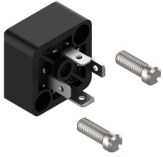


Product: 933116100 (GSSA 300 Black)

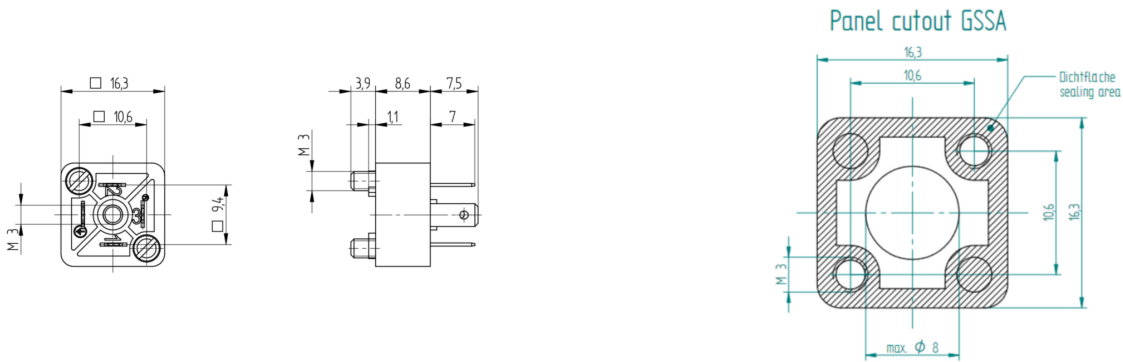


GSSA - Male Receptacle Surface Mount, Form C, Contacts: 3+PE, solder type, 250 V | 6 A; cURus 1977

Product Description

Industrial Standard: Male Receptacle Surface Mount, Form C, Contacts: 3+PE, solder type, 250 V | 6 A; cURus 1977

Technical Drawing



Technical Specifications

Technical Data

Product Family:	Valve Connectors
Side 1 Product Sub Family:	GSSA Industrial Standard
Brand:	Hirschmann
Connector Type:	Receptacle
Side 1 Type of Contact/Gender:	Male
Connector Design:	Straight
Number of Pins:	3+PE
Coding, Side 1:	C
Shielding Type:	Unshielded
Attachment Type:	2 screws M 3 x 8
Voltage Rating:	250 V
Rated Voltage (UL):	250 V
Rated Voltage (CSA):	300 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Current Rating:	6 A
Rated Current (UL)*:	6 A
Rated Current (CSA)*:	6 A

Side 1 Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10 ⁹ Ohm
Mating Cycles:	≤ 50
Type of Connection:	Solder
Cross Section:	0.08 - 0.75 mm ²
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Operating Temperature (UL):	max. + 65 °C
Operating Temperature (CSA):	max. + 65 °C
Protection Degree / IP Rating**:	IP65
Side 1 Pollution Degree:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Clearance / Creepage Distance:	DIN EN 60664-1 (2008/01); VDE 0110-1
Overvoltage Category:	III acc. to DIN EN 60664-1 (VDE 0110-1)

Materials

Contact Base Material:	CuZn
Side 1 Contact Plating:	Cu/Au
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 V-2
Housing Color:	black

Additional Technical Data

Fastening torque (mounting screw):	(50-60) Ncm
Mount Type:	M3 (2x)
Accessories to Order Separately:	(NBR) flat gasket GSSA 300-5, Part Number. 730233002; (EPDM) flat gasket GSSNA 300-6, Part Number. 730312003

Approvals

UL-File:	E95522
UL:	UL 1977; UR
VDE:	yes
CSA:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes
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Notes

Note Derating:	Notice derating
Protection Degree / IP Rating Note:	*IP Rating test performed by Belden with Belden Connectors only
Note:	Do not connect or disconnect under load.

Variants

Item #	Item Description	Packaging
933116100	GSSA 300	S - Bulk Packaging, 200 pieces per carton, unassembled

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