

BF-Inline Fuse Rated 32V

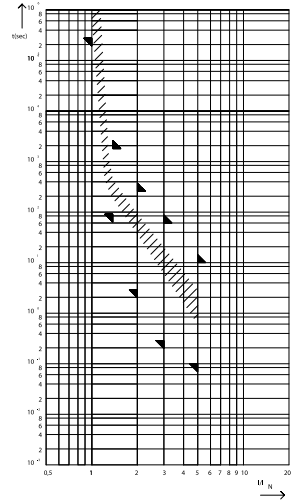
RoHS



Specifications

Voltage Rating: 32 VDC
Housing: Out of thermoplastic heat-resistant
Connections: Crimp, Copper alloy, tinned
Breaking capacity: 2.000A, 32V, DC

Pre-arcing time - limits / Schmelzeit-Grenzwerte



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.

$I_f = 1,25$ (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)
110	100 h /
150	90 s / 1.800 s
200	3 s / 240 s
300	300 ms / 60 s
500	100 ms / 10 s

Part Number Artikel-Nr.	Current Rating Nennstrom	Typ. Voltage Drop Typ. Spannungsfall	Cold Resistance Kaltwiderstand	I ² t
153.1002	100 A	60 mV	0,42 mΩ	26.000 A ² s
153.1012	125 A	70 mV	0,32 mΩ	86.000 A ² s
153.1612	170 A	60 mV	0,22 mΩ	250.000 A ² s
153.2512	190 A	52 mV	0,18 mΩ	610.000 A ² s
153.1602	125 A	75 mV	0,41 mΩ	28,000 A ² s
153.2502	170 A	70 mV	0,29 mΩ	75,000 A ² s
153.3502	—	in development	in development	in development

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