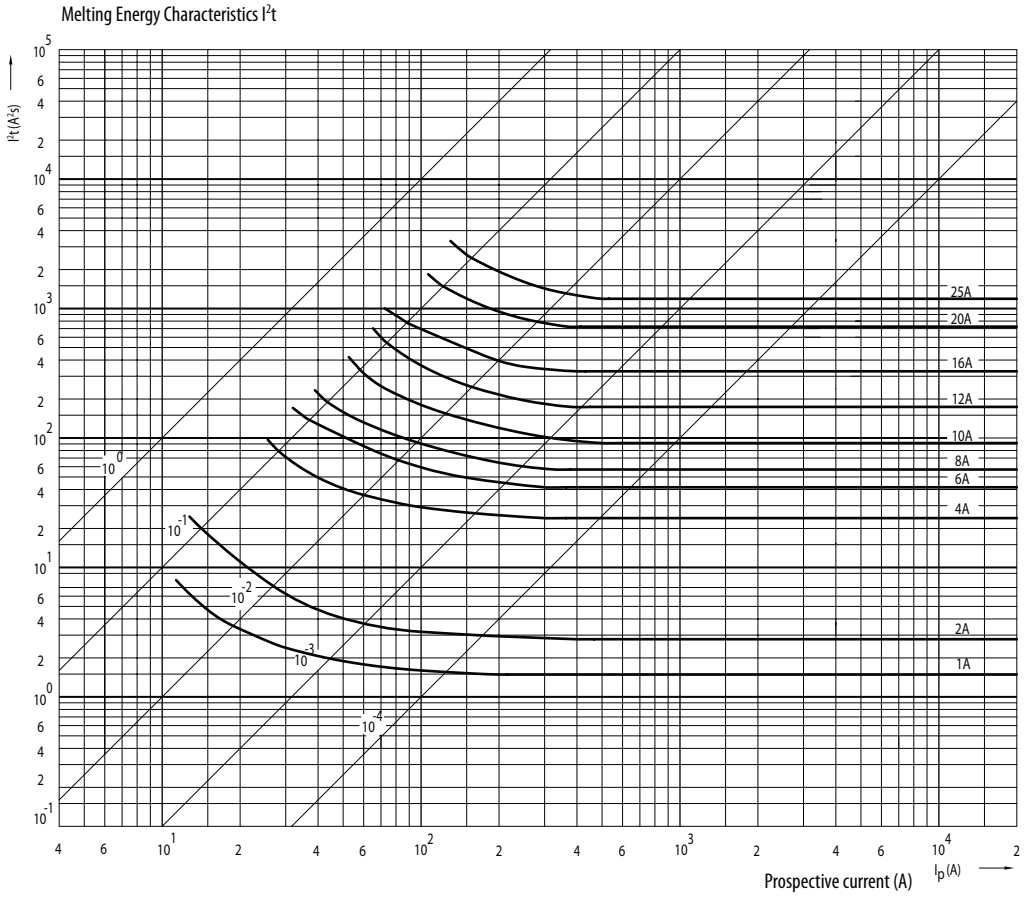
Time Current Characteristics I/t



Cut-off Current Characteristics I^2t

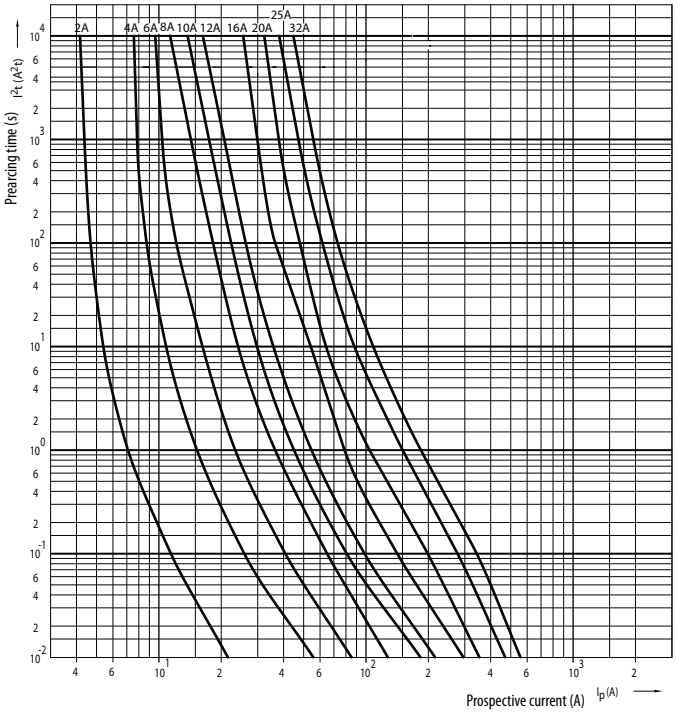


Melting Energy Characteristics I^2t

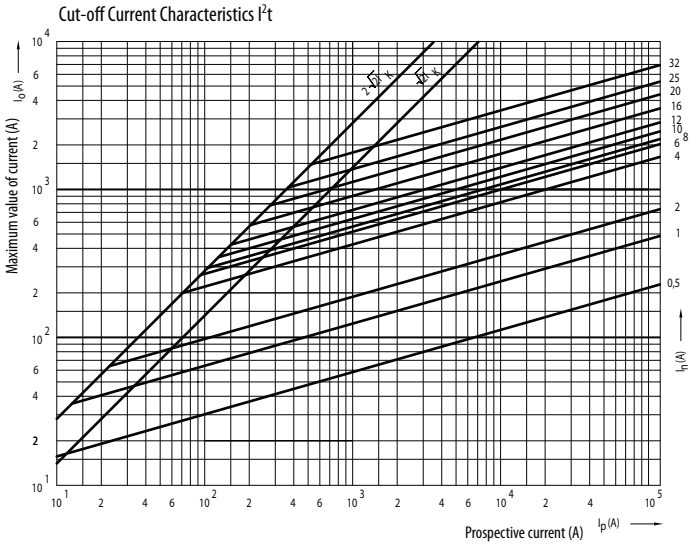


Technical Data for GI / gL / gG Type, C10 x 38

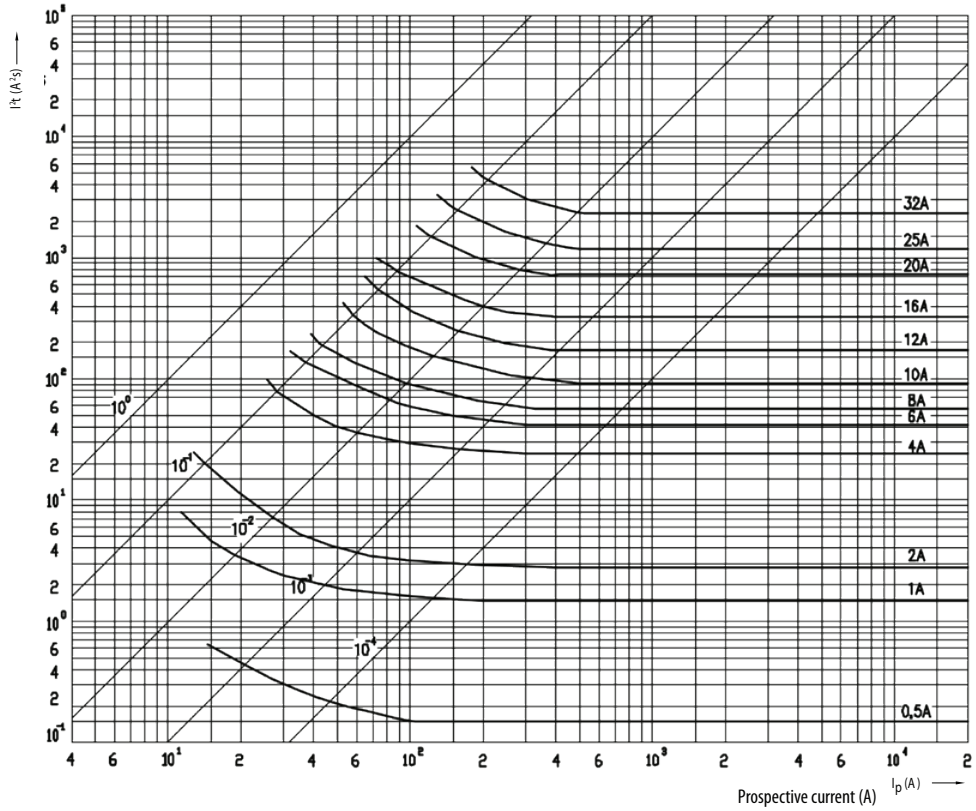
Time Current Characteristics I/t



