



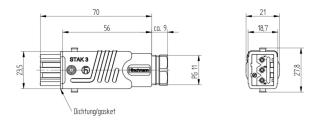
# Product: STAK 3 N grey □

Rectangular Field Attachable Power Connector (ST Series): Female, 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): Female, 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
Side 1 Product Sub Family:	ST-Series
Brand:	Hirschmann
Connector Type:	Field attachable
Side 1 Type of Contact/Gender:	female
Connector Design:	Straight with strain relief
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
Cable Gland:	PG 11
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	
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
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:	PA GF
Gasket Material:	NBR (flat gasket)

#### **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.	

#### Variants

Item #	Item Description
932140106	STAK 3 N grey

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