

BF2 FUSE RATED 32V



Specifications

Housing Material:	Heat Resistant 94-V0 Thermoplastic Visible melting element
Terminal:	Copper alloy, gal. Sn 2 x M8 bolts, Distance 51 mm
Mounting Torque:	12.0 Nm +/- 1Nm
Breaking Capacity:	100 A - 300 A: 2.000 A, 32V, DC 400 A - 500 A: 1.500 A, 32V, DC
Complies with:	ISO 8820-5 UL 248 Special Purpose Fuses

Ordering Information

Part Number	Package Size
153.5395.xxxx	200

Description

This BF2 fuse is rated at 32V and offers a bolt-on fuse for high current wiring protection. Current rating 100A - 500A; with transparent housing material for easy detection of blown fuses.

Time Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	100A - 250A	300A - 500A
75	- / -	4 h / -
100	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

Ratings

Part Number	Current Rating	Housing Color	Typ. Voltage Drop	Cold Resistance	I ² t
153.5395.610_	100 A	Yellow	110 mV	0.70 mΩ	46,800 A²s
153.5395.612_	125 A	Green	110 mV	0.52 mΩ	118,100 A²s
153.5395.615_	150 A	Orange	110 mV	0.42 mΩ	113,400 A²s
153.5395.617_	175 A	White	110 mV	0.36 mΩ	154,400 A²s
153.5395.620_	200 A	Blue	110 mV	0.34 mΩ	288,000 A²s
153.5395.622_	225 A	Brown	110 mV	0.29 mΩ	236,000 A²s
153.5395.625_	250 A	Pink	110 mV	0.25 mΩ	292,500 A²s
153.5395.630_*	300 A	Grey	110 mV	0.21 mΩ	486,000 A²s
153.5395.640_*	400 A	Purple	110 mV	0.13 mΩ	964,000 A²s
153.5395.650_*	500 A	Red	110 mV	0.12 mΩ	1,449,000 A²s

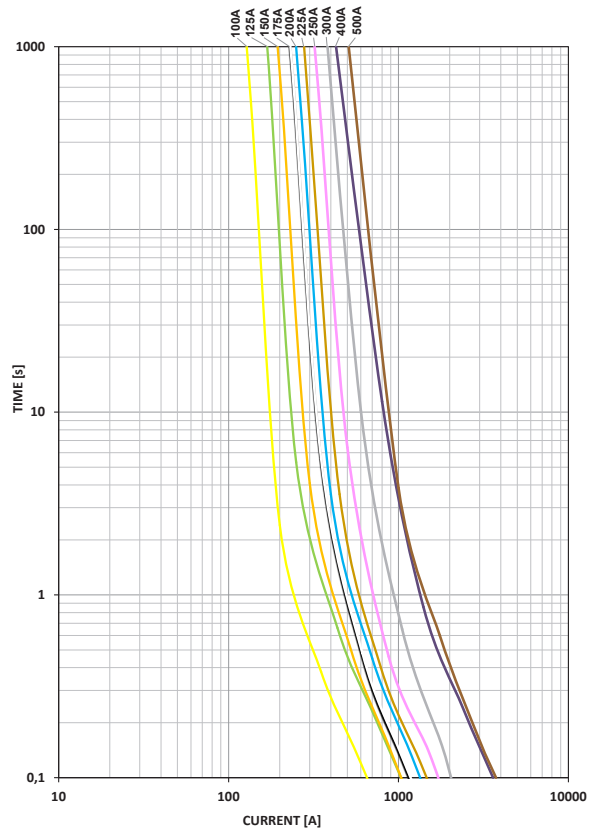
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Corresponding holder see Section "Fuse Holders."

* Parts with asterisk are short circuit protectors only.

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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)

Dimensions

Dimensions in mm

