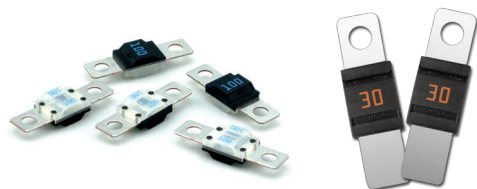


MIDI® Fuses



One Hole MIDI® Fuses

Clear MIDI® Fuses
(transparent nylon composite cover)

MIDI®, Clear MIDI®, and One Hole MIDI® Style Bolt-down Fuse Rated 32V

This MIDI® style fuse offers a bolt-on space saving fuse for high current wiring protection and provides time delay characteristics with “Diffusion Pill Technology”. The MIDI® was designed and patented by Littelfuse.

Specifications

Interrupting Rating:	1000A @ 32 VDC
Voltage Rating:	32 VDC
Operating Temperature Range:	-40°C to + 125°C
Black Housing Material:	PA-GF25FR
Clear Housing Material:	PA-6/66
Terminal:	Tin plated Copper
Mounting Torque M5:	4.5 Nm +/- 1Nm
Mounting Torque M6:	6.0 Nm +/- 1Nm
Complies with:	ISO 8820-5:2003, UL 248 Special Purpose Fuses



Ordering Information

Part Number	Package Size	Housing Color	Bolt Size	Bolt Hole Qty	Mfg Location
0498xxx.M	1000	Black	M5	2	Mexico
0498xxx.M-CN	1000	Black	M5	2	China
0498xxx.H	100	Black	M5	2	Mexico
0498xxx.MXM6	1000	Black	M6	2	Mexico
0498xxx.MXM6-CN	1000	Black	M6	2	China
0498xxx.MX1M5	1000	Black	M5	1	Mexico
0498xxx.MX1M5-CN	1000	Black	M5	1	China
0498xxx.MX1M6	1000	Black	M6	1	China
0498xxx.MX1M6-CN	1000	Black	M6	1	China
0498xxx.MXT	1000	Clear	M5	2	Mexico
0498xxx.MXT-CN	1000	Clear	M5	2	China
0498xxx.MXTM6	1000	Clear	M6	2	Mexico
0498xxx.MXTM6-CN	1000	Clear	M6	2	China

* Materials manufactured in Asia are produced to the same specifications as materials manufactured in North America, and meets the same test requirements. Multiple production locations are for capacity expansion only.

Ratings

Part Number	Current Rating (A)	Font Color	Typ. Voltage Drop max. (mV)	Cold Resistance (mΩ)	I²t (A²s)
0498023_2	23	White	90	3.43	1,800
0498030_2	30	Orange	65	2.06	4,200
0498040_	40	Green	65	1.398	10,000
0498050_	50	Red	65	1.025	13,000
0498060_	60	Yellow	68	0.865	21,700
0498070_	70	Brown	70	0.72	24,000
0498080_	80	White	58	0.541	24,600
0498100_	100	Blue	60	0.457	51,300
0498125_2	125	Pink	71	0.394	73,200
0498150_1,2	150	Grey	77	0.323	81,900
0498175_1,2	175	Dark Grey	77	0.285	100,000
0498200_1,2	200	Purple	77	0.261	125,000

Time-Current Characteristics

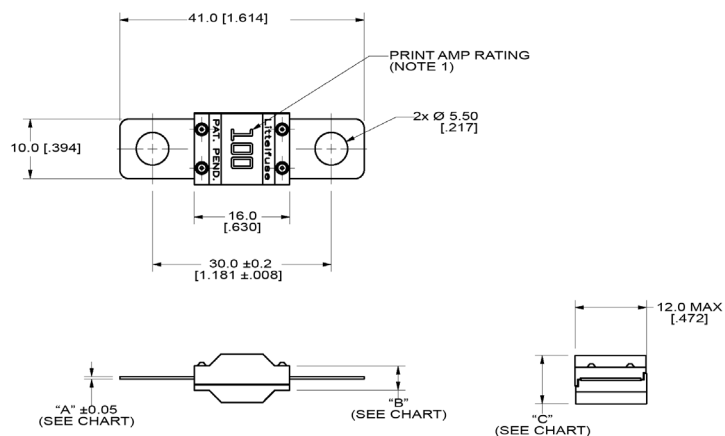
% of Rating	Opening Time Min / Max (s)	
	23-125A	150-200A
75	- / -	360,000 s / -
100	360,000 s / -	- / -
110	14,400 s / -	- / -
150	90 s / 3,600 s	- / -
200	3 s / 100 s	1 s / 15 s
300	0.3 s / 3 s	- / -
350	- / -	0.3 s / 5 s
500	0.1 s / 1 s	0.1 s / 1 s

