

## MIDI® HEAVY DUTY BOLT-DOWN FUSE RATED 32V

RoHS



### Description

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

Voltage Rating:	32 VDC
Interrupting Ratings:	5000A @ 14 VDC
Operating Temperature Range:	-40°C to +125°C
Housing:	Transparent Nylon Composite
Terminal:	Tin plated Copper
Mounting Torque M5:	4.5 Nm +/- 1Nm
Complies with:	ISO 8820-5 UL 248 Special Purpose Fuses

### Ordering Information

Part Number	Package Size
0498xxx.MXT-HD	1000
0498xxx.UXT-HD	500

### 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

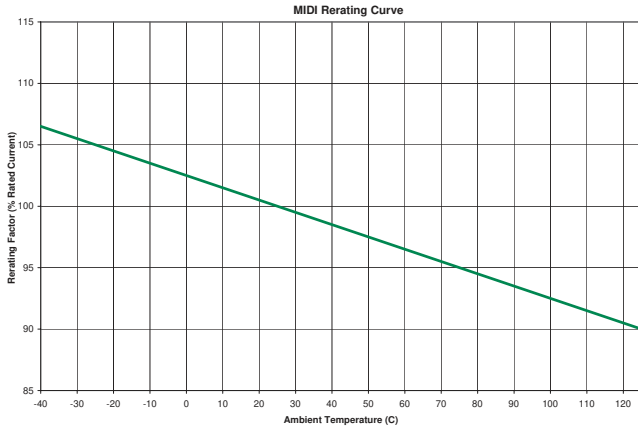
### Ratings

Part Number	Current Rating (A)	Font Color	Typical Voltage Drop	Typical Cold Resistance	I <sup>2</sup> t (A <sup>2</sup> s)
0498030.MXT-HD	30 A	Orange	65 mV	2.06 mΩ	4200
0498040.MXT-HD	40 A	Green	65 mV	1.398 mΩ	10000
0498050.MXT-HD	50 A	Red	65 mV	1.025 mΩ	13000
0498060.MXT-HD	60 A	Yellow	68 mV	0.865 mΩ	21700
0498070.MXT-HD	70 A	Brown	70 mV	0.72 mΩ	24000
0498080.MXT-HD	80 A	White	58 mV	0.541 mΩ	24600
0498100.MXT-HD	100 A	Blue	60 mV	0.457 mΩ	51300
0498125.MXT-HD	125 A	Pink	71 mV	0.394 mΩ	73200
0498150.MXT-HD <sup>1</sup>	150 A	Grey	77 mV	0.323 mΩ	81900
0498175.MXT-HD <sup>1</sup>	175 A	Dark Grey	77 mV	0.285 mΩ	100000
0498200.MXT-HD <sup>1</sup>	200 A	Purple	77 mV	0.261 mΩ	125000

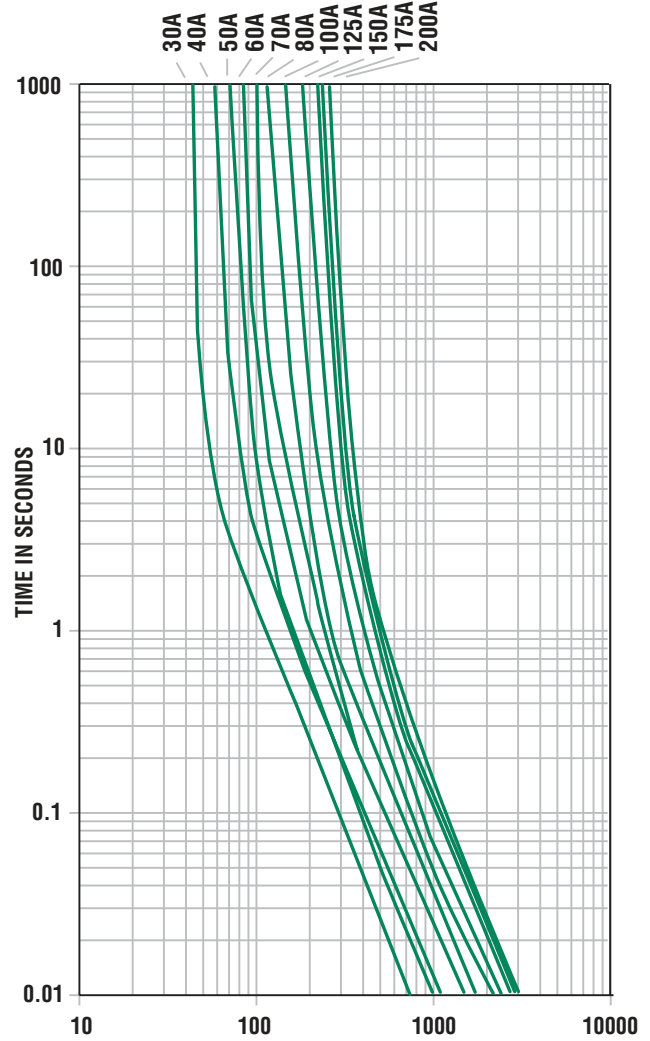
Note 1: Short circuit protectors only.

**MIDI® HEAVY DUTY BOLT-DOWN FUSE RATED 32V**

**Temperature Derating Curve**

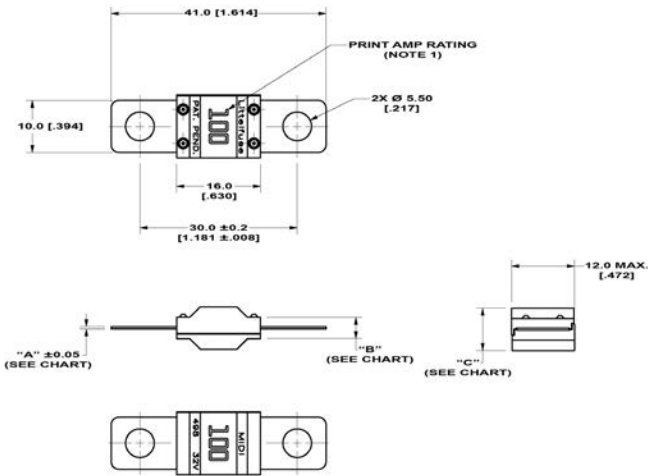


**Time-Current Characteristic Curves**



**Dimensions**

Dimensions in mm



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