



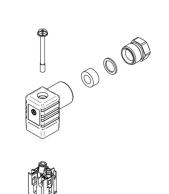
# Product: GDSN 207 black

GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), UL 1977, black housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

# **Product Description**

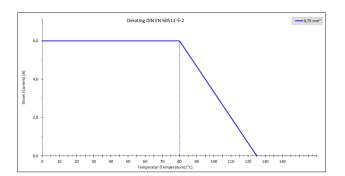
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### **Technical Drawing**









## **Technical Specifications**

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#### **Technical Data**

Product Family:	Valve Connectors	
Product Sub Family:	GDSN DIN Standard	
Brand:	Hirschmann	
Connector Type:	Field attachable	
Type of Contact / Gender:	Female	

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Connector Design:	Angled	
Number of Pins:	2+PE (PE across cable outlet)	
Coding:	c	
Shielding:	Unshielded	
Attachment Type:	Central Screw	
Rated Voltage:	250 V AC/DC	
Rated Voltage (UL):	250 V	
Rated Voltage (CSA):	300 V	
Rated Impulse Voltage:	4.0 KV	
Operating Voltage:	230 V AC/DC	
Rated Current*:	6 A	
Rated Current (UL)*:	6 A	
Rated Current (CSA)*:	6 A	
Contact Resistance:	≤ 10 mOhm	
Insulation Resistance:	> 10^9 Ohm	
Mating Cycles:	≤ 50	
Type of Connection:	Screw	
Cable Gland:	PG7	
Conductor Cross Section:	0.25 - 0.75 mm²	
Suitable Cables:	Ø 4.5 - 6 mm	
Ambient Temperature (Operation)*:	-40 °C - +125 °C	
Operating Temperature (UL):	max. + 65 °C	
Operating Temperature (CSA):	max. + 65 °C	
Protection Degree / IP Rating**:	IP65	
Design Standard:	DIN EN 175301-803-C, 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-2	
Housing Material:	PA GF	
Housing Color:	black	
Flammability Class (Housing):	UL 94 HB	
Cable Gland Material:	PA GF	
Cable Gland Gasket:	NBR	
Cable Gland Color:	black	
Flammability Class (Cable Gland):	UL 94 HB	
Attachment Material:	Steel, Philips combi slot	

# Additional Technical Data

Fastening Torque (Contact Screw):	M3: (25-30) Ncm	
Fastening Torque (Cable Gland):	(150-200) Ncm	
Fastening Torque (Attachment):	(40-50) Ncm	

### Approvals

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

#### Safety & Environmental Compliance

#### Notes

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

#### Variants

Item #	Item Description
000407400	000100711

933137100 GDSN 207 black

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yes

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