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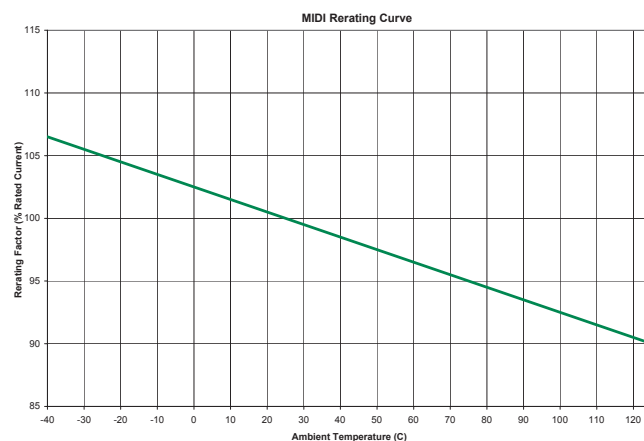
MIDI®, Clear MIDI®, and One Hole MIDI® Style Bolt-down Fuse Rated 32V

Dimensions

Dimensions in mm

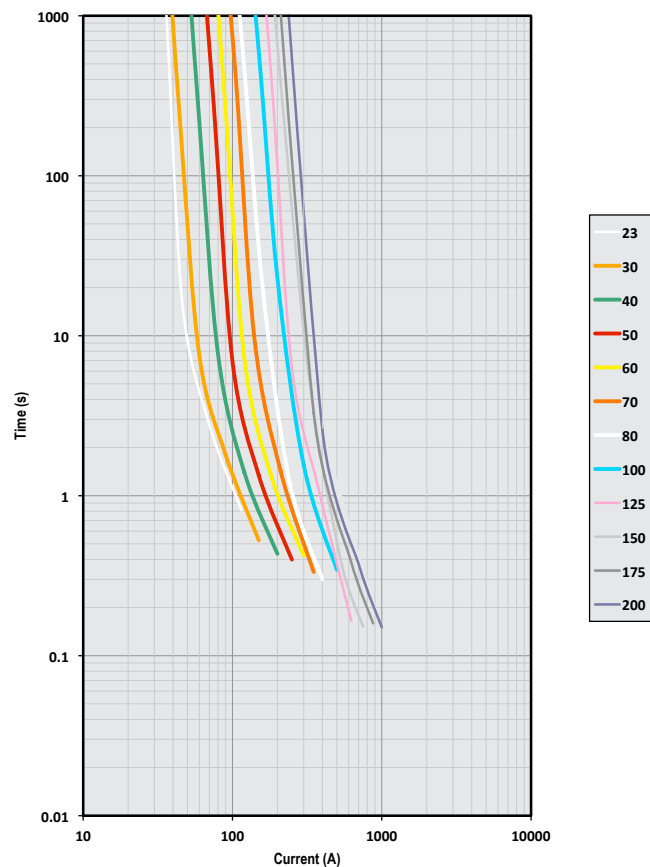


Temperature Derating Curve



Part Number	"A" mm (inch)	"B" mm (inch)	"C" mm (inch)
0498023_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498030_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498040_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498050_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498060_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498070_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498080_	0.41 (0.016)	4.0 (0.157)	8.0 (0.315)
0498100_	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
0498125_	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
0498150_	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
0498175_	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)
0498200_	0.63 (0.025)	4.3 (0.169)	8.3 (0.327)

Time-Current Characteristic Curves



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