



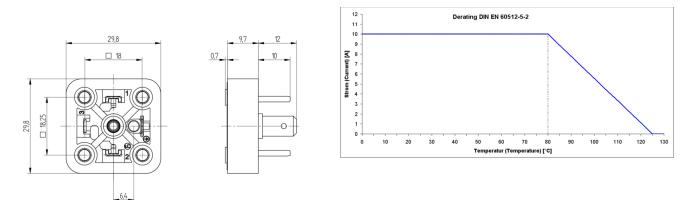
# Product: <u>GSA 2000</u> 27

GSA DIN standard receptacle with longitudinal slots and oblong holes for optional front soldering: Form A, 3-pin (2+1PE), UL 1977, solder type (PE screw type); 400 V AC/DC, 16 A

# **Product Description**

GSA DIN standard receptacle with longitudinal slots and oblong holes for optional front soldering: Form A, 3-pin (2+1PE), UL 1977, solder type (PE screw type); 400 V AC/DC, 16 A

## **Technical Drawing**



# **Technical Specifications**

## **Technical Data**

Product Family:	Valve Connectors	
Product Sub Family:	GSA	
Brand:	Hirschmann	
Connector Type:	Receptacle	
Connector Sub Type:	Rectangular receptacle with longitudinal slots and oblong holes for optional front soldering	
Type of Contact / Gender:	Male	
Connector Design:	Straight	
Number of Pins:	2+PE	
Coding:	A	
Shielding:	Unshielded	
Attachment Type:	Central Screw	
Rated Voltage (UL):	300 V	
Rated Voltage (CSA):	250 V	
Rated Impulse Voltage:	4.0 KV	
Operating Voltage:	400 V AC/DC	
Rated Current*:	16 A	
Rated Current (UL)*:	15 A	
Rated Current (CSA)*:	10 A	
Contact Resistance:	≤ 10 mOhm	

Insulation Resistance:	> 10^9 Ohm
Mating Cycles:	≤ 50
Type of Connection:	Solder / PE Screw
Conductor Cross Section:	0.08 - 1.5 mm²
Ambient Temperature (Operation)*:	-40 °C - +125 °C
Operating Temperature (UL):	max. + 90 °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
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 V-0
Housing Color:	black

### **Additional Technical Data**

Fastening Torque (Contact Screw):	(50-60) Ncm
Fastening torque (mounting screw):	(50-60) Ncm
Mounting:	M3 (2x)

#### **Approvals**

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

## Safety & Environmental Compliance

ion

RoHS Compliant:	yes	
Notes		
Note Derating:	Notice derating	

Do not connect or disconnect under load.

\*\* only if mounted and locked in combination with Hirschmann / Lumberg Automation connector.

Note:	
Variants	

	-
Item #	Item Descrip

Protection Degree / IP Rating Note:

932591100 GSA 2000

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