



# **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 Matierial: PAGF30

Terminals: Crimp, Copper alloy, tinned

Interrupting Rating: 2000A @32VDC

## **Ordering Information**

Part Number	Package Size
153.0000	300

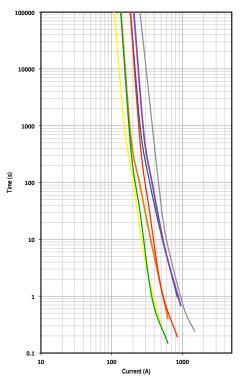
# Time-Current Characteristics 100A-190A

### Time-Current Characteristics 300A

% of Rating	Opening Time Min / Max (s)		% of Rating	Opening Time M	lin / Max (s)
100	360,000 s	-	75	360,000 s	_
150	90 s	1800 s	165	10 s	100 s
200	3 s	240 s	200	1 s	15 s
300	0.3 s	60 s	350	0.3 s	5 s
500	0.1 s	10 s	500	0.1 s	1 s

### Ratings

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Part Number	Current Rating (A)	Wire Size/Type/ Marking	Typ. Voltage Drop (mV)	Cold Resistance $(m\Omega)$	l²t (A²s)
153.1002	100	10mm <sup>2</sup> /FLY/P	60	0.42	27,000
153.1012	125	10mm <sup>2</sup> /FL2G/S	70	0.32	87,500
153.1602	125	16mm²/FLY/P	75	0.41	29,600
153.1612	170	16mm²/FL2G/S	60	0.22	248,000
153.2502	170	25mm <sup>2</sup> /FLY/P	70	0.29	78,500
153.2512	190	25mm²/FL2G/S	52	0.22	248,000
153.3502	300	35mm <sup>2</sup> /FLY/P	70	0.20	373.000
	153.1002 153.1012 153.1602 153.1612 153.2502 153.2512	Part Number Current Rating (A)   153.1002 100   153.1012 125   153.1602 125   153.1612 170   153.2502 170   153.2512 190	Part Number Current Rating (A) Wire Size/Type/Marking   153.1002 100 10mm²/FLY/P   153.1012 125 10mm²/FL2G/S   153.1602 125 16mm²/FLY/P   153.1612 170 16mm²/FL2G/S   153.2502 170 25mm²/FLY/P   153.2512 190 25mm²/FL2G/S	Part Number Current Rating (A) Wire Size/Type/Marking Typ. Voltage Drop (mV)   153.1002 100 10mm²/FLY/P 60   153.1012 125 10mm²/FL2G/S 70   153.1602 125 16mm²/FLY/P 75   153.1612 170 16mm²/FL2G/S 60   153.2502 170 25mm²/FLY/P 70   153.2512 190 25mm²/FL2G/S 52	Part Number Current Rating (A) Wire Size/Type/Marking Typ. Voltage Drop (mV) Cold Resistance (mΩ)   153.1002 100 10mm²/FLY/P 60 0.42   153.1012 125 10mm²/FL2G/S 70 0.32   153.1602 125 16mm²/FLY/P 75 0.41   153.1612 170 16mm²/FL2G/S 60 0.22   153.2502 170 25mm²/FLY/P 70 0.29   153.2512 190 25mm²/FL2G/S 52 0.22



Time-Current Characteristics Curve

153.1002(100A)
153.1012 (125A)
153.1602(125A)
153.1612(170A)
153.2502(170A)
153.2512(190A)
153.3502(300A)

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