

BF-INLINE FUSE RATED 32V

RoHS



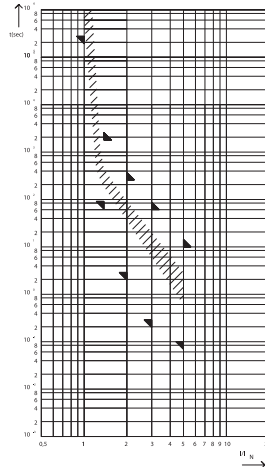
Description

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

Pre-Arcing Time-Limits

FI = 1,25 (max. operating current: 0,8 x I_{rat} at 23°C)



Ratings

Part Number	Current Rating	Wire Size/Type/Marking	Typ. Voltage Drop	Cold Resistance	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

Specifications

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

Ordering Information

Part Number	Package Size
153.xxxx	300

Time-Current Characteristics 100A-190A

% of Rating	Opening Time Min / Max (s)	
100	360,000 s	–
165	10 s	100 s
200	3 s	240 s
300	0.3 s	60 s
500	0.1 s	10 s

Time-Current Characteristics 300A

% of Rating	Opening Time Min / Max (s)	
75	360,000 s	–
165	10 s	100 s
200	1 s	15 s
350	0.3 s	5 s
500	0.1 s	1 s