



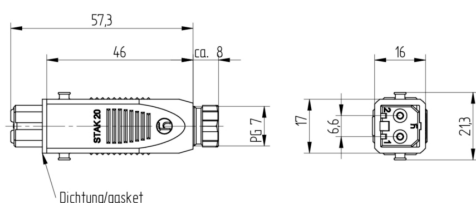
**Product:** [STAK 20](#) 

Rectangular Field Attachable Power Connector (ST Series): Female, 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): Female, 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: | female                      |
| 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 / 6 A DC            |
| Contact Resistance:       | ≤ 10 mOhm                   |
| Mating Cycles:            | max. 50                     |
| Type of Connection:       | screw terminal              |
| Cable Gland:              | PG 7                        |
| Conductor Cross Section:  | 0.25 mm² to 1.50 mm²        |
| Strain-Relief:            | Cable clamp                 |

|                                   |                                       |
|-----------------------------------|---------------------------------------|
| Suitable Cables:                  | Ø4 mm to Ø6.5 mm                      |
| 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                   |
| Contact Plating:                     | Cu/Sn                  |
| Contact Bearer Material:             | PA 66 GF               |
| Contact Bearer Color:                | black                  |
| Flammability Class (Contact Bearer): | UL 94 V-0              |
| Housing Material:                    | PA 6 GF                |
| Housing Color:                       | grey                   |
| Flammability Class (Housing):        | UL 94 HB               |
| Cable Gland Material:                | PA 6 GF                |
| Cable Gland Gasket:                  | SBR /NBR (cable gland) |
| Cable Gland Color:                   | grey                   |
| Flammability Class (Cable Gland):    | UL 94 V-0              |
| Strain-Relief Material:              | CuZn, nickel-plated    |
| Gasket Material:                     | NBR (flat gasket)      |

Additional Technical Data

|                                         |                                      |
|-----------------------------------------|--------------------------------------|
| Fastening Torque (Contact Screw):       | M 3: (30-40) 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

|                                     |                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------|
| 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 |
|-----------|------------------|
| 931264106 | STAK 20          |

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