## Specifications

| Voltage Rating: | 32 VDC |
| :--- | :--- |
| Interrupting Rating: | $2000 \mathrm{~A} @ 32$ VDC |
| Recommended Environmental <br> Temperature: | $-40^{\circ} \mathrm{C}$ to $+125^{\circ} \mathrm{C}$ |
| Terminals Material: | Tin plated Copper alloy |
| Housing Material: | PET-GF30 |
| Insulating Housing Material: | PA-GF30 |

## Description

Install BF Inline fuses along insulated wires that have crosssections of between 10 mm 2 and 35 mm 2 . Please know that these cable fuses only work when both of their terminals connect to wires carrying up to 32 volts. Also, these automotive inline fuses must be insulated by self-adhesive shrinking tubes. Littelfuse recommends using DERAY-IAKT 4:1, 24 mm tubes.

## Applications

- Cars
- Offroad vehicles
- Trucks
- Buses
- SUVs
- Watercraft as approved by Littelfuse ${ }^{\circledR}$


## Features \& Benefits

- Crimped Terminals ensure secure connections
- Break overloaded circuits along the wire to protect equipment


## Ordering Information

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

Rated 32V

## Ratings

| Part Number | Current Rating <br> (A) | Wire Size/Type/ <br> Marking | Typ. Voltage Drop <br> $(\mathbf{m V})$ | Cold Resistance <br> $(\mathbf{m} \Omega)$ | $\mathbf{I}^{2} \mathbf{t}$ <br> $\left(\mathbf{A}^{2} \mathbf{s}\right)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 153.1002 | 100 | $10 \mathrm{~mm}^{2} / \mathrm{FLY} / \mathrm{P}$ | 60 | 0.42 | 27,000 |
| 153.1012 | 125 | $10 \mathrm{~mm}^{2} / \mathrm{FL} 2 \mathrm{G} / \mathrm{S}$ | 70 | 0.32 | 87,500 |
| 153.1602 | 125 | $16 \mathrm{~mm}^{2} / \mathrm{FLY} / \mathrm{P}$ | 75 | 0.41 | 29,600 |
| 153.1612 | 170 | $16 \mathrm{~mm}^{2} / \mathrm{FL} 2 \mathrm{G} / \mathrm{S}$ | 60 | 0.22 | 248,000 |
| 153.2502 | 170 | $25 \mathrm{~mm}^{2} / \mathrm{FLY} / \mathrm{P}$ | 70 | 0.29 | 78,500 |
| 153.2512 | 190 | $25 \mathrm{~mm}^{2} / \mathrm{FL} 2 \mathrm{G} / \mathrm{S}$ | 52 | 0.22 | 248,000 |
| 153.3502 | 300 | $35 \mathrm{~mm}^{2} / \mathrm{FLY} / \mathrm{P}$ | 70 | 0.20 | 373.000 |

Rated 32V

Time-Current
Characteristic Curves


Time-Current Characteristics

|  | Opening Time Min / Max (s) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \% of Rating | $\mathbf{1 0 0} \mathbf{~ A ~ - 1 9 0 ~ A ~}$ | 300 A |  |  |  |  |
| 100 | 360,000 | $/$ | - | 360,000 | $/$ | - |
| 150 | 90 | $/$ | 1800 | 10 | $/$ | 100 |
| 200 | 3 | $/$ | 240 | 1 | $/$ | 15 |
| 300 | 0.3 | $/$ | 60 | 0.3 | $/$ | 5 |
| 500 | 0.1 | $/$ | 10 | 0.1 | $/$ | 1 |

