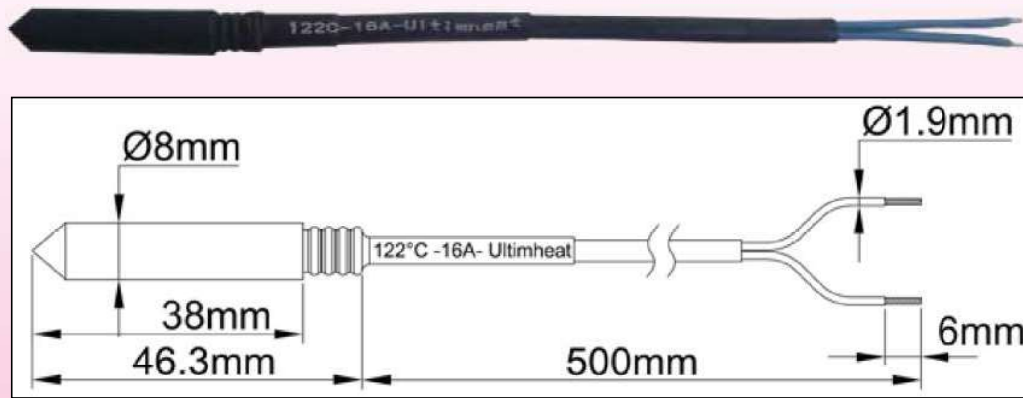


Type 5MA 3-F

Wired thermal fuses, for insertion into 8.5 mm I.D. pockets

DIMENSIONS



TECHNICAL FEATURES

Applications: protection against overheating of equipment and heating elements

Fusible pellet: organic compound

Mechanism: movable pellet actuated of a spring released by the fusion of the pellet

Protection: with electrical insulation silicone boot, dia. 8mm

Nominal current rating: 16A 250V

The nominal current rating is the maximum current the fuse can carry without opening or deteriorate when subjected to a temperature known as the "holding temperature" (Th) for a limited time

Holding temperature (Th): the fuse must not open or be destroyed when subjected to a temperature equal to Th-6 °C for a period of 168 hours under nominal voltage and current

Rated functioning temperature (Tf): It is the opening temperature of the fuse in a calibration oven, when subjected to a current less than 10 mA, when temperature rises at a speed of 0.5 to 1 °C / min. The opening temperature must not be lower than Tf-10 °C or above Tf under these conditions. This is the operating temperature Tf which is printed on the fuse and the protective sheath external of the leads.

Maximum temperature (Tm): it is the maximum temperature withstood by the fuse after opening without losing its insulating and mechanical properties.

Insulation voltage between open contacts: ≥ 500V

Insulation resistance between open contacts: ≥ 0.2 MΩ @ 500V

Lead lengths: 500 mm.

Leads: FEP 300V primary insulation, 1 mm² gauge (AWG18), in a polyolefin sheath.

In red: standard available temperatures

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Reference	Rated functioning temperature °C/°F (Tf)	Holding temperature °C/°F (Th)	Maximum temperature °C/°F (Tm)
5MA3SPF070F18500	73°C/163.4°F	45°C/113°F	115°C/239°F
5MA3SPF077F18500	79°C/174.2°F	52°C/125.6°F	125°C/257°F
5MA3SPF084F18500	85°C/185°F	57°C/134.6°F	125°C/257°F
5MA3SPF091F18500	94°C/201.2°F	66°C/150.8°C	140°C/284°F
5MA3SPF096F18500	99°C/210.2°F	71°C/159.8°F	140°C/284°F
5MA3SPF106F18500	108°C/226.4°F	77°C/170.6°F	145°C/293°F
5MA3SPF109F18500	113°C/235.4°F	84°C/183.2°F	150°C/302°F
5MA3SPF121F18500	122°C/251.6°F	94°C/201.2°F	175°C/347°F
5MA3SPF129F18500	133°C/271.4°F	101°C/213.8°F	175°C/347°F
5MA3SPF139F18500	142°C/287.6°F	114°C/237.2°F	185°C/365°F
5MA3SPF152F18500	157°C/314.6°F	127°C/260.6°F	195°C/383°F
5MA3SPF165F18500	167°C/332.6°F	130°C/266°F	205°C/401°F
5MA3SPF169F18500	172°C/341.6°F	145°C/293°F	215°C/419°F
5MA3SPF182F18500	184°C/363.2°F	156°C/312.8°F	225°C/437°F
5MA3SPF188F18500	192°C/377.6°F	164°C/327.2°F	245°C/473°F
5MA3SPF216F18500	216°C/420.8°F	189°C/372.2°F	280°C/536°F
5MA3SPF227F18500	227°C/440.6°F	190°C/374°F	295°C/563°F
5MA3SPF240F18500	240°C/464°F	190°C/374°F	305°C/581°F

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