



BF-Inline Fuse Rated 32V

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

Specifications

| | |
|------------------------------|-----------------------------|
| Voltage Rating: | 32 VDC |
| Housing Material: | PETGF30 |
| Insulating Housing Material: | PAGF30 |
| Terminals: | Crimp, Copper alloy, tinned |
| Interrupting Rating: | 2000A @32VDC |

Ordering Information

| Part Number | Package Size |
|-------------|--------------|
| 153.0000 | 300 |

Time-Current Characteristics 100A-190A

| % of Rating | Opening Time 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 |

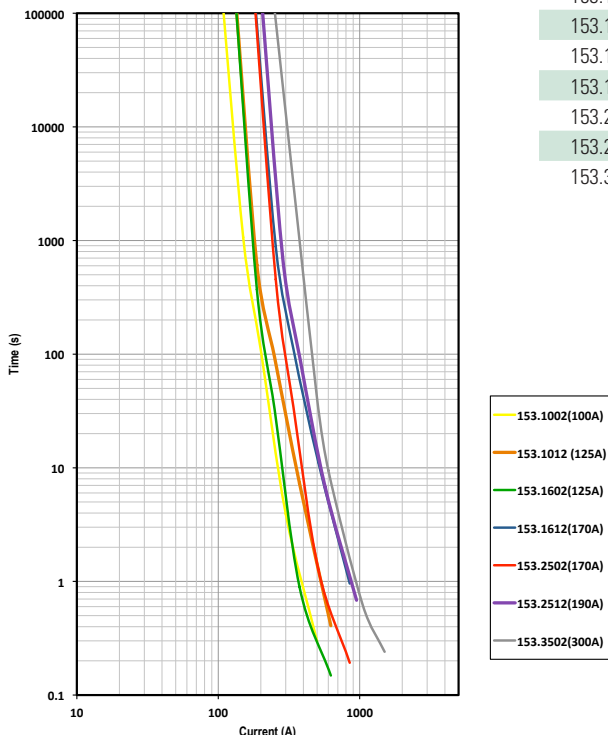
Time-Current Characteristics 300A

| % 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 |

Ratings

| Part Number | Current Rating (A) | Wire Size/Type/Marking | Typ. Voltage Drop (mV) | Cold Resistance (mΩ) | I ² t (A ² s) |
|-------------|--------------------|---------------------------|------------------------|----------------------|-------------------------------------|
| 153.1002 | 100 | 10mm ² /FLY/P | 60 | 0.42 | 27,000 |
| 153.1012 | 125 | 10mm ² /FL2G/S | 70 | 0.32 | 87,500 |
| 153.1602 | 125 | 16mm ² /FLY/P | 75 | 0.41 | 29,600 |
| 153.1612 | 170 | 16mm ² /FL2G/S | 60 | 0.22 | 248,000 |
| 153.2502 | 170 | 25mm ² /FLY/P | 70 | 0.29 | 78,500 |
| 153.2512 | 190 | 25mm ² /FL2G/S | 52 | 0.22 | 248,000 |
| 153.3502 | 300 | 35mm ² /FLY/P | 70 | 0.20 | 373,000 |

Time-Current Characteristics Curve



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