

Product Data Sheet



1MS104

Semi Conductor Fuse Holder 600 Amps, 600 Volts AC



Wire Range:

(2) 500 kcmil - #6 AWG Copper or Aluminum

Electrical Ratings:

- 600A max (amperage rating based on maximum fuse rating for that physical size)
- 600 Volts AC
- Approved for 200,000 Amp Withstand Rating

Mechanical Ratings:

- Maximum insulator base temperature: 150°C (302°F) UL RTI
- Storage and transportation temperature range: -35°C to 125°C (-31°F to 257°F)
- Flammability rating of insulator base: UL 94 V-0
 - Use outside these ratings needs to be judged in the end-use application.

Materials:

- Connector: High conductivity aluminum, tin plated
- Insulator base: phenolic
- Terminal set screws: Aluminum, tin plated and Steel, nickel plated
- Connector mounting screws: Steel, zinc plated
- Hex-head bolts: Steel, nickel plated (provided unassembled)
- Belleville washers: Steel, zinc plated (provided unassembled)

Agency Approvals:

- UL Listed, UL 512 Terminal Block Standard, File No. IZLT2.E35113
- CE compliant to IEC 60947-1
- RoHS Compliant

Wire Approvals:

Wire Range:

Wire Size	Torque	Copper Wire Stranding Classes - Number of Strands		
		Solid	Class B	Class C
500 kcmil	375 in. lbs		37	61
400	375 in. lbs		37	61
350	375 in. lbs		37	61
300	375 in. lbs		37	61
250	375 in. lbs		37	61
4/0	375 in. lbs		19	37
3/0	375 in. lbs		19	37
2/0	375 in. lbs		19	37
1/0	375 in. lbs		19	37
1	375 in. lbs		19	37
2	375 in. lbs		7	19
4	375 in. lbs		7	19
6	375 in. lbs		7	19

Aluminum stranded wire range: 500 kcmil – #6 AWG

- Recommended fuse torque (on bolt): 170 in. lbs.
- Wire strip length: 1 3/8"
- Hex key required: 3/8"
- Panel mountable: #10 fastener, torque to 25-30 in. lbs

