

Semi-Conductor Fuse Holders

Marathon Special Products has been an industry leader in electrical/electronic components designed for circuit protection and connection applications for over 60 years.

The new **Semi-Conductor Fuse Holders (FSM Series)** accommodate semi-conductor and high-speed specialty fuses that come in various sizes. This new FSM series is UL approved up to 1200 Amps and 1000 Volts.

The high electrical ratings make the Semi-Conductor Fuse Holders ideal for applications such as lithium-ion battery packs, inverters, industrial panels and other energy storage devices. The redesigned Semi-Conductor Fuse Holder series includes a new 1/2" stud design to increase current ratings from 800A to 1200A.

The new design incorporates a high strength engineering thermoplastic insulator base, which makes these fuse holders ideal for applications exposed to extreme conditions such as shock and vibration.



Blocks shown with fuse mounted (fuse not included)

MECHANICAL

- Insulator Base: High Strength Thermoplastic
- Stud, Nuts and Belleville Washers: Plated Steel
- Maximum Insulator Base Temperature Rating 125°C (257°F) UL RTI (impact)
- Flammability Rating of Insulator UL 94 V-0
- Hardware Provided Unassembled

CERTIFICATIONS

- UL Recognized, UL4248 Fuse Holder Standard, File No. IZLT2.E35113
- RoHS Compliant



The majority of Marathon's products have been tested and comply to UL requirements for use with flexible stranded wires, have short circuit current ratings (SCCR) and are CE 1000 Volt AC/DC rated. Marathon's short lead times, technical support, and excellent customer service assure you receive a quality product as quickly as possible. Please visit www.marathonsp.com for detailed datasheets and specific product information. You can also call us at (419) 352-8441 or email marketing@marathonsp.com.



FSM25E

FSM37E

FSM50E



Stud Sizes	1/4"-20 Stud	3/8"-16 Stud	1/2"-13 Stud
	Metric sizes (M6, M10, M12) available upon request - contact Customer Service for more information		
Electrical Ratings	400A, Up to 1000V AC/DC	800A, Up to 1000V AC/DC	1200A, Up to 1000V AC/DC
Application Torque	75 in-lbs	230 in-lbs	300 in-lbs
Withstand Rating	Approved for 200,000A, Tested at 111 kA ² s (I ² t) and 20.0 kA (Ip)	Approved for 200,000A, Tested at 274 kA ² s (I ² t) and 26.2 kA (Ip)	Approved for 200,000A, Tested at 465 kA ² s (I ² t) and 30.8 kA (Ip)
Mounting	Mount with #10 fastener, torque to 25-30 in. lbs.	Mount with #10 fastener, torque to 25-30 in. lbs.	Mount with 1/4" fastener, torque to 25-30 in. lbs.
Dimensions			

Datasheets available at marathonsp.com



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