

**Product:** [STAS 3 N V0 grey](#) 

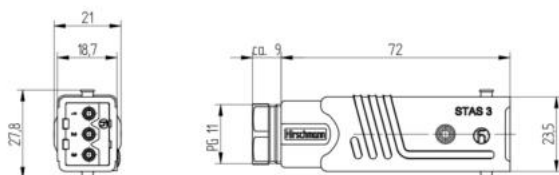


Rectangular Field Attachable Power Connector (ST Series): Male, straight with strain relief , 3-pin+PE, grey housing, 400 V AC/230 V DC, 16 A AC/10 A DC

### Product Description

Rectangular Field Attachable Power Connector (ST Series): Male, straight with strain relief , 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:           | Field attachable            |
| Type of Contact / Gender: | male                        |
| Connector Design:         | Straight with strain relief |
| 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              |
| Cable Gland:              | PG 11                       |
| Conductor Cross Section:  | 0.25 mm² to 1.50 mm²        |
| Strain-Relief:            | Cable clamp                 |
| Suitable Cables:          | Ø6 mm to Ø10 mm             |

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Ambient Temperature (Operation)*: | -30°C to +90°C, notice Derating       |
| 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 |
| Cable Gland Material:                | PA GF                             |
| Cable Gland Gasket:                  | NBR (cable gland)                 |
| Cable Gland Color:                   | grey                              |
| Flammability Class (Cable Gland):    | UL 94 V-0; GWFI 850°C; GWIT 775°C |
| Strain-Relief Material:              | PA GF                             |

Additional Technical Data

|                                         |                                      |
|-----------------------------------------|--------------------------------------|
| Fastening Torque (Contact Screw):       | M3: (25-30) Ncm                      |
| Fastening Torque (Cable Gland):         | PG 11: (250-375) Ncm                 |
| Fastening torque (strain relief screw): | BZ 2.9x14: (40-50) Ncm               |
| Fastening Torque (Attachment):          | BZ 2.9x14: (40-50) Ncm               |
| 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 |
|-----------|------------------|
| 932143406 | STAS 3 N V0 grey |

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