



# MIDI<sup>®</sup>, Clear MIDI<sup>®</sup>, One-Hole MIDI<sup>®</sup> Style

## Bolt-down Fuse Rated 32V

### Ratings

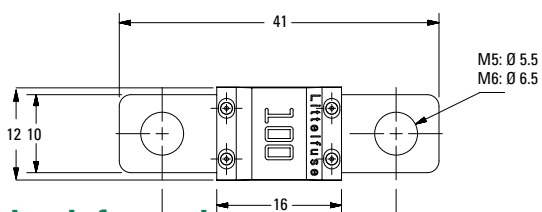
Part Number	Current Rating (A)	Color Code	Test Cable size (mm <sup>2</sup> )	Typ. Voltage Drop (mV)	Typ. Cold Resistance (mΩ)	Typ. I <sup>2</sup> t (A <sup>2</sup> s)
0498030_ <sup>2</sup>	30		2.5	65	2.06	4,200
0498040_	40		4	65	1.40	10,000
0498050_	50		6	65	1.02	13,000
0498060_	60		6	68	0.87	21,700
0498070_	70		10	70	0.72	24,000
0498080_	80		10	58	0.54	24,600
0498100_	100		16	60	0.46	51,300
0498125_ <sup>2</sup>	125		25	71	0.39	73,200
0498150_ <sup>1,2</sup>	150		25	49 <sup>4</sup>	0.32	81,900
0498175_ <sup>1,2,3</sup>	175		25	53 <sup>4</sup>	0.29	100,000
0498200_ <sup>1,2</sup>	200		25	51 <sup>4</sup>	0.26	125,000

Note 1: Short Circuit Protector only, Note 2: Not UL Recognized, Note 3: Color Coding deviating from ISO standard, Note 4: Measured at 75% I<sub>r</sub>  
The typical I<sup>2</sup>t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

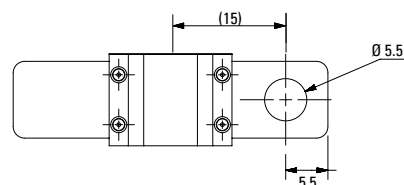
### Dimensions

Dimensions in mm for reference only.  
See outline drawing for dimensions and tolerances.

#### MIDI 2 Holes M5/M6 versions



#### MIDI 1 Hole M5 versions



### Ordering Information

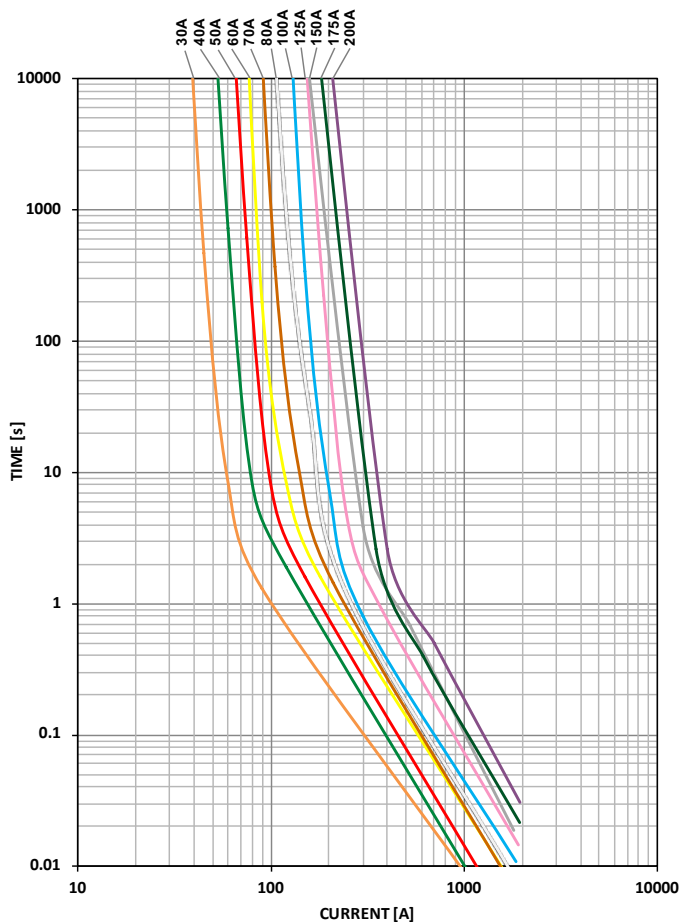
Part Number	Rating	Package Size	Housing Color	MIDI 1 Hole M6 versions Bolt Size	Bolt Hole Qty
0498xxx.M	30 - 200	1000	Black	M5	2
0498xxx.H	30 - 200	100	Black	M5	2
0498xxx.MX1M6	30 - 200	1000	Black	M5	2
0498xxx.MX1M5	30 - 200	1000	Black	M5	1
0498xxx.MX1M6 (30A to 80A)	30 - 200	1000	Black	M5	1
0498xxx.MX1 (100A to 200A)	30 - 200	1000	Clear	M5	2
0498xxx.MXTM6	30 - 200	1000	Clear	M6	2

