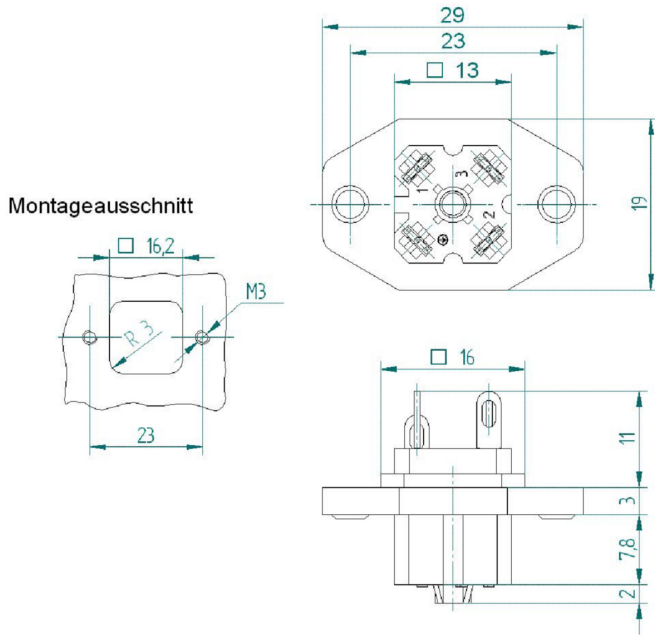


Part Number: G 30 E 3 F

Product Description

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Power Connector
Product Sub Family:	G Series
Brand:	Hirschmann
Connector Type:	Receptacle
Type of Contact / Gender:	female
Connector Design:	Front mount with flange
Number of Pins:	3+PE
Shielding:	Unshielded
Rated Voltage:	250 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current:	10 A
Contact Resistance:	≤ 10 mOhm
Mating Cycles:	≤ 50
Type of Connection:	solder
Conductor Cross Section:	max. 0.75 mm ²
Ambient Temperature (Operation):	-40°C to +90°C

Protection Degree / IP Rating:	IP65
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:	grey
Flammability Class (Contact Bearer):	UL 94 HB
Gasket Material:	NBR

Additional Technical Data

Fastening torque (mounting screw):	M 3: (50-60) Ncm
Mounting:	M 3 screws (2x)
Mating Connectors / Fitting to:	G 30 E 3 M..., G 30 A 3 M...

Approvals

VDE:	VDE-Reg.-Nr.: 3113
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Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Protection Degree / IP Rating Note:	* only if mounted and locked in combination with Hirschmann / Lumberg connector.
Note Derating:	Notice derating
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description
931782106	G 30 E 3 F

Update and Revision:	Revision Number: 0.11 Revision Date: 08-06-2018
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