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## Installation Instructions

Cable fuse box HSW 1809

### Intended use

The cable fuse box HSW 1809 is intended to be used in suitable lighting poles.

The cable fuse box HSW 1809 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 / 16 A
Degree of protection	IP54
Protection class	II
Measurements (L x W x H)	180 x 82 x 83 mm
Pole internal diameter	from Ø 100 mm
Door size	89 x 200 mm
Input connectors	max. 3 cables from Ø 12 mm up to Ø 24 mm
Output connectors	1 or 2 cables up to Ø 8 mm or 4 x single core up to 2,5 mm <sup>2</sup>
	bottom outlet 1 or 2 cables up to Ø 12 mm

### Mounting in lighting poles

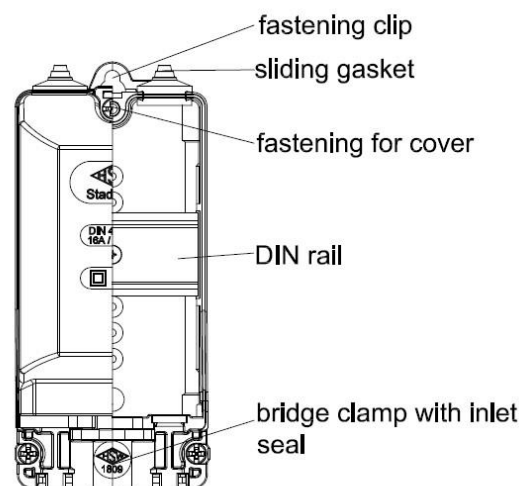
- Remove housing cover
- Remove bridge clamp
- Insert the cable fuse box into open lighting pole and fasten it to the mounting rail

### 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
- Connect the cable cores to the special components according to the cable assignment



### Connecting the output cable

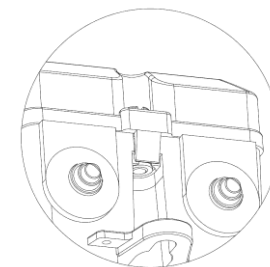
- Cut off the nipple of the outlet seal to be used
- Slide outlet seal over output cable
- Strip output cable
- Insert the outlet seal with output cable into the slot of the cable fuse box
- Pull the output cable back a little so that the outgoing seal is in full contact with the cable
- Shortening and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

### Alternative bottom outlet

- For cables up to Ø 12 mm
- Break out the plastic at the engraved points
- Strip output cable, shortening and stripping cable conductors
- Insert the outlet cable into the recess and secure it with a cable tie
- Connect the cable cores to the special components according to the cable assignment

### Assembly

- Fit housing cover, snap the housing cover and screw it tight



### Special components

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