

**Product:** [STAKEI 3 N V0](#) 

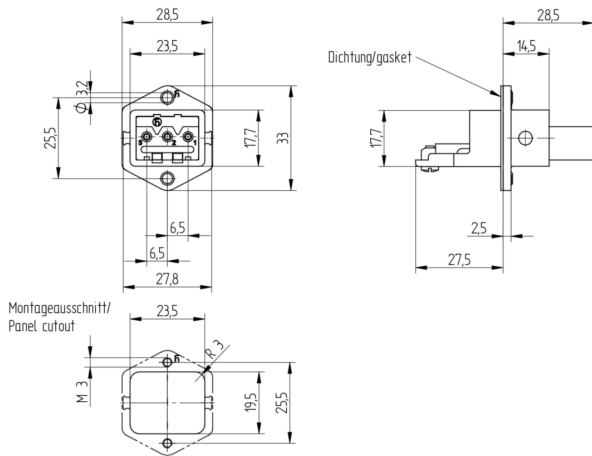


Rectangular Receptacle Power Connector (ST Series): Female, front mount with flange, 3-pin+PE, grey housing, 400 V AC / 230 V DC, 16 A AC/10 A DC

**Product Description**

Rectangular Receptacle Power Connector (ST Series): Female, front mount with flange, 3-pin+PE, grey housing, 400 V AC / 230 V DC, 16 A AC/10 A DC

**Technical Drawing**



**Technical Specifications**

**Technical Data**

|                                   |  |
|-----------------------------------|--|
| Product Family:                   | Power Connector                              |
| Product Sub Family:               | ST-Series                                    |
| Brand:                            | Hirschmann                                   |
| Connector Type:                   | Receptacle                                   |
| Type of Contact / Gender:         | female                                       |
| Connector Design:                 | Front Mount with flange                      |
| Number of Pins:                   | 3+PE   |
| Shielding:                        | Unshielded                                   |
| Attachment Type:                  | safety bracket                               |
| Rated Voltage:                    | 400 V AC / 250 V DC                          |
| Rated Impulse Voltage:            | 2.5 / 4.0 kV                                 |
| Operating Voltage:                | 400 V AC / 230 V DC                          |
| Rated Current*:                   | 16 A   |
| Contact Resistance:               | ≤ 10 mOhm                                    |
| Mating Cycles:                    | max. 50                                      |
| Type of Connection:               | screw terminal                               |
| Conductor Cross Section:          | 0.25 mm <sup>2</sup> to 1.50 mm <sup>2</sup> |
| Ambient Temperature (Operation)*: | -30°C to +90°C, notice Derating              |
| Temperature Range (Gasket):       | -30°C to +90°C                               |
| Protection Degree / IP Rating**:  | IP54   |

|                                |                                       |
|--------------------------------|---------------------------------------|
| Design Standard:               | DIN EN 61984 (VDE 0627), IEC 60335    |
| Pollution Degree:              | 3 acc. to DIN EN 60664-1 (VDE 0110-1) |
| Clearance / Creepage Distance: | DIN EN 60664-1 (2008/01); VDE 0110-1  |

## Materials

|                                      |                                   |
|--------------------------------------|-----------------------------------|
| Contact Base Material:               | CuZn                              |
| Contact Plating:                     | Cu/Sn                             |
| Contact Bearer Material:             | PA GF                             |
| Contact Bearer Color:                | black                             |
| Flammability Class (Contact Bearer): | UL 94 V-0; GWFI 850°C; GWIT 775°C |
| Housing Material:                    | PA GF                             |
| Housing Color:                       | grey                              |
| Flammability Class (Housing):        | UL 94 V-0; GWFI 850°C; GWIT 775°C |
| Gasket Material:                     | NBR                               |

## Additional Technical Data

|                                    |                                      |
|------------------------------------|--------------------------------------|
| Fastening Torque (Contact Screw):  | M3: (25-30) Ncm                      |
| Fastening torque (mounting screw): | M 3: (50-60) Ncm, flange             |
| Mounting:                          | Screw: M3 (2x)                       |
| Accessories to Order Separately:   | STASI 3, 732-045-..., safety bracket |

## Approvals

|          |           |
|----------|-----------|
| UL-File: | E95522    |
| UL:      | UL        |
| VDE:     | VDE 61984 |
| SEV:     | SEV       |

## Notes

|                                     |  |
|-------------------------------------|--|
| Note Derating:                      | * Notice derating  |
| Protection Degree / IP Rating Note: | ** only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.     |
| Note:                               | Do not connect or disconnect under load.   |
| Particularities:                    | * flame retardant of the plastic materials according to DIN EN 60335-1: GWFI 850 °C; GWIT 775 °C |

## Variants

| Item #    | Item Description |
|-----------|------------------|
| 932142100 | STAKEI 3 N V0    |

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