



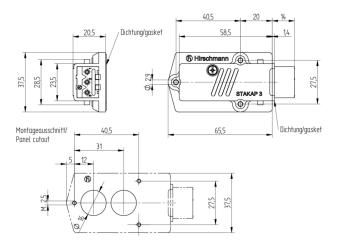


Rectangular Receptacle Power Connector (ST Series): Female, panel mount, 3-pin+PE, grey housing, 400 V AC / 230 V DC, 16 A AC/10 A DC

### **Product Description**

Rectangular Receptacle Power Connector (ST Series): Female, panel mount, 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:	Receptacle	
Type of Contact / Gender:	female	
Connector Design:	Panel Mount with flange	
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	
Conductor 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
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 2.5: (40-50) Ncm, flange	
Fastening Torque (Attachment):	BZ 2.9x14: (40-50) Ncm	
Mounting:	Screw: M 2.5 (3x)	
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
932513106	STAKAP 3 N

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