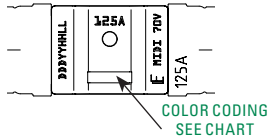




MIDI® 70V HP Fuse



MIDI® High Performance Fuse Rated 70V

The MIDI® 70V High Performance (HP) Fuse is designed for high current circuit protection up to 200A with "Diffusion Pill Technology." The MIDI® 70V HP features 1MOhm Open State Resistance after fuse opening to guarantee safe interruption at any voltage up to 70V. The MIDI® 70V HP Fuse is an ideal solution for any high current application like fans, heaters and high inrush peak loads. The new added 135% overload gate provides much better wire protection.

Specifications

Interrupting Rating:	2500A @ 70 VDC
Voltage Rating:	70 VDC
Operating Temperature Range:	-40°C to + 125°C
Housing Material:	PA66 GF25 FR
Terminals:	ETP Copper (Tin plated)
Mounting Torque:	9Nm+/-1Nm
Open State Resistance (after fuse opening)	>1MOhm
Reference to:	ISO 20934 - Type SF36
Complies with:	Standard UL 248-1 as a Special Purpose Fuse in UL File E71611 (100A only) and Directive 2011/65/EU.



Dimensions

Part Number	"A" mm	"B" mm	"C" mm
4998030.M_	0.412	8.02	4.03
4998040.M_	0.412	8.02	4.03
4998050.M_	0.412	8.02	4.03
4998060.M_	0.412	8.02	4.03
4998070.M_	0.412	8.02	4.03
4998080.M_	0.635	8.24	4.25
4998100.M_	0.635	8.24	4.25
4998125.M_	0.635	8.24	4.25
4998150.M_	0.635	8.24	4.25
4998175.M_	0.635	8.24	4.25
4998200.M_	0.635	8.24	4.25

Ordering Information

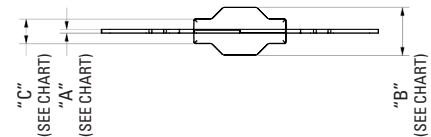
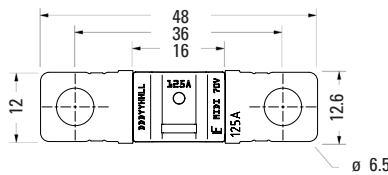
Part Number	Package Size	Bolt Hole Qty
4998xxx.M-M6	500	2
4998xxx.M-1M6	500	1
4998xxx.M-NH	500	0

Time-Current Characteristics

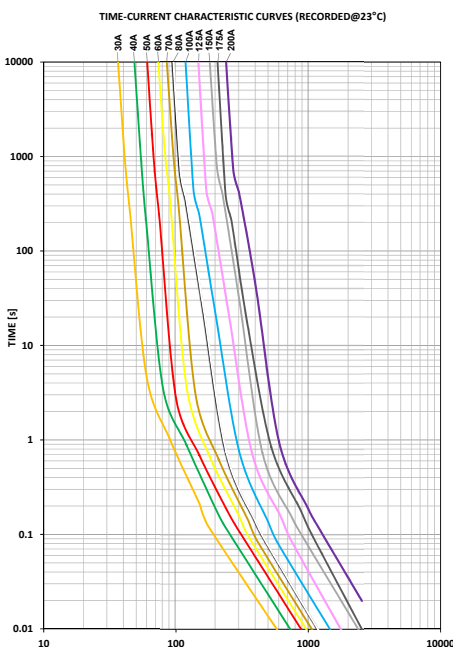
Rating (A)	% of Rating	Opening Time Min (s)	Opening Time Max (s)
30-200	100	360000	--
	135	300	3600
	150	90	500
	200	1	50
	300	0.3	4
	500	0.1	1
600	0.07	0.7	

Dimensions

Dimensions in mm



Time-Current Characteristic Curves



Ratings

Part Number	Current Rating (A)	Color Code	Rated Voltage (V)	Voltage Drop (mV) max.	Wire (mm ²)	I ² t (A ² s)
4998030.M_	30 ¹	Orange	70	120	2.5	2148
4998040.M_	40 ¹	Green	70		4	3567
4998050.M_	50 ¹	Red	70		6	5623
4998060.M_	60 ¹	Yellow	70	110	6	7098
4998070.M_	70 ¹	White	70		10	8317
4998080.M_	80	White	70	100	10	10403
4998100.M_	100 ²	Blue	70		10	17513
4998125.M_	125 ¹	Pink	70		16	24920
4998150.M_	150 ¹	Grey	70		25	50193
4998175.M_	175 ¹	Brown	70	100	25	57749
4998200.M_	200 ¹	Purple	70		35	119075

¹ Note 1: In development - please contact Littelfuse® for more details regarding availability timing.

² Note 2: Only 100A rating is UL Recognized.

REV 01302020

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