

BF-Inline Fuse Rated 32V

RoHS


Inline fuse to protect specific cable cross-sections and insulations; Cross-section 10mm² to 35mm². For rated voltage up to 32 VDC.

In-Line- (Kabel-) Sicherung für bestimmte Kabelquerschnitte und Isolationsstärken. Querschnitt von 10 bis 35 mm², Nennspannung bis 32 VDC.

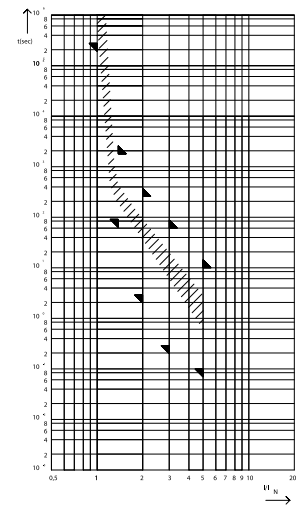
Assembly notes: The wire integrated fuse has to be insulated by using a self-adhesive shrinking tube. The wire has to be fixed on both sides of the fuse to minimize the wire forces. Recommended shrinking tube: DERAY(R)-IAKT 4:1, 24mm

Specifications

Voltage Rating: 32 VDC
Housing: Out of thermoplastic heat-resistant
Terminals: Crimp, Copper alloy, tinned
Interrupting Rating: 2000A @32VDC
Packaging:

Series Serien	Pack Size
153.xxxx	300

Pre-arcing time - limits / Schmelzeit-Grenzwerte



$I = 1,25$ (max. operating current:
 $0,8 \times I_{rat}$ at 23°C)

Time-Current Characteristics / Schmelzeit-Grenzwerte

% of Rating % des Nennstromes	Opening Time Min / Max (s) Schmelzcharakteristik Min / Max (s)	
100	360,000 s	—
150	90 s	1800 s
200	3 s	240 s
300	0.3 s	60 s
500	0.1 s	10 s

Part Number Artikel-Nr.	Current Rating Nennstrom	Wire Size/Type/Marking Drahtdurchmesser/Typ/Bedruckung	Typ. Voltage Drop Typ. Spannungsfall	Cold Resistance Kaltwiderstand	I ² t
153.1002	100 A	10mm ² /FLY/P	60 mV	0.42 mΩ	26.000 A ² s
153.1012	125 A	10mm ² /FL2G/S	70 mV	0.32 mΩ	86.000 A ² s
153.1602	125 A	16mm ² /FLY/P	75 mV	0.41 mΩ	28.000 A ² s
153.1612	170 A	16mm ² /FL2G/S	60 mV	0.22 mΩ	250.000 A ² s
153.2502	170 A	25mm ² /FLY/P	70 mV	0.29 mΩ	75.000 A ² s
153.2512	190 A	25mm ² /FL2G/S	52 mV	0.18mΩ	610.000 A ² s
153.3502	300 A	35mm ² /FLY/P	70 mV	0.20 mΩ	589.500 A ² s