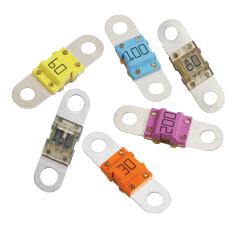
High Current Fuses





BF1 Fuses



One Hole BF1 Fuses

BF1 and One-Hole BF1 Fuse Rated 32V

This BF1 fuse is rated at 32V and offers a bolt-on fuse for high current wiring protection. Current rating 23A - 200A; with transparent housing material for easy detection of blown fuses. One-Hole BF1 fuses have a current rating 60-125A.

Specifications

Operating Temperature: -40 to 125 degrees C

Housing Material: PET-GF30 Clear Housing Material: PES

Terminals: Copper alloy, gal. Sn

2 x M5 or M6 bolts, distance 30 mm

Mounting Torque M5: 4.5 Nm +/- 1Nm Mounting Torque M6: 6.0 Nm +/- 1Nm

Interrupting Rating: 23A & 30A: 1000A @32 VDC 40A - 150A: 2000A @32 VDC

200A: 1500A @32 VDC

ISO 8820-5, UL 248 Special Purpose Fuses





Ordering Information

Time-Current Characteristics

Part Number	Package		Bolt Hole	Ratings	% of	Opening Time Min / Max (s)		
	Size	Size	Qty		Rating	23-150A Fuses	200A Short Circuit Protectors	
153.5631.xxx2	1000	M5	2	30A-200A		23-130A Fuses		
153.5631.xxx1	10	M5	2	30A-200A	75	-/-	360,000 s / -	
153.7010.xxx2	1000	M6	2	30A-150A	100	360,000 s / -	-/-	
153.7000.xxx2	500	M6	2	200A	110	14,400 s / –	-/-	
153.0010.xxx2	1000	M6	1	60A-125A	150	90 s / 3,600 s	-/-	
153.0020.xxx2	500		0	30A-200A	200	3 s / 100 s	1 s / 15 s	
					300	0.300 s / 3 s	-/-	
					350	-/-	0.300 s / 5 s	
					500	0.100 s / 1 s	-/-	
					600	-/-	0.100 s / 1 s	

Ratings

Part No	ımber	Current Rating	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance $(\mathbf{m}\Omega)$	l²t (A²s)
M5	M6	(A)	Material Color			
153.5631.523_ ^{1,2}	-	23		105	3.50	1,400
153.5631.530_	153.7010.530_	30		105	2.70	5,100
153.5631.540_	153.7010.540_	40		90	1.56	6,800
153.5631.550_	153.7010.550_	50		80	1.03	6,900
153.5631.560_	153.7010.560_	60		75	0.75	16,200
153.5631.570_	153.7010.570_	70		70	0.64	22,000
153.5631.580_	153.7010.580_	80		70	0.55	25,600
153.5631.610_	153.7010.610_	100		70	0.44	42,500
153.5631.612_	153.7010.612_	125		70	0.34	62,500
153.5631.615_ ¹	153.7010.615_1	150		70	0.29	83,400
153.5631.620³	153.7000.6203	200		70	0.24	126,000

Corresponding holder see Section "Fuse Holders."

Note 1: not mentioned in ISO standard Note 2: Not UL rated Note 3: Short Circuit Protector only Note 4: For 1-Hole and No-Hole values, refer to 2-Hole version values

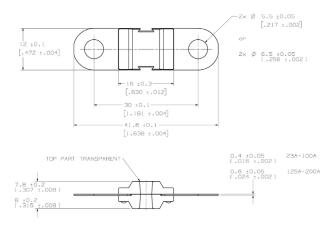
High Current Fuses



BF1 and One-Hole BF1 Fuse Rated 32V

Dimensions

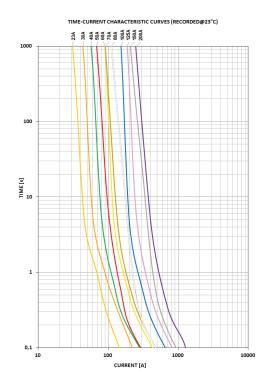
Dimensions in mm



Derating

Individual derating curves by rating can be ordered through your Littelfuse contact person.

Pre-Arcing Time-Limits



23 A - 150 A: FI = 1.25 (max. operating current: $0.8 \times I_{rat}$ at 23°C)

200 A: FI = 2.00 (max. operating current: $0.5 \times I_{rat}$ at 23° C)