HIRSCHMANN
A BELDEN BRAND

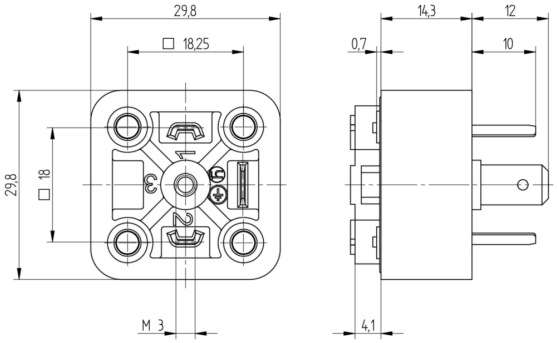
Product: GSA-U 2075 SK

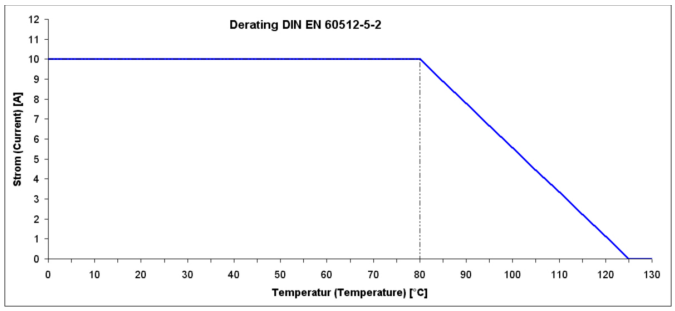
GSA-U DIN standard receptacle with IDC contacts: Form A, 3-pin (2+1PE), IDC type; 400 V AC/DC, 16 A

Product Description

GSA-U DIN standard receptacle with IDC contacts: Form A, 3-pin (2+1PE), IDC type; 400 V AC/DC, 16 A

Technical Drawing





Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GSA-U
Brand:	Hirschmann
Connector Type:	Receptacle
Connector Sub Type:	Rectangular molded receptacle with IDC contacts
Type of Contact / Gender:	Male
Connector Design:	Straight
Number of Pins:	2+PE
Coding:	A
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	400 V AC/DC
Rated Current*:	16 A
Contact Resistance:	≤ 10 mOhm
Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 50
Type of Connection:	IDC
Conductor Cross Section:	0.75 mm²
Ambient Temperature (Operation)*:	-40 °C - +125 °C

Protection Degree / IP Rating**:	IP65 / IP67
Design Standard:	DIN EN 175301-803-A, ISO 4400
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
Contact Plating:	Cu/Sn
Contact Bearer Material:	PA GF
Contact Bearer Color:	black
Flammability Class (Contact Bearer):	UL 94 HB
Housing Color:	black

Additional Technical Data

Fastening torque (mounting screw):	(50-60) Ncm
Mounting:	M3 (4x)

Approvals

VDE:	yes
SEV:	yes

Safety & Environmental Compliance

RoHS Compliant:	yes

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
933380100	GSA-U 2075 SK

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