



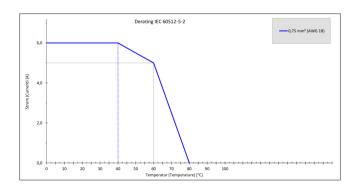
Product: GDSN 207 ☑

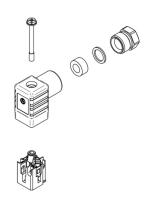
GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), UL 1977, translucent housing, screw type, PG7; without circuitry, 230 V AC/DC, 6 A

Product Description

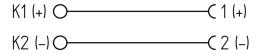
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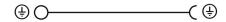
Technical Drawing











Technical Specifications

Technical Data

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

Connector Design:	Angled	
Number of Pins:	2+PE (PE across cable outlet)	
Coding:	С	
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:	Translucent
Flammability Class (Housing):	UL 94 HB
Cable Gland Material:	PA GF
Cable Gland Gasket:	NBR
Cable Gland Color:	grey
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

RoHS Compliant:	yes
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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
933137112	GDSN 207

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