

## EmClots® Connector V2 4-16 mm² GRID fastening elements

### Function

The **EmClots® Connector V2 GRID** is a component of the EmClots® systems from Indu-Sol. This system is used to implement a finely meshed, low-impedance, bonding network according to DIN EN 50310. The diverse components can be used for fastening, connecting, and branching copper conductor cables of extra-fine wire and stranded type. Undefined interference currents are thus prevented and uniform equipotential bonding is implemented even in long production lines. They are mounted to cable trays, cross beams, or other conductive system components.

### Note on usage

Assemble the EmClots® V2 GRID components according to the assembly guidelines. Besides the fastening above the through hole or the fastening threads M6 there is also a fastening along the cable tray by the terminal X1.x (Trunk) possible.

### Specifications

#### Dimensions

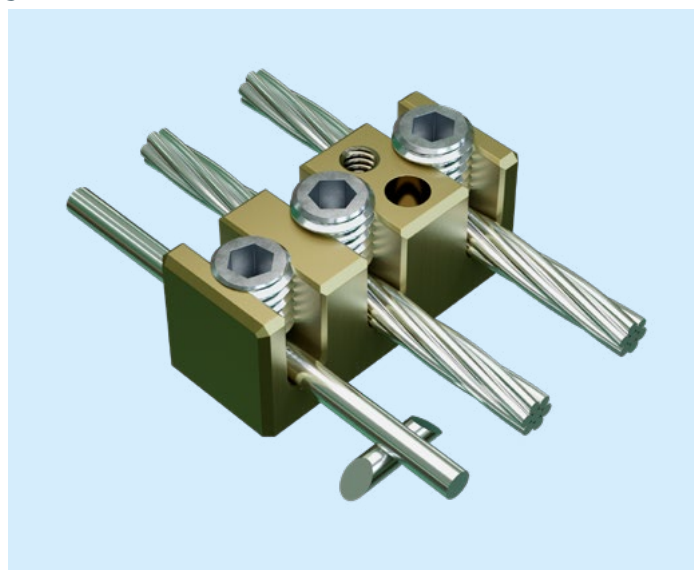
	H	W	D
Connector V2 4-16 mm²	18 mm	18 mm	43 mm
• Weight: 78 g			

#### Material and assembly data

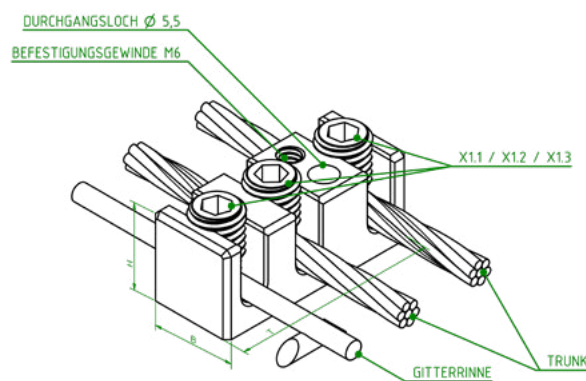
- Material: Brass
- Ambient temperature: -40 °C to +70 °C
- Level of contamination: 4
- Assembly from below:
  - Fastening thread M6
  - Torque: 5 Nm
  - Cylinder head screw, fully threaded (not in scope of supply)
- Assembly from above:
  - Through hole Ø 5.5 mm
  - Torque: 5 Nm
  - Cylinder head screw DIN 912 M5 (not in scope of supply)
- Assembly cable tray:
  - max. Ø of the Strut: 5 mm
  - Fastening over X1.x
  - Torque: 12Nm
  - M10 thread (screw included in scope of supply)
- Terminal X1 (Trunk):
  - Torque: 2 Nm for Conductor cable
  - M10 thread (screw included in scope of supply)

#### Conformity

- RoHS 2 (2011/65/EU) Compliant
- Electrical transitions: DIN EN 60512-2-2
- Mechanical stability: DIN EN 60721-3-3:1995
- Certified climate testing: Extended ambient temperature range



EmClots® Connector V2 4-16 mm² GRID



Technical drawing EmClots® Connector V2 4-16 mm² GRID

### Ordering specifications

### Cross-sections X

### Art. No.

EmClots® Connector V2 GRID

4-16 mm²

122180220