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:

		Copper Wire Stranding Classes - Number of Strands		
Wire Size	Torque	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"

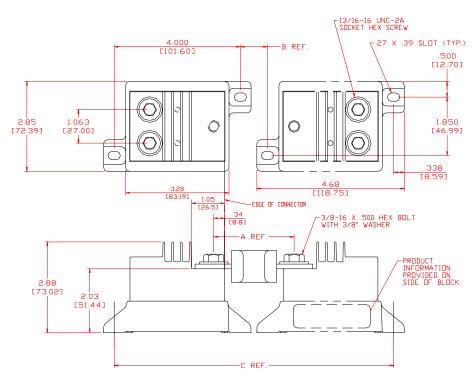
• Hex key required: 3/8"

• Panel mountable: #10 fastener, torque to 25-30 in. lbs

MOUNTING DIMENSIONS						
FUSE	Α	REF.	B REF.	C ±.03		
*FBP 450-600		3.93	2.24	10.24		
**L15S 451-1000		2.44	0.75	8.75		
L50S 401-600		3.20	1.51	9.51		
L70S 401-600		5.82	4.13	12.13		
** L25S 201-700		2.78	1.09	9.09		
JLLN 450-600		2.03	0.34	8.34		
JLLS 450-600		2.95	1.26	9.26		
*KLC 201-400		4.88	3.19	11.19		
**KLC 401-800		4.88	3.19	11.19		
L60S 401-600		4.06	2.37 1.29	10.37		
SPP 4B50-400		2.98	1.29	9.29		
SPP 4E50-400		2.98	1.29	9.29		
SPP 5B225-60		3.98	2.29	10.29		
SPP 5E225-60		3.98	2.29	10.29		
*SPP 6B300-600		3.98	2.29	10.29		
SPP 6E300-600		3.98	2.29	10.29		
SPP 4F50-400		4.47	2.78	10.78		
SPP 4H50-400		4.47	2.78	10.78		
SPP 5F225-60	_	4.79		11.10		
SPP 5H225-60	_	4.79		11.10		
*SPP 6F300-60		4.79	3.10	11.10		
*SPP 6H300-60	0	4.79	3.10	11.10		
SPJ 4B50-250		4.73	3.04	11.04		
SPJ 4E50-250	L	4.73	3.04	11.04		
SPJ 5B200-400	_	4.92	3.23	11.23		
SPJ 5E200-400		4.92	3.23	11.23		
*SPJ 6B300-600	_	4.92	3.23	11.23		
SPJ 6E300-600	<u> </u>	4.92	3.23	11.23		
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^{*}WHEN USED IN MULTIPLE POLE CONFIGURATIONS, 0.50° SHOULD BE MAINTAINED BETWEEN ADJACENT BLOCK BASES WHEN MOUNTING THE FUSES SHOWN.

^{**}CURRENT RATING FOR 1MS104 IS 600 AMPS.



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