

High Current Fuses

BF2 Fuses Rated 58V

This BF2 fuse is rated at 58V and offers a bolt-on fuse for high current wiring protection. Current rating 100A - 300A; with transparent housing material for easy detection of blown fuses.

Specifications

Housing Material:	PET-GF30
Clear Housing Material:	PES
Terminal:	Copper alloy, gal. Sn 2 x M8 bolts, Distance 51 mm
Mounting Torque:	12.0 Nm +/- 1Nm
Breaking Capacity:	1000A, 58V DC
Complies with:	ISO 8820-5, UL 248 Special Purpose Fuses



BF2 Fuses



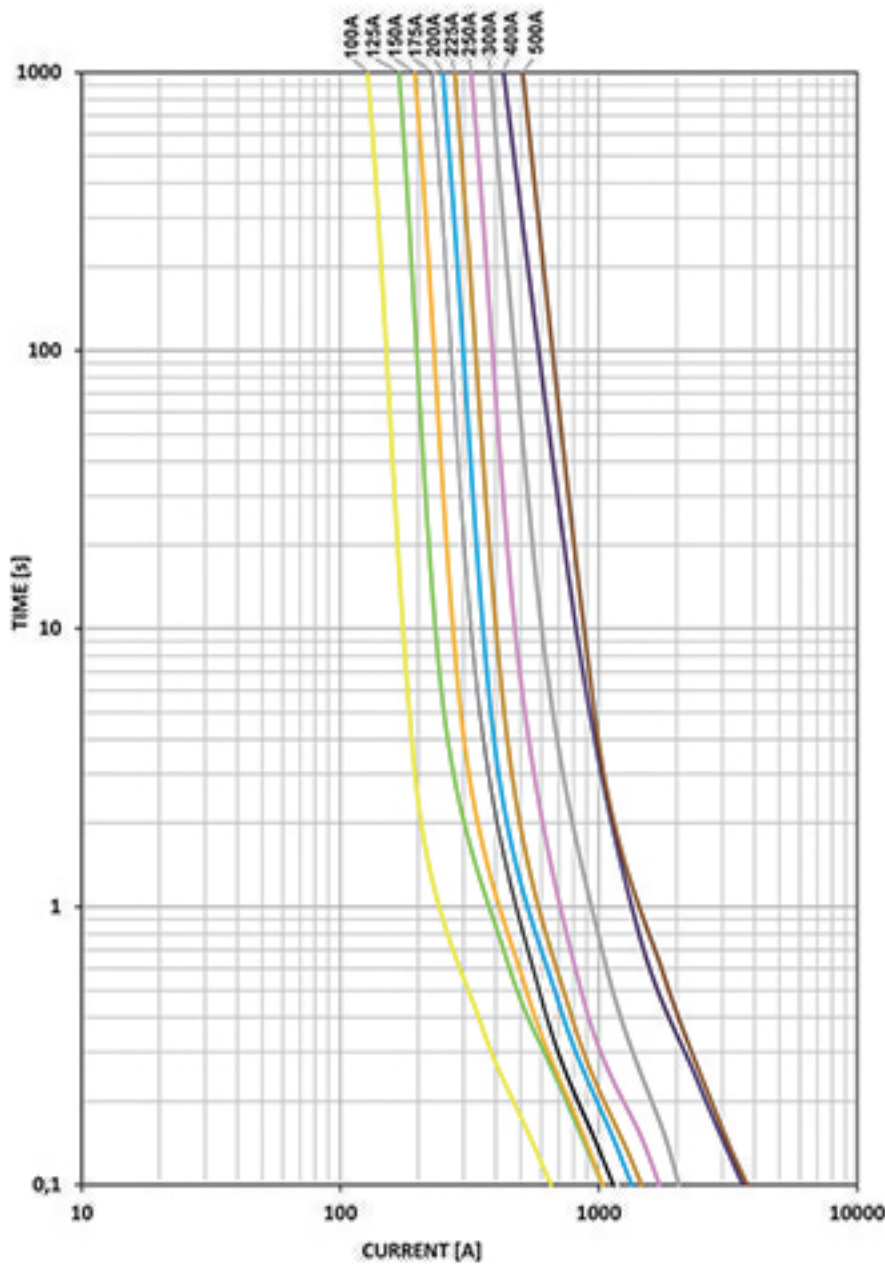
Ordering Information

Part Number	Package Size
142.5395.xxxx	200

Time Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	100A - 250A	300A
75	- / -	- / -
100	4 h / -	4 h / -
135	120 s / 1,800 s	- / -
200	1 s / 15 s	1 s / 15 s
350	0.300 s / 5 s	0.500 s / 5 s
600	0.100 s / 1 s	0.100 s / 1 s

Time-Current Characteristic Curves



100A-300A: $F_L=1,25$ (max. operating current: $0,8 \times I_{rat}$ at 23°C)
400A-500A: $F_L=2,00$ (max. operating current: $0,5 \times I_{rat}$ at 23°C)

Ratings

Part Number	Current Rating (A)	Housing Color	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	I ² t (A ² s)
142.5395.6102	100	Yellow	110	0.70	46,800
142.5395.6122	125	Green	110	0.52	118,100
142.5395.6152	150	Orange	110	0.42	113,400
142.5395.6172	175	White	110	0.36	154,400
142.5395.6202	200	Blue	110	0.34	288,000
142.5395.6222	225	Brown	110	0.29	236,000
142.5395.6252	250	Pink	110	0.25	292,500
142.5395.6302 ¹	300	Grey	110	0.21	486,000

Dimensions

Dimensions in mm

