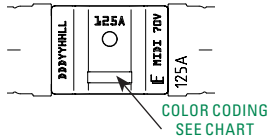




MIDI® 70V HP Fuse



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

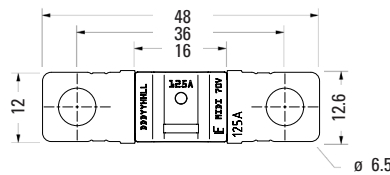
Part Number	"A" mm	"B" mm	"C" mm
4998030.M_	0.412	8.02	4.03
4998040.M_	0.412	8.02	4.03
4998050.M_	0.412	8.02	4.03
4998060.M_	0.412	8.02	4.03
4998070.M_	0.412	8.02	4.03
4998080.M_	0.635	8.24	4.25
4998100.M_	0.635	8.24	4.25
4998125.M_	0.635	8.24	4.25
4998150.M_	0.635	8.24	4.25
4998175.M_	0.635	8.24	4.25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

Dimensions

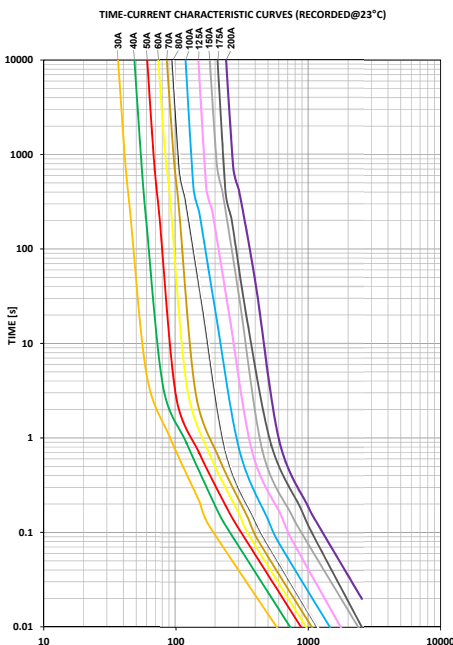
Dimensions in mm



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	

Time-Current Characteristic Curves



Ratings

Part Number	Current Rating (A)	Color Code	Rated Voltage (V)	Voltage Drop (mV) max.	Wire (mm²)	I²t (A²s)
4998030.M_	30 ¹		70	120	2.5	2148
4998040.M_	40 ¹		70		4	3567
4998050.M_	50 ¹		70		6	5623
4998060.M_	60 ¹		70	110	6	7098
4998070.M_	70 ¹		70		10	8317
4998080.M_	80		70		10	10403
4998100.M_	100 ²		70	100	10	17513
4998125.M_	125 ¹		70		16	24920
4998150.M_	150 ¹		70		25	50193
4998175.M_	175 ¹		70		25	57749
4998200.M_	200 ¹		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

Littelfuse products are not designed for, and shall not be used for, any purpose (including, without limitation, automotive, military, aerospace, medical, life-saving, life-sustaining or nuclear facility applications, devices intended for surgical implant into the body, or any other application in which the failure or lack of desired operation of the product may result in personal injury, death, or property damage) other than those expressly set forth in applicable Littelfuse product documentation. Warranties granted by Littelfuse shall be deemed void for products used for any purpose not expressly set forth in applicable Littelfuse documentation. Littelfuse shall not be liable for any claims or damages arising out of products used in applications not expressly intended by Littelfuse as set forth in applicable Littelfuse documentation. The sale and use of Littelfuse products is subject to Littelfuse Terms and Conditions of Sale, unless otherwise agreed by Littelfuse.