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

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### Time-Current Characteristic Curves



### Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)	
	30A-125A	150A-200A
75	- / -	360,000 / ∞
100	360,000 / ∞	- / -
110	14,400 / ∞	- / -
150	90 / 3,600	- / -
200	3 / 100	1 / 15
300	0.3 / 3	- / -
350	- / -	0.3 / 5
500	0.1 / 1	- / -
600	- / -	0.1 / 1

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## Typical Derating of Fuse Melting Element

Temperature Security Margin is 20%

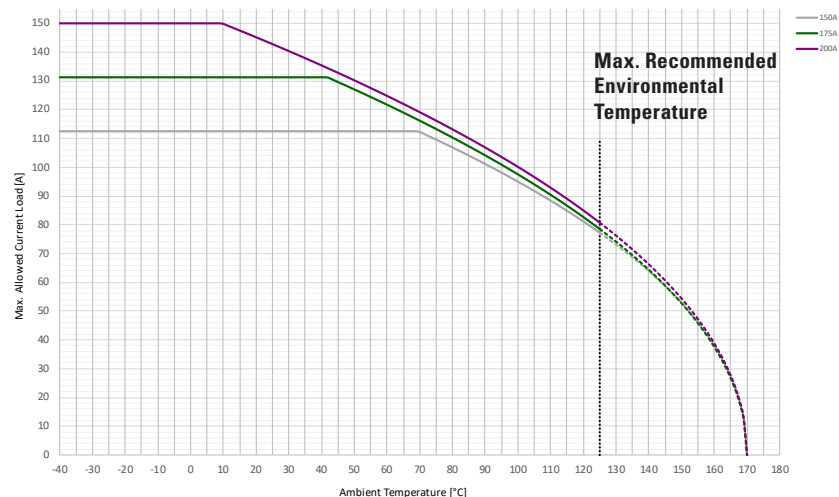
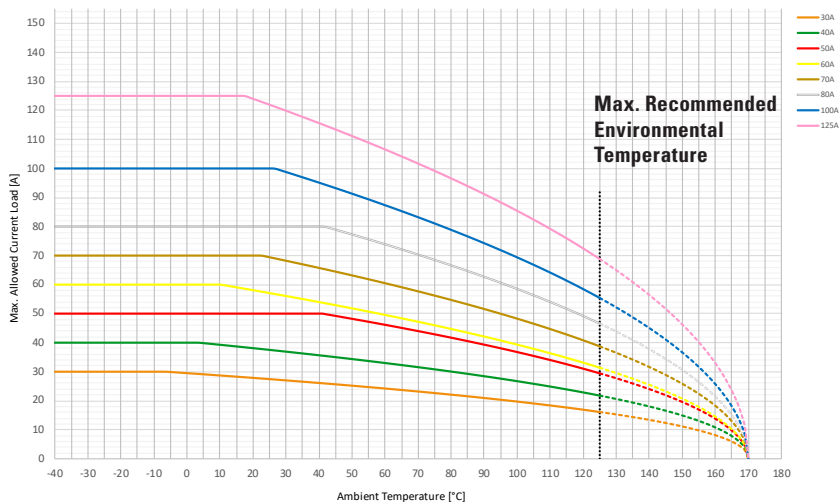
Wire Cross Section And Fixture Test Set Up Refer To ISO 8820-3

Please Contact Littelfuse<sup>®</sup> For Details Regarding Derating Test Set Up

## Temperature Table

	max. allowed current load [A] at ambient temperature (typical derating)						
	-20°C	0°C	20°C	65°C	85°C	110°C	125°C
<b>30A</b>	30	30	28	24	22	18	16
<b>40A</b>	40	40	38	32	29	25	22
<b>50A</b>	50	50	50	45	41	34	29
<b>60A</b>	60	60	58	48	43	36	31
<b>70A</b>	70	70	70	59	53	45	39
<b>80A</b>	80	80	80	72	65	54	47
<b>100A</b>	100	100	100	85	77	64	55
<b>125A</b>	125	125	124	104	94	79	69
<b>150A</b>	113	113	113	113	104	88	77
<b>175A</b>	131	131	131	119	107	90	79
<b>200A</b>	150	150	145	122	110	93	81

Derating curves may change depending on the final condition of the application (terminals characteristics, wire size etc.). Please ask Littelfuse for more information.



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