

## product data sheet

item no. 72.210.0653.0

male insert POW STS 6 6,0 69 AG

revos POWER 6 pole + ground, male insert 690V/35A, screw connection



|            |               |
|------------|---------------|
| item no.   | 72.210.0653.0 |
| EAN        | 4015573226784 |
| order unit | 10 piece(s)   |

## certificates / approvals



## technical data

### general

|                                                            |            |
|------------------------------------------------------------|------------|
| model                                                      | pin insert |
| inflammability class of insulation material acc. with UL94 | HB         |
| color                                                      | grey       |
| mating cycles                                              | 200        |
| pollution degree                                           | 3          |
| suitable for modular version                               | no         |
| operating temperature range min.                           | -40 °C     |
| operating temperature range max.                           | 120 °C     |

### connection data

|                                                |                     |
|------------------------------------------------|---------------------|
| connection type                                | screw connection    |
| number of poles                                | 6                   |
| plus switching contacts                        | 0                   |
| number of pole for rated current 2             | 0                   |
| number of pole for rated current 3             | 0                   |
| total number of poles (without ground contact) | 6                   |
| with wire protection                           | yes                 |
| min. conductor diameter rigid (solid/stranded) | 2.5 mm <sup>2</sup> |
| max. conductor diameter rigid (solid/stranded) | 6 mm <sup>2</sup>   |
| protective contact                             | yes                 |

### technical data UL/CSA

|                                            |                     |
|--------------------------------------------|---------------------|
| nominal voltage according to UL/CSA        | 600 V               |
| nominal current according UL               | 35 A                |
| nominal current according CSA              | 35 A                |
| min. conductor cross section flexible wire | 2.5 mm <sup>2</sup> |
| max. conductor cross section flexible wire | 6 mm <sup>2</sup>   |
| conductor cross section flexible AWG wire  | 14-8 AWG            |

### model

|              |    |
|--------------|----|
| with housing | no |
|--------------|----|

**contacts**

|                    |               |
|--------------------|---------------|
| contact material   | copper alloy  |
| surface            | silver-plated |
| contact resistance | # 0.6 mOhm    |
| wire strip length  | 10 mm         |

**screws head design/recomm. Torque**

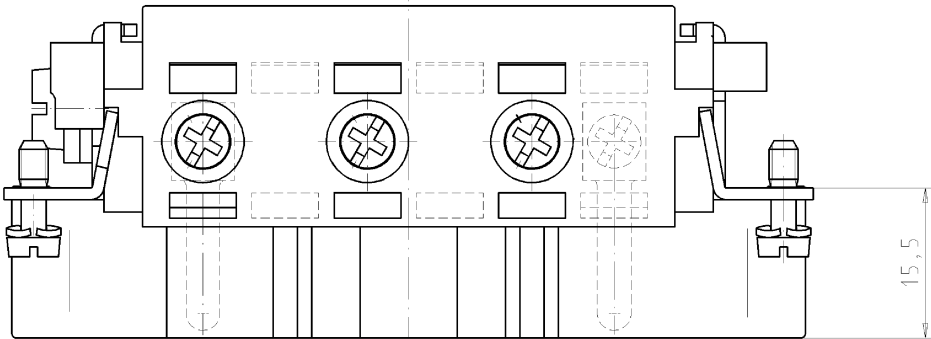
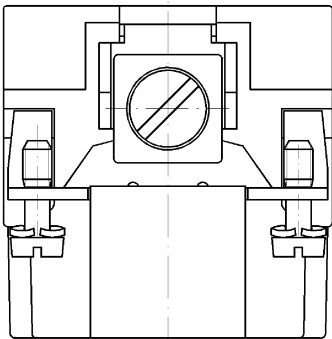
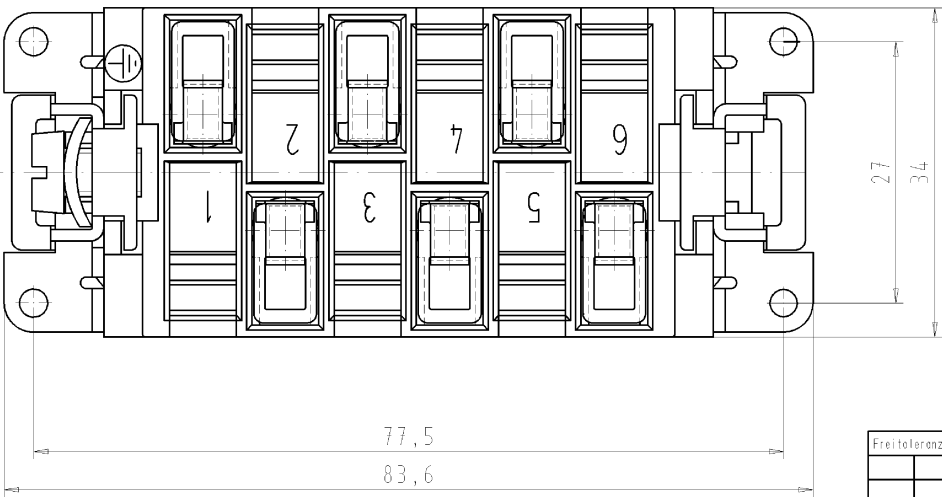
|                         |                    |
|-------------------------|--------------------|
| mounting screws         | H1/0.5-0.7 Nm      |
| clamping screws         | H1/1.2-1.6 Nm      |
| ground conductor screws | M5/2.0-2.5 Nm slot |

