

MEGA® SN SERIES SEALED WATER-RESISTANT FUSE HOLDER



Description

The Littelfuse MEGA® SN Series 70V Bolt-Down Sealed Water-Resistant Fuse Holder is an ideal solution for high-current, in-line, main or branch circuit protection in harsh or hazardous environments. AssureLatch™ sealed positive latching technology is used to ensure a water-resistant and ignition protected fuse holder design. A waterproof fuse compartment inside the fuse holder assembly protects against fuse corrosion.

The base features an M6 mounting hole and an M6 mounting slot for secure attachment, and it boasts a footprint that matches similar fuse holders, which makes switching from an unsealed to sealed fuse holder simple. A built-in tether between the fuse holder base and cover keeps the components together during servicing.

The MEGA® SN Series sealed fuse holder is available with and without pre-loaded MEGA® high-current bolt-down fuses.

Applications

- High-Amperage, In-Line, Main or Branch Circuit Protection in Harsh or Hazardous Environments

Web Resources

Download 2D print, installation guide and technical resources at: littelfuse.com/mega-sn

Ordering Information

PART NUMBER	DESCRIPTION	CURRENT RATING MAX	FUSE TYPE	MOUNTING METHOD	MAX VOLTAGE RATING	CURRENT RATING CONTINUOUS	CURRENT RATING MAX TERMINAL
880014	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder	500A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	375A	500A
880014125	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 125-Amp Fuse	125A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	93A	125A
880014150	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 150-Amp Fuse	150A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	112A	150A
880014175	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 175-Amp Fuse	175A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	131A	175A
880014225	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 225-Amp Fuse	225A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	168A	225A
880014300	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 300-Amp Fuse	300A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	225A	300A
880014350	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 350-Amp Fuse	350A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	262A	350A
880014400	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 400-Amp Fuse	400A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	300A	400A
880014450	70V Bolt-Down Sealed Water-Resistant In-Line Fuse Holder with 450-Amp Fuse	450A	MEGA	Bolt-Down, M6 Mounting hole and M6 Slot X 6MM Long	70VDC	337A	450A

Specifications

Current Rating Max:	500A
Fuse Type:	MEGA
Humidity:	0-95% RH

Recommended Torque

Recommended Input Terminal Stud Torque:	20Nm (15Lb-ft) ±20%, MAX. TORQUE 30Nm(22Lb-ft).
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Recommended Mounting Stud Torque For Littelfuse MEGA Fuse:

12-18Nm.

Mounting Torque For M6 Holes: 5-8 N-m (3.7-5.9 lb-ft)

Temperature in Celsius: -50°C to 125°C

Temperature in Fahrenheit: -58 °F to +257 °F

Max Voltage Rating: 70V

Features And Benefits

- AssureLatch™ positive latching technology helps ensure a water-resistant and ignition protected fuse holder
- Sealed, waterproof fuse compartment protects against fuse corrosion and allows you to use dielectric spray on cable terminals without compromising the fuse connections
- With an IP66/P69K rating, the fuse holder forms a dust-tight enclosure that protects against water ingress from high-pressure, high-temperature water jets
- Ignition protected to SAE J1171 and ISO 8846 for installation in a battery box or on vehicles carrying hazardous loads
- Stainless steel M8 hardware and tin-plated copper busbars offer long-term corrosion protection
- Shape-shut clips secure the cover in place
- Built-in tether keeps the cover connected to the base during servicing