Cut-off Current Characteristics I^2t

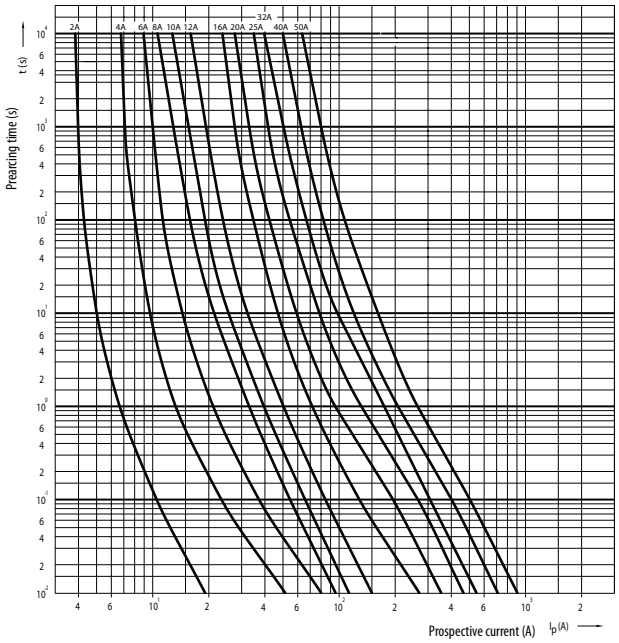


Melting Energy Characteristics I^2t

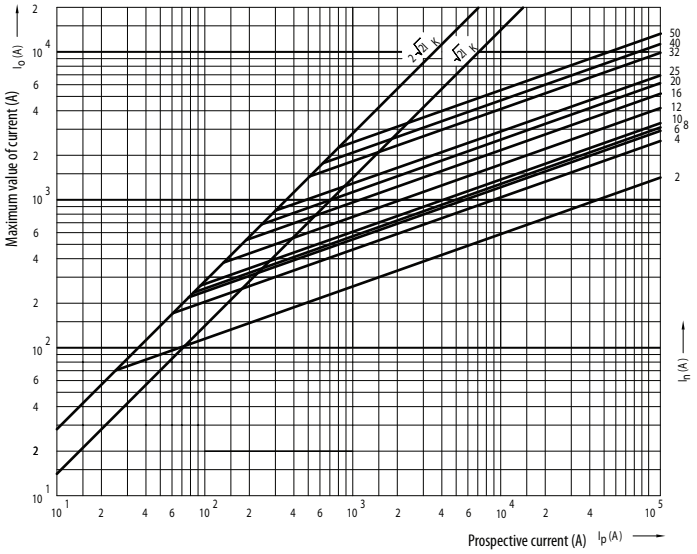


Technical Data for GI / gL / gG Type, C14 x 51

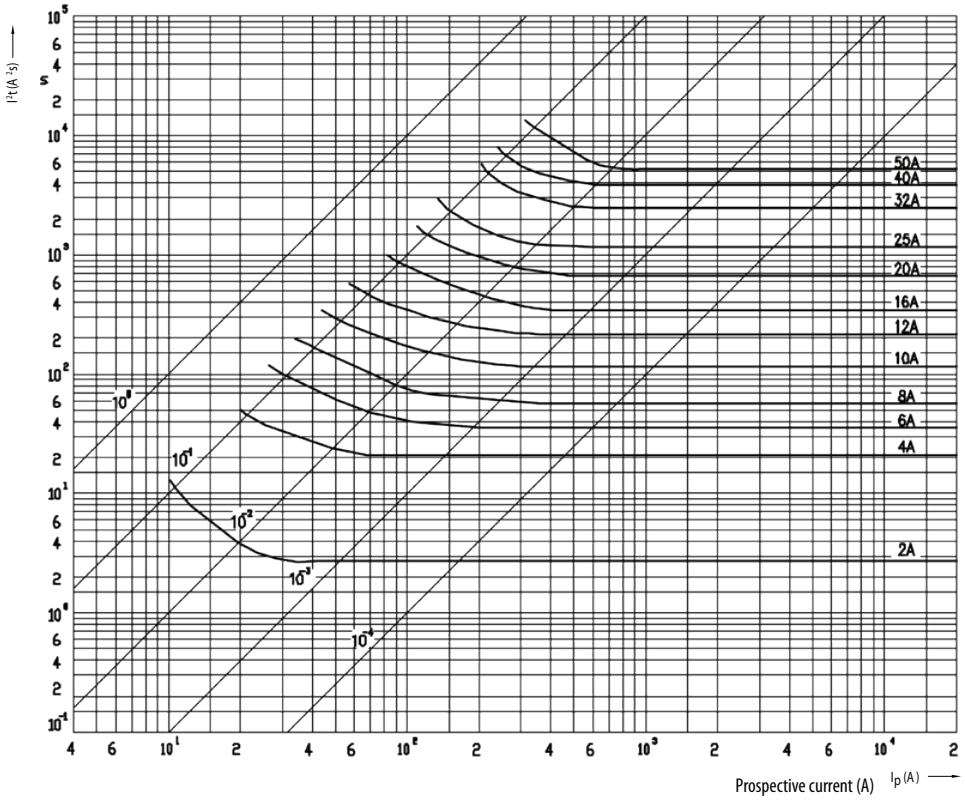
Time Current Characteristics I/t



Cut-off Current Characteristics I/t

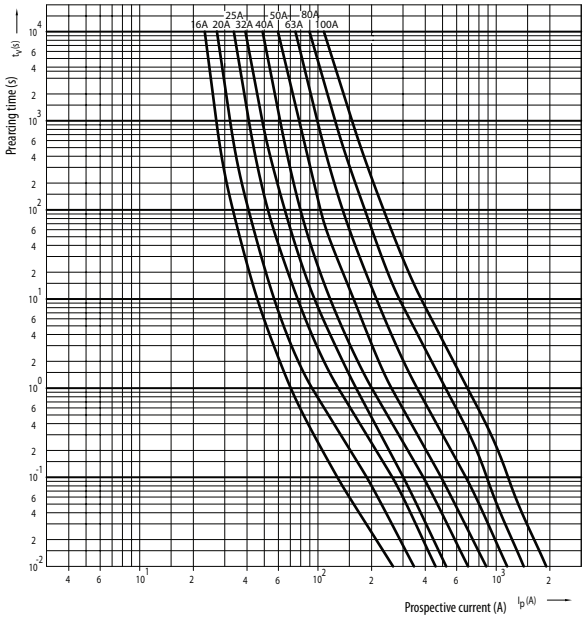


