

Product: [GDSNL 207 LED 24 VR YE black](#)

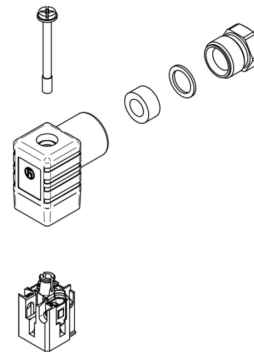
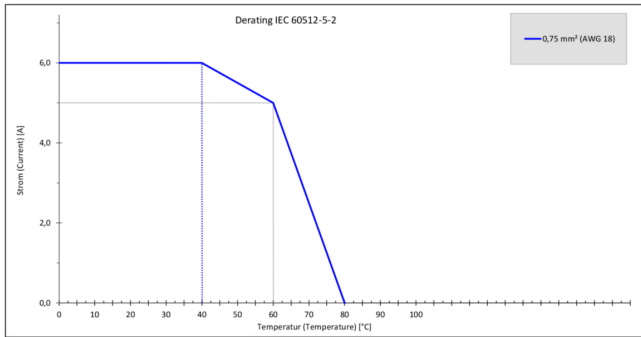


GM Industrial Standard Field Attachable Connector: Form C, 3-pin (2+1PE; PE across cable outlet), translucent housing, screw type, PG7; with varistor and yellow LED, 24 V AC/DC, 6 A

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, 24 V AC/DC, 6 A

Technical Drawing



Montageanleitung
Feldanschlussbarer
GDS (N) Steckverbinder

GDS ...

GDSN ...

IF 65

Kabeldurchmesser: Ø 4.5 - Ø 6.0 mm
Leitungsquerschnitt: 0.24 mm² - 0.75 mm²

Achtung!
Nicht unter Last stecken/stecken!

Warnung:
Bei Montage des Produkts ist die Strombelastbarkeit zu berücksichtigen. Die Temperatur der Kontakte darf nicht über 80°C ansteigen. Bei Überlastung kann es zu Schmelzen der Kontakte und Brandgefahr kommen.

Einbauhinweise:
1. Das Produkt ist nur für den Einsatz in der Industrie geeignet.
2. Das Produkt ist nur für den Einsatz in der Industrie geeignet.
3. Das Produkt ist nur für den Einsatz in der Industrie geeignet.

Sicherheitsbedeutende Hinweise

Dieses Produkt enthält Warnhinweise, die Sie bei der Installation beachten müssen. Bitte lesen Sie die Warnhinweise sorgfältig durch, bevor Sie das Produkt installieren. Die Warnhinweise sind in der Bedienungsanleitung und auf dem Produkt selbst angegeben.

Achtung:
Dieses Produkt ist nur für den Einsatz in der Industrie geeignet. Es ist nicht für den Einsatz in der häuslichen Umgebung geeignet. Die Installation des Produkts muss von einem qualifizierten Fachpersonal durchgeführt werden. Die Installation des Produkts muss in Übereinstimmung mit den geltenden Vorschriften für die Installation von elektrischen Anlagen sein.

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Assembly Instructions
Field attachable (GDS(N)) Connector

GDS ...

GDSN ...

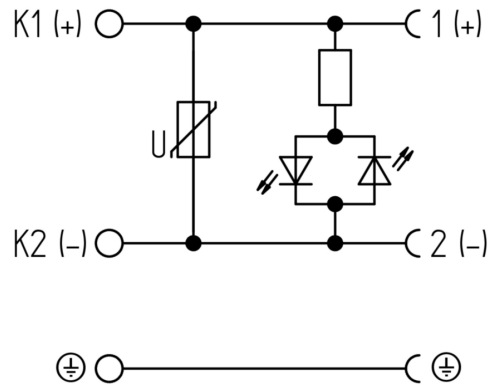
IF 65

Cable specification:
Cable diameter: Ø 4.5 - Ø 6.0 mm
Conductor size: 0.24 mm² - 0.75 mm²

CAUTION:
Not for current interrupting!

Warning:
When mounting the product, the current-carrying capacity must be taken into account. The contact temperature must not exceed 80°C. Overloading can lead to contact melting and fire hazard.

Installation instructions:
1. The product is only suitable for use in industrial environments.
2. The product is only suitable for use in industrial environments.
3. The product is only suitable for use in industrial environments.



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:	30 V AC/DC
Rated Impulse Voltage:	4.0 kV
Operating Voltage:	24 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
935012412	GDSNL 207 LED 24 VR YE black

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