



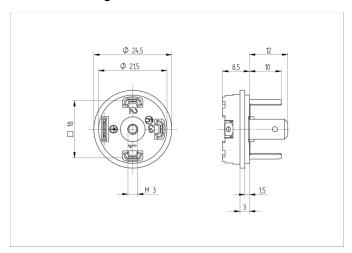
Product: GSP-U 3000 SN ☑

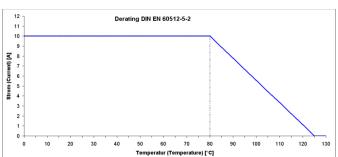
GSP-U DIN standard receptacle with connection thread and solder contacts: Form A, 4-pin (3+1PE), solder type; 400 V AC/DC, 16 A

Product Description

GSP-U DIN standard receptacle with connection thread and solder contacts: Form A, 4-pin (3+1PE), solder type; 400 V AC/DC, 16 A

Technical Drawing





Technical Specifications

Technical Data

Product Family:	Valve Connectors	
Product Sub Family:	GSP-U	
Brand:	Hirschmann	
Connector Type:	Receptacle	
Connector Sub Type:	Circular receptacle with connection thread and solder contacts	
Type of Contact / Gender:	Male	
Connector Design:	Straight	
Number of Pins:	3+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:	Solder	
Conductor Cross Section:	0.08 - 1.5 mm²	

Ambient Temperature (Operation)*:	-40 °C - +125 °C	
Protection Degree / IP Rating**:	IP65	
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	

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 Color:	black

Approvals

VDE:	yes
SEV:	yes

Safety & Environmental Compliance

Notes

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

Variants

Item #	Item Description
832954200	GSP-U 3000 LO SN

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