Melting Energy Characteristics I^2t

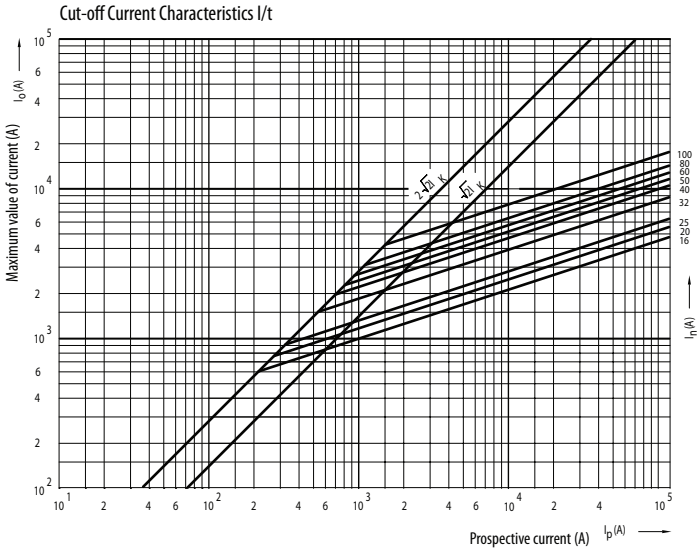


Technical Data for GI / gL / gG Type, C22 x 58

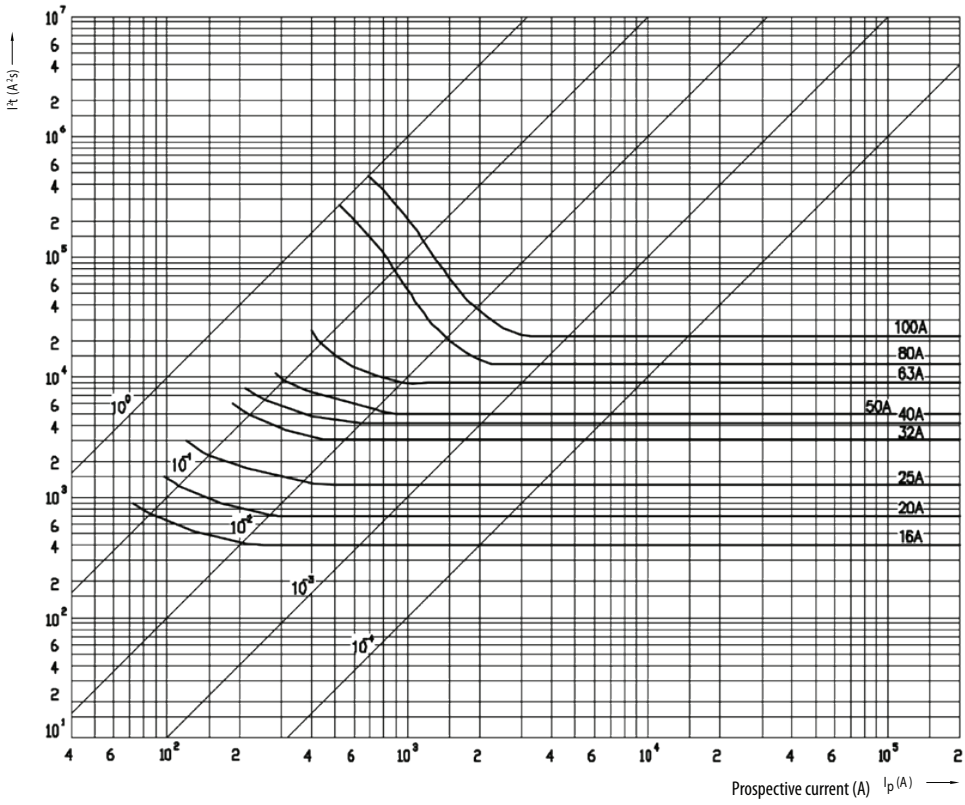
Time Current Characteristics I/t



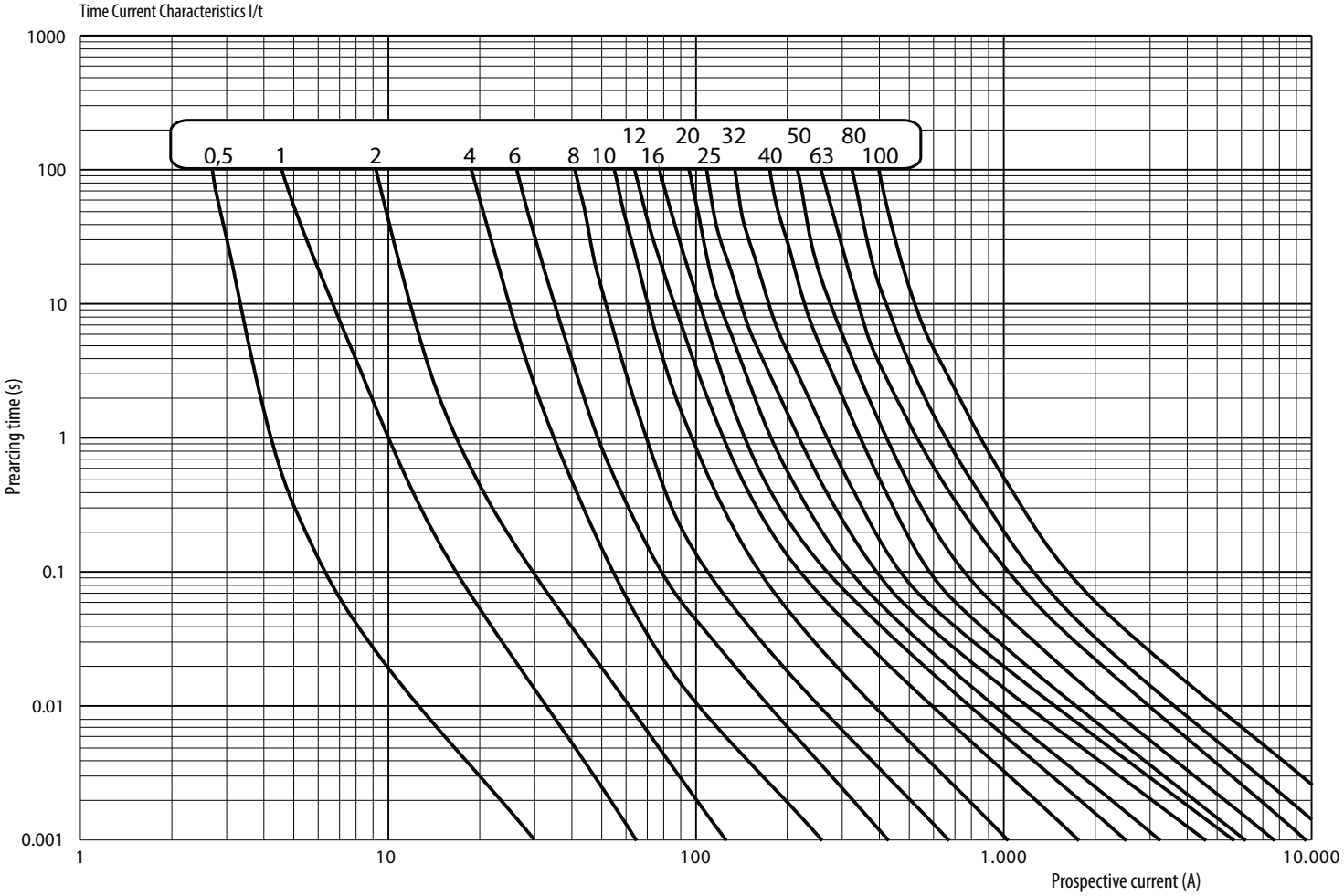
Cut-off Current Characteristics I/t



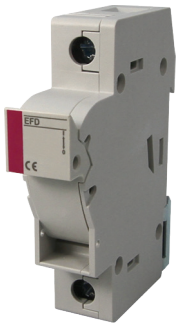
Melting Energy Characteristics I^2t