**technical data DIN EN 61984**

|                             |       |
|-----------------------------|-------|
| nominal voltage             | 690 V |
| nominal voltage face/ground | 690 V |
| nominal current             | 35 A  |
| rated impulse voltage       | 8 kV  |

**assembly**

| item no.      | type                              | description                                                            |
|---------------|-----------------------------------|------------------------------------------------------------------------|
| 72.200.0653.0 | female insert POW BUS 6 6,0 69 AG | revos POWER 6 pole + ground, female insert, 690V/35A, screw connection |



— Diese Maße werden bei Abnahme besonders geprüft  
— Ausschließlich für Profis  
Nur für professionellen Gebrauch. Nicht für EP, Industrie, Zivile, Militär.

Weitere Daten siehe Katalog  
further data see catalog

|                       |               |                                                                                       |                                             |  |                                                                              |                 |          |               |       |
|-----------------------|---------------|---------------------------------------------------------------------------------------|---------------------------------------------|--|------------------------------------------------------------------------------|-----------------|----------|---------------|-------|
| Freitoleranz nach DIN |               |                                                                                       | CAD - Zeichnung, keine manuellen Änderungen |  |                                                                              | 1.Verwendung: - |          | Bl.: 1 von 1  |       |
|                       | /             | Maßstab                                                                               | Werkstoff und Oberfläche:                   |  | 2005                                                                         | Tag             | Name     | Zeichnung Nr. | Index |
|                       | /             | 1:1                                                                                   |                                             |  | Entworfen                                                                    | 05.07.          | Treschan |               |       |
|                       | /             |                                                                                       |                                             |  | Geprüft                                                                      | -               | -        |               |       |
|                       | /             |                                                                                       |                                             |  | Normgepr.                                                                    | -               | -        |               |       |
|                       | /             |  | <b>wieland</b>                              |  | Ersatz für: -                                                                |                 |          |               |       |
|                       | /             |                                                                                       |                                             |  | Benennung<br><br><b>STECKEREINSATZ</b><br>plug insert<br>6 - polig / 6 poles |                 |          |               |       |
|                       | /             |                                                                                       |                                             |  |                                                                              |                 |          |               |       |
|                       | /             |                                                                                       |                                             |  |                                                                              |                 |          |               |       |
| Buchstabe             | Datum / Blatt | Elektrische Verbindungen                                                              |                                             |  |                                                                              |                 |          |               |       |
| Änderung              |               |                                                                                       |                                             |  |                                                                              |                 |          |               |       |