

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). |
| 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