Technical Data for AM Type: C8 x 32, C10 x 38, C14 x 51, C22 x 58



A Broad Selection of Fuse Holders

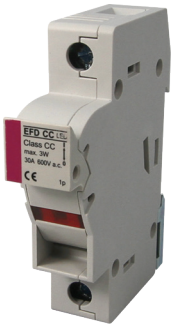


10x38 Midget

- UL Rating: 30A; 600V AC/DC
- IEC Rating: 32A; 690V AC/DC
- Pole configuration: 1; 1+N ; 2, 3, 3+N
- SCR rating: 200KA max.
- Indication: Optional blown fuse LED
- Fuse class: Supplemental
- Fuse size: 10x38 mm (13/32" x 1-1/2")

PV Type

- UL Rating: 25A / 50A; 1000VDC
- IEC Rating: 25A / 50A; 1000VDC
- Pole configuration: 1 and 2 poles
- SCR rating: 30KA (IEC) / 10KA (UL).
- Indication: Optional blown fuse LED
- Fuse class: PV protection
- Fuse size: 10x38 / 14x51 mm



CC Type & J Type

- UL Rating: 30A; 600V AC/DC
- Pole configuration: 1 ; 2, 3 poles
- SCR rating: 200KA max.
- Indication: Optional blown fuse LED
- Fuse class: Branch circuit
- Fuse size: CC Type / J type

IEC Type

- UL Rating: 100A; 600V AC/DC
- IEC Rating: 100A; 690V AC/DC
- Pole configuration: 1; 1+N ; 2, 3, 3+N
- SCR rating: 100KA / 200KA max.
- Indication: Optional blown fuse LED
- Fuse class: Supplemental
- Fuse size: 22x58 / 14x51 mm