

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, 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.

### Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	30-125A	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

### Ratings

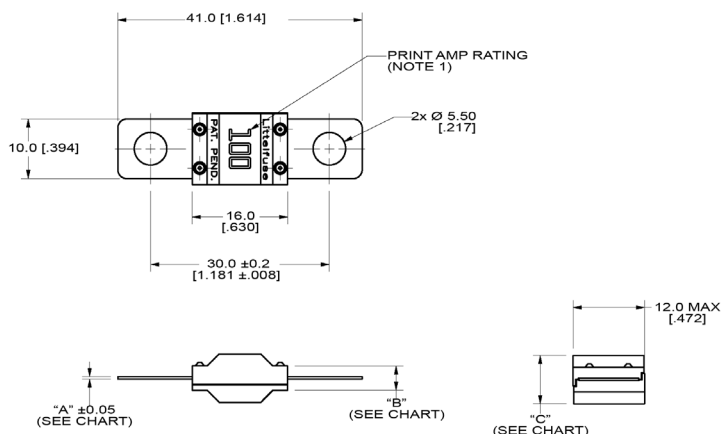
Part Number	Current Rating (A)	Font Color	Typ. Voltage Drop max. (mV)	Cold Resistance (mΩ)	I²t (A²s)
0498023._ <sup>2</sup>	23	White	90	3.43	1,800
0498030._ <sup>2</sup>	30	Orange	65	2.06	4,200
0498040._	40	Green	65	1.398	10,000
0498050._	50	Red	65	1.025	13,000
0498060._	60	Yellow	68	0.865	21,700
0498070._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

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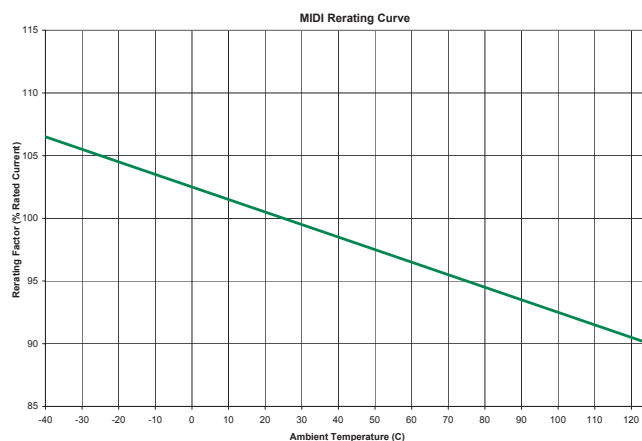
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### Dimensions

Dimensions in mm

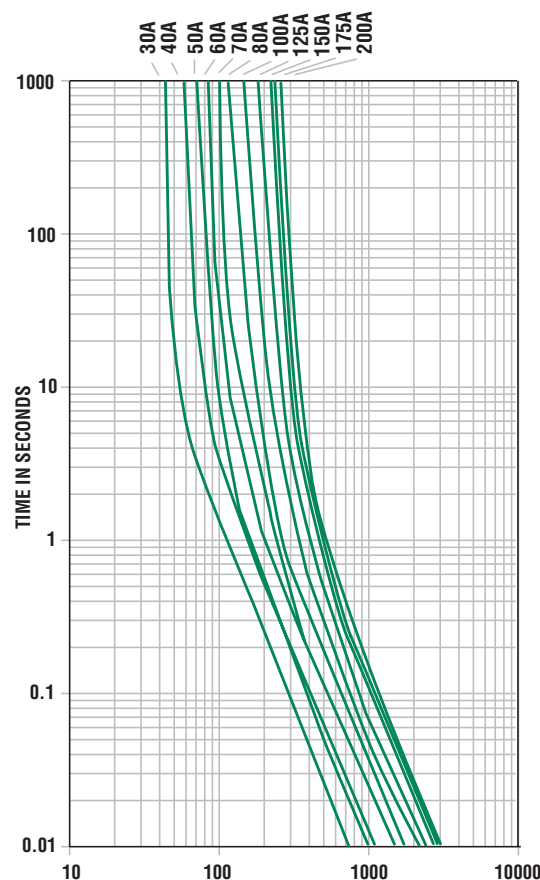


### Temperature Derating Curve



Part Number	"A" mm (inch)	"B" mm (inch)	"C" mm (inch)
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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## Littelfuse:

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[0498040.M](#) [0498100.M](#) [0498100.H](#) [0498030.H](#) [0498030.MXT](#) [0498030.SXT](#) [0498050.MXT](#) [0498050.SXT](#)  
[0498060.MXT](#) [0498060.TXN](#) [0498070.H](#) [0498070.MXT](#) [0498070.SXT](#) [0498080.MXT](#) [04980913ZXT](#) [04980915ZXT](#)  
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[0498070.TXN](#) [0498125.TXN](#) [0498125.SXT](#) [0498060.H](#) [0498030.TXN](#) [04980923ZXT](#) [0498040.H](#) [0498080.SXT](#)  
[0498150.H](#) [0498050.TXN](#) [0498050.H](#) [0498040.TXN](#) [0498040.SXT](#) [0498175.SXT](#) [0498040.MXT](#) [0498200.MXT](#)  
[0498100.SXT](#) [0498200.H](#) [0498175.MXT](#) [0498175.H](#) [0498060.SXT](#) [0498175.MXTM6](#) [04980916ZXSS](#) [0498080.H](#)  
[0498150.MXTM6](#) [04980919ZXT](#) [0498150.TXN](#) [04980912ZXT](#) [0498200.SXT](#) [0498200.MXTM6](#) [04980904ZXT](#)  
[0498100.MXT](#) [0498030.UXT-HD](#) [0498040.UXT-HD](#) [0498050.UXT-HD](#) [0498060.UXT-HD](#) [0498070.UXT-HD](#)  
[0498080.TXN](#) [0498080.UXT-HD](#) [04980905ZXT](#) [0498125.UXT-HD](#) [0498150.UXT-HD](#) [0498175.UXT-HD](#)  
[0498200.UXT-HD](#) [0498030.MXM6](#) [0498040.MXM6](#) [0498050.MXM6](#) [0498060.MXM6](#) [0498070.MXM6](#)  
[0498080.MXM6](#) [04980908ZXT](#) [0498100.MXM6](#) [0498125.MXM6](#) [0498150.MXM6](#) [0498175.MXM6](#) [0498200.MXM6](#)  
[0498023.M](#) [0498125.MXT-HD](#) [0498060.MX1M5](#) [0498200.MX1M5](#) [0498150.MXT-HD](#) [0498030.MX1M5](#)  
[0498100.MXT-HD](#) [0498175.MXT-HD](#) [0498150.MX1M5](#) [0498125.MX1M5](#) [0498080.MX1M5](#)