

Product: [GDSNL 207 LED 230 VR YE black](#)

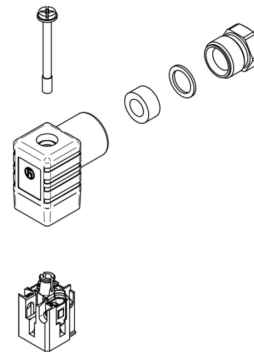
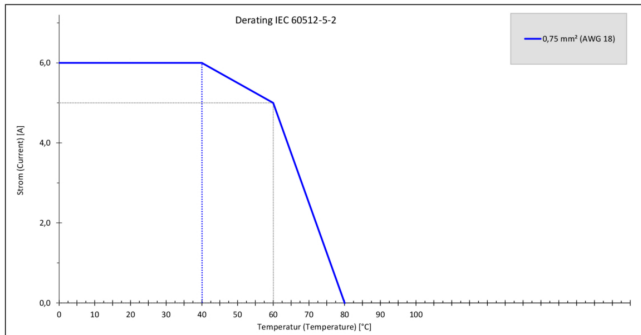


GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with varistor and yellow LED, 230 V AC/DC, 6 A

Product Description

GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with varistor and yellow LED, 230 V AC/DC, 6 A

Technical Drawing



Montageanleitung
Feldanschlussbarer
GDS (N) Steckverbinder

GDS ...

GDSN ...

IP 65

Kabeldurchmesser: Ø 4.5 - Ø 6.0 mm
Leitungsquerschnitt: 0.34 mm² - 0.75 mm²

Achtung!
Nicht unter Last stecken/stecken!

Warnung:
Bei Montage des Steckers ist die Strombelastung zu berücksichtigen. Die Strombelastung ist in der Tabelle angegeben. Bei Montage des Steckers ist die Strombelastung zu berücksichtigen. Die Strombelastung ist in der Tabelle angegeben.

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Sicherheitsbedeutende Hinweise

Dieses Produkt enthält Hinweise, die für die sichere Installation und den Betrieb des Produkts erforderlich sind. Bitte lesen Sie die Hinweise sorgfältig durch und befolgen Sie die Anweisungen. Die Hinweise sind in der Tabelle angegeben. Bei Montage des Steckers ist die Strombelastung zu berücksichtigen. Die Strombelastung ist in der Tabelle angegeben.

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Assembly Instructions
Field attachable (GDS(N)) Connector

GDS ...

GDSN ...

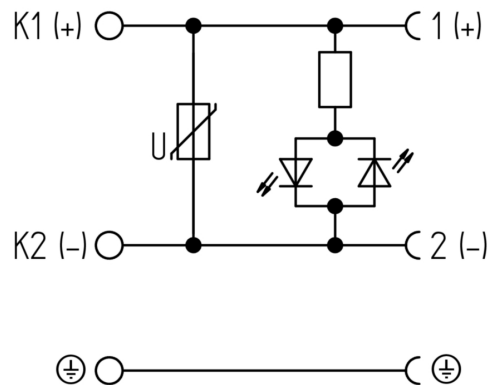
IP 65

Cable specification:
Cable diameter: Ø 4.5 - Ø 6.0 mm
Conductor size: 0.34 mm² - 0.75 mm²

CAUTION:
Not for current interrupting!

Warning:
When mounting the connector, the current rating must be taken into account. The current rating is given in the table. When mounting the connector, the current rating must be taken into account. The current rating is given in the table.

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Technical Specifications

Technical Data

Product Family:	Valve Connectors
Product Sub Family:	GDSNL 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:	C
Shielding:	Unshielded
Attachment Type:	Central Screw
Rated Voltage:	250 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	230 V AC/DC
Rated Current*:	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)*:	-25°C to +80°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:	black
Flammability Class (Cable Gland):	UL 94 HB
Attachment Material:	Steel, Philips combi slot

Protection Circuitry

Function Indicator:	Yellow LED
Protective Circuit:	Varistor

Additional Technical Data

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

Approvals

VDE:	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
935012612	GDSNL 207 LED 230 VR YE black

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