

Product: [STAS 20](#) 

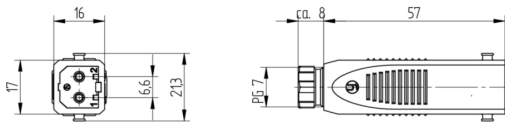


Rectangular Field Attachable Power Connector (ST Series): Male, straight with strain relief , 2-pin+PE, grey housing, 230 V AC/DC, 16 A AC/6 A DC

Product Description

Rectangular Field Attachable Power Connector (ST Series): Male, straight with strain relief , 2-pin+PE, grey housing, 230 V AC/DC, 16 A AC/6 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: | 2+PE |
| Shielding: | Unshielded |
| Attachment Type: | safety bracket |
| Rated Voltage: | 250 V AC/DC |
| Rated Impulse Voltage: | 2.5 kV |
| Operating Voltage: | 230 V AC/DC |
| Rated Current*: | 16 A AC / 10 A DC |
| Contact Resistance: | ≤ 10 mOhm |
| Mating Cycles: | max. 50 |
| Type of Connection: | screw terminal |
| Cable Gland: | PG 7 |
| Conductor Cross Section: | 0.25 mm ² to 1.50 mm ² |
| Strain-Relief: | Cable clamp |
| Suitable Cables: | Ø4 mm to Ø6.5 mm |

| | |
|-----------------------------------|---------------------------------------|
| Ambient Temperature (Operation)*: | -30°C to +90°C, notice Derating |
| 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

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|--------------------------------------|---------------------|
| 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 |
| Housing Material: | PA GF |
| Housing Color: | grey |
| Flammability Class (Housing): | UL 94 HB |
| Cable Gland Material: | PA GF |
| Cable Gland Gasket: | NBR (cable gland) |
| Cable Gland Color: | grey |
| Flammability Class (Cable Gland): | UL 94 V-0 |
| Strain-Relief Material: | CuZn, nickel-plated |

Additional Technical Data

| | |
|---|--------------------------------------|
| Fastening Torque (Contact Screw): | M3: (25-30) Ncm |
| Fastening Torque (Cable Gland): | PG 7:(150-250) Ncm |
| Fastening torque (strain relief screw): | M 2: (30-40) Ncm |
| Fastening Torque (Attachment): | M 2.5: (40-50) Ncm, housing |
| Accessories to Order Separately: | STASI 2, 732-044-..., safety bracket |

Approvals

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

Notes

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|-------------------------------------|--|
| 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 |
|-----------|------------------|
| 931265106 | STAS 20 |

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