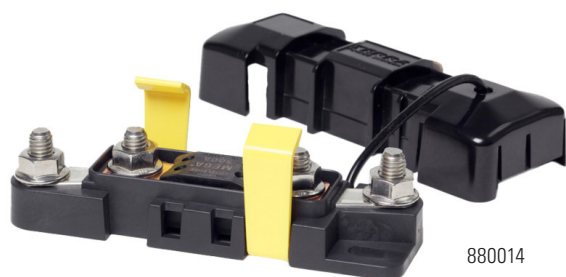


# MEGA® SN SERIES SEALED WATER-RESISTANT FUSE HOLDER



## 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](http://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

|   |   |
|---|---|
| <b>Current Rating Max:</b>  | 500A  |
| <b>Fuse Type:</b>   | MEGA  |
| <b>Humidity:</b>  | 0-95% RH  |
| <b>Recommended Torque</b>   |   |
| <b>Recommended Input Terminal Stud Torque:</b>                    | 20Nm (15Lb-ft) ±20%, MAX. TORQUE 30Nm(22Lb-ft). |
| <b>Recommended Mounting Stud Torque For Littelfuse MEGA Fuse:</b> |   |
|   | 12-18Nm.  |
| <b>Mounting Torque For M6 Holes:</b>                              | 5-8 N-m (3.7-5.9 lb-ft)                         |
| <b>Temperature in Celsius:</b>                                    | -50°C to 125°C                                  |
| <b>Temperature in Fahrenheit:</b>                                 | -58 °F to +257 °F                               |
| <b>Max Voltage Rating:</b>  | 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