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## Installation Instructions

Cable fuse box HSW 2811

### Intended use

The cable fuse box HSW 2811 is intended to be used in suitable lighting poles.

The cable fuse box HSW 2811 is designed for the connection of max. 3 underground cables.

Any other use of this product requires the consultation with the manufacturer.

### Safety instructions

When working on electrical systems, the valid regulations such as VDE 0100 must be observed. Installation may only be carried out by qualified personnel or instructed persons in a de-energized state.

### Service

In the event of malfunctions or complaints regarding the product, please contact your sales representative or the manufacturer.

### Technical data

Nominal voltage / -current	400 V / 50 V 16 A / 63 A
Degree of protection	IP54
Protection class	II
Measurements (L x W x H)	300 x 100 x 96 mm
Pole internal diameter	from Ø 120 mm
Door size	100 x 300 mm
Input connectors	max. 3 cables 5 x 6 - 35 mm <sup>2</sup>
Output connectors	rubber seal up to Ø 8 mm cable gland Ø 6 – 14 mm
	bottom outlet 1 or 2 cables up to Ø 12 mm

### Mounting in lighting poles

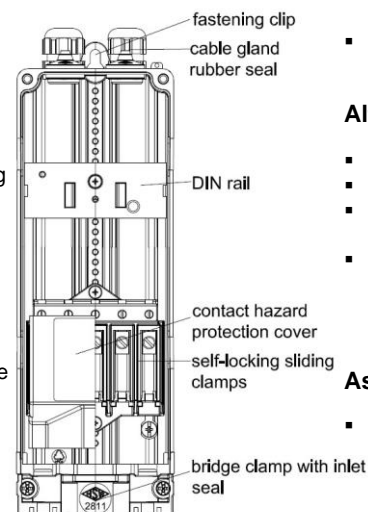
- Remove housing cover
- Remove bridge clamp
- Insert the cable fuse box into open lighting pole and fasten it to the mounting rail

### Adjust input seal

- Important!** With one input cable, always use the existing opening of the input seal!
- Break out the inlet seal at the engraved points according to the number and diameter of the input cables

### Connecting the input cable

- Strip the input cable and remove the filling material
- Insert the input cable so that the outer sheath extends into the connection compartment
- Snap on bridge clamp and screw tight
- Bending, shortening and stripping cable conductors to suit
- Mount or remove the PE/N - N connection, if present, as required*
- Insert the cable cores into the U-profiles according to the terminal assignment and fasten with the self-locking sliding clamps (torque max. 2,5 Nm)
- Snap the contact hazard protection cover on



### Connecting the output cable

Proceed according to the equipment of the cable fuse box:

#### Cable gland

- Strip the output cable, shortening and stripping cores
- Insert the output cable through the cable gland
- Screw the pressure nut together until the seal set between nut and cable forms a small bead

#### Rubber seal

- Cut off the nipple of the outlet seal to be used
- Slide outlet seal over output cable
- Strip output cable
- Insert the outlet seal with output cable into the slot of the cable fuse box
- Pull the output cable back a little so that the outgoing seal is in full contact with the cable
- Shortening and stripping cable conductors to suit

### Alternative bottom outlet

- For cables up to Ø 12 mm
- Strip the output cable, shortening and stripping cores
- Insert the output cable into the recess and secure it with a cable tie
- Connect the cable cores to the output terminals of the insert (torque max. 1,2 Nm) or to special components according to the cable assignment

### Assembly

- Fit housing cover and screw it tight

### Special components

- When special components are used, the respective regulations of the devices used must be observed