

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

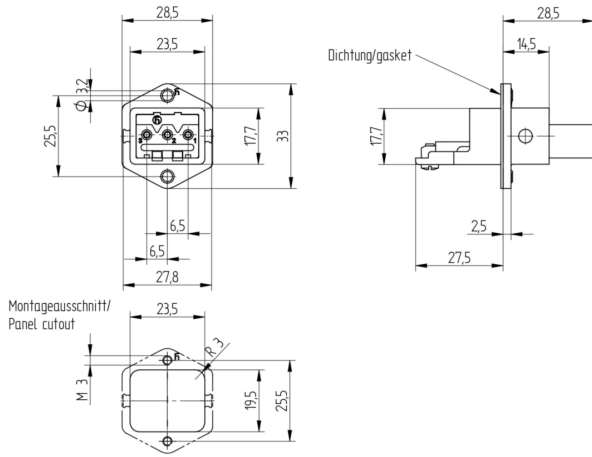


Rectangular Receptacle Power Connector (ST Series): Female, front mount with flange, 3-pin+PE, grey housing, 400 V AC / 230 V DC, 16 A AC/10 A DC

**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                 |
| Side 1 Product Sub Family:        | ST-Series                       |
| Brand:                            | Hirschmann                      |
| Connector Type:                   | Receptacle                      |
| Side 1 Type of Contact/Gender:    | female                          |
| Connector Design:                 | Front Mount with flange         |
| Number of Pins:                   | 3+PE                            |
| Shielding Type:                   | Unshielded                      |
| Attachment Type:                  | safety bracket                  |
| Voltage Rating:                   | 400 V AC / 250 V DC             |
| Rated Impulse Voltage:            | 2.5 / 4.0 kV                    |
| Operating Voltage:                | 400 V AC / 230 V DC             |
| Current Rating:                   | 16 A                            |
| Contact Resistance:               | ≤ 10 mOhm                       |
| Mating Cycles:                    | max. 50                         |
| Type of Connection:               | screw terminal                  |
| Cross Section:                    | 0.25 mm² to 1.50 mm²            |
| 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)               |
| 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      |
| Side 1 Contact Plating:              | Cu/Sn     |
| Contact Bearer Material:             | PA GF     |
| Contact Bearer Color:                | black     |
| Flammability Class (Contact Bearer): | UL 94 V-0 |
| Housing Material:                    | PA GF     |
| Housing Color:                       | grey      |
| Flammability Class (Housing):        | UL 94 HB  |
| Gasket Material:                     | NBR       |

Additional Technical Data

|                                    |                                      |
|------------------------------------|--------------------------------------|
| Fastening Torque (Contact Screw):  | M3: (25-30) Ncm                      |
| Fastening torque (mounting screw): | M 3: (50-60) Ncm, flange             |
| Mount Type:                        | 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.   |

Variants

| Item #    | Item Description |
|-----------|------------------|
| 932142106 | STAKEI 3 N       |

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