

Potential distributors - IB IL PD GND-PAC

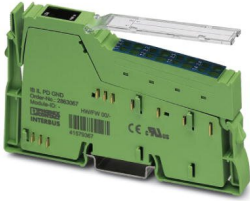


2862990

<https://www.phoenixcontact.com/gb/products/2862990>

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Inline terminal for power distribution (GND), complete with accessories, (connector and labeling field) connections for GND



Product Description

The terminal is designed for use within an Inline station. The terminal has eight GND connections. They therefore enable connection to the station-internal GND of sensors and actuators, which are connected to the IB IL 24 DI.../HD-PAC or IB IL 24 DO.../HD-PAC terminal via 1-conductor technology. They therefore enable connection to the station-internal GND of actuators, which are connected to the IB IL 24 DO 32/HD terminal via 1-conductor technology.

Your advantages

- Connections for GND

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Commercial Data

Order Key	2862990
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DRI124
Product Key	DRI124
Catalog Page	Page 115 (C-6-2019)
GTIN	4017918910099
Weight per Piece (including packing)	74.74 g
Weight per Piece (excluding packing)	44 g
Customs tariff number	85389099
Country of origin	DE

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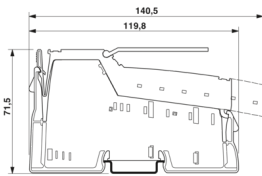


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Technical Data

Dimensions

Dimensional drawing	
Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

Notes

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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Material specifications

Color	green
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Interfaces

Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps / 2 Mbps

System properties

Module

ID code (dec.)	none
ID code (hex)	none

Product properties

Type	modular
	Inline

Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Electrical properties

Test section	24 V supply (I/O) / functional ground 500 V AC 50 Hz 1 min.
Supply	
I/O voltage	GND

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Max. current consumption	8 A
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Connection data

Connection technology

Connection name	Inline connector
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Conductor connection

Connection method	Spring-cage connection
Conductor cross section solid	0.08 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Inline connector

Connection method	Spring-cage connection
Conductor cross section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %

Mounting

Mounting type	DIN rail
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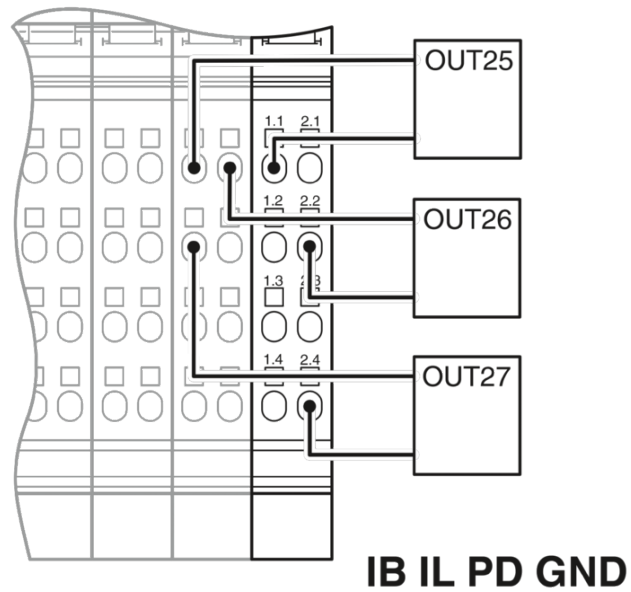
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Drawings

Connection diagram

**E.g., for single-wire
connection with
IB IL 24 DO 32/HD**



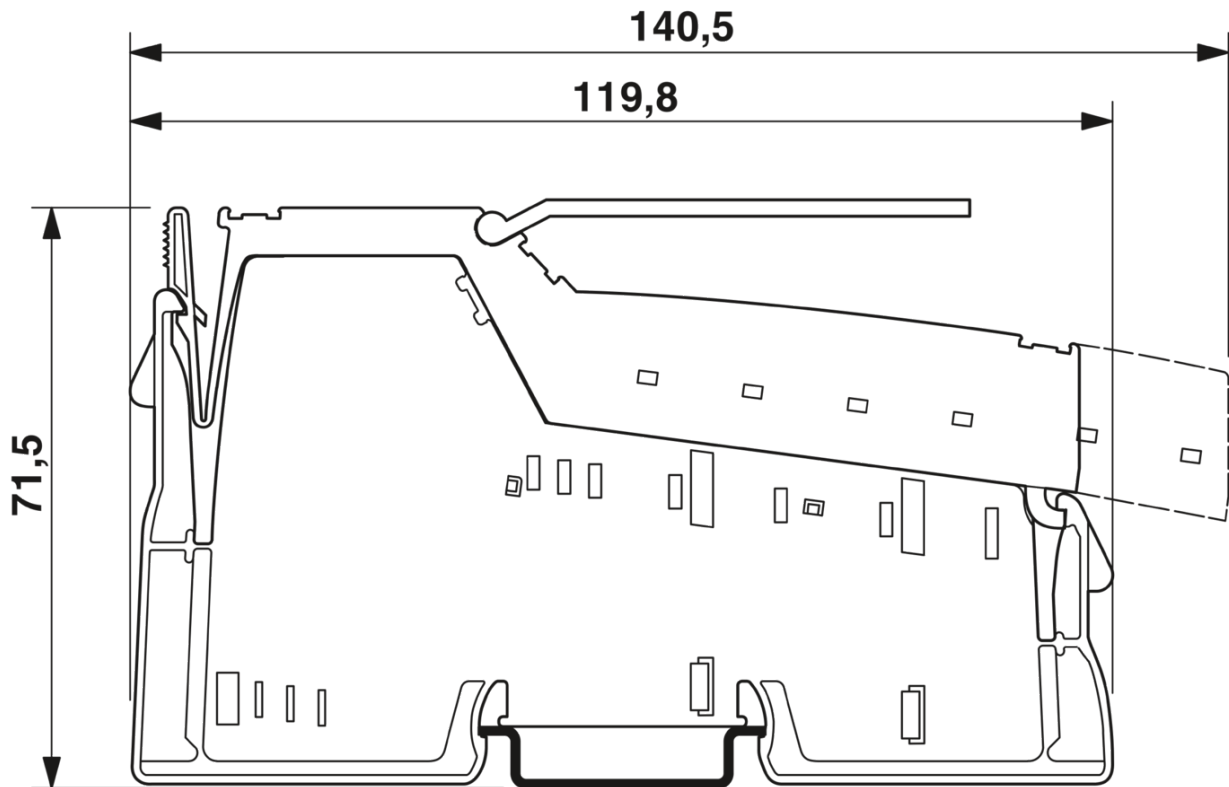
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Dimensional drawing



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Approvals

EAC 

DNV GL 

LR 

BV 

ABS

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Classifications

ECLASS

ECLASS-9.0	27242692
ECLASS-10.0.1	27242692
ECLASS-11.0	27242692

ETIM

ETIM 6.0	EC002584
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UNSPSC

UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

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Environmental Product Compliance

China RoHS

Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk



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