

IB IL PD 24V-PAC - Potential distributors



2862987
<https://www.phoenixcontact.com/au/products/2862987>

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Inline terminal for power distribution (24 V), complete with accessories, (connector and labeling field) 24 V supply voltage is fed out from the segment circuit (US)

Product description

The terminal is designed for use within an Inline station. The terminal enables the 24 V supply voltage to be supplied from the segment circuit (U_S). It therefore provides the 24 V supply from U_S for sensors, which are connected to the IB IL 24 DI.../HD-PAC Inline terminals via 1-conductor technology.

Your advantages

- Supply of the 24 V segment voltage U_S

Commercial data

Item number	2862987
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRI124
Product key	DRI124
GTIN	4017918910105
Weight per piece (including packing)	75 g
Weight per piece (excluding packing)	75 g
Customs tariff number	85389099
Country of origin	DE

Technical data

Dimensions

Dimensional drawing	
Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

Notes

Note on application

Note on application	Only for industrial use
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Interfaces

Inline local bus

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

Supply voltage

Connection method	Inline potential distributor
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System properties

Module

ID code (dec.)	none
ID code (hex)	none
Register length	0 bit
Required parameter data	0 Byte
Required configuration data	0 Byte

Product properties

Product type	I/O component
Product family	Inline
Type	modular

Insulation characteristics

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

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Maximum power dissipation for nominal condition	0 W
Test section	24 V supply (I/O) / functional ground 500 V AC 50 Hz 1 min

Supply

I/O voltage	24 V DC
I/O voltage range	19.2 V DC ... 30 V DC
Max. current consumption	8 A

Potentials: Segment circuit supply (U_S)

Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current draw	max. 8 A

Connection data

Connection technology

Connection name	Inline connector
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Conductor connection

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

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

Environmental and real-life conditions

Ambient conditions

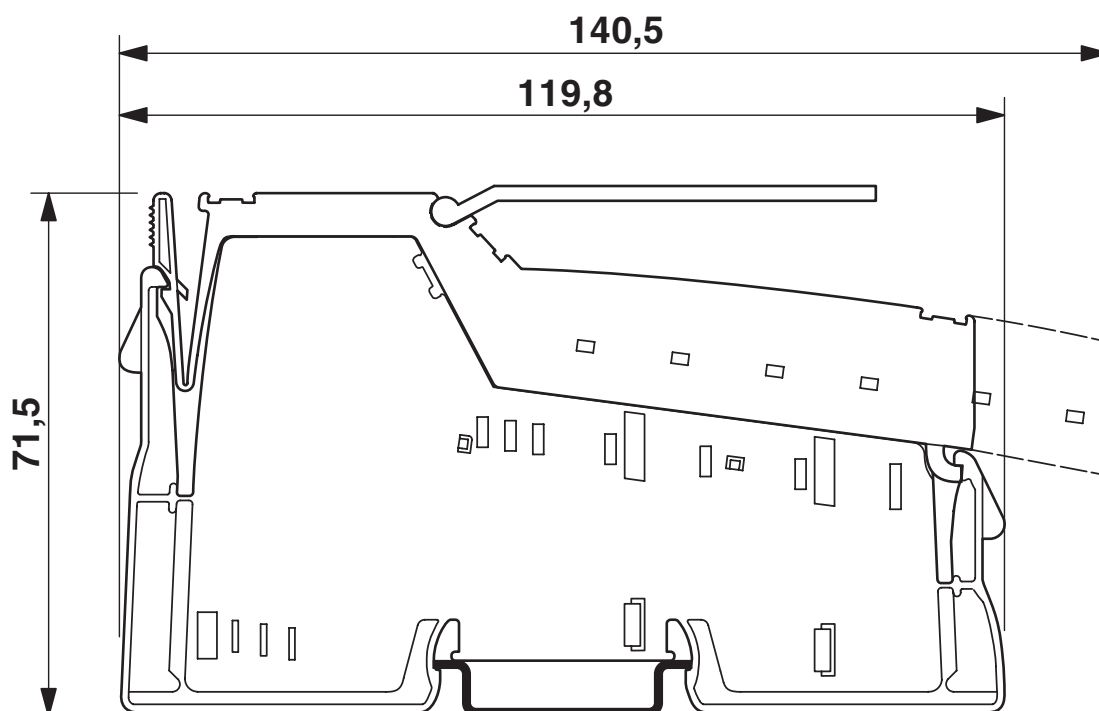
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %

Mounting

Mounting type	DIN rail mounting
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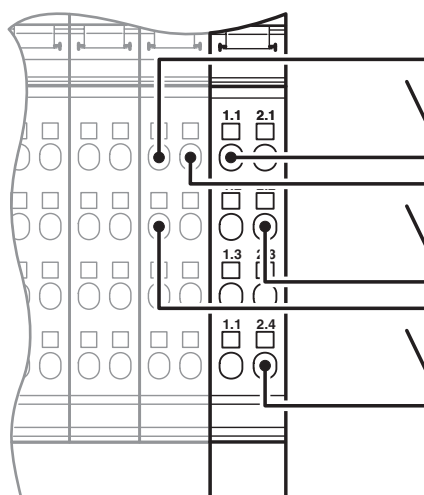
Drawings

Dimensional drawing



Connection diagram

e.g. for single wire
connection with
IB IL 24 DI 32/HD



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Approvals

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LR

Approval ID: LR23398855TA



BV

Approval ID: 20989_C1 BV

ABS

Approval ID: 22-2226444-PDA

DNV

Approval ID: TAA00002CU

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Classifications

ECLASS

ECLASS-13.0	27242692
ECLASS-15.0	27242692

ETIM

ETIM 9.0	EC002584
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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PHOENIX CONTACT PTY Ltd
Unit 7, 2-8 South Street
Rydalmere NSW 2116
1300 786 411
customerservice@phoenixcontact.com.au