

Inline terminal - IB IL 24 PWR IN/2F-D-2MBD-PAC



2863821

<https://www.phoenixcontact.com/us/products/2863821>

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Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (main and segment voltage) and diagnostics, transmission speed 2 Mbaud

Your advantages

- Supply of the 24 V main voltage U_{M}
- Diagnostic and status indicators
- Feed-in or provision of the 24 V segment voltage U_{S}

Commercial Data

Item number	2863821
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to Order (non-returnable)
Sales Key	C21
Product Key	DRI121
Catalog Page	Page 267 (AX-2009)
GTIN	4017918977726
Weight per Piece (including packing)	83.8 g
Weight per Piece (excluding packing)	44 g
Customs tariff number	85389091
Country of origin	DE

Technical Data

Dimensions

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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Interfaces

Inline local bus

Number of interfaces	2
Connection method	Inline data jumper
Transmission speed	2 Mbps

System properties

Module

ID code (dec.)	190
ID code (hex)	BE
Length code (hex)	C2
Length code (dec)	194
Process data channel	2 Bit
Input address area	2 Bit
Output address area	0 Byte
Register length	2 Bit
Required parameter data	1 Byte
Required configuration data	4 Byte

Product properties

Type	modular
	Inline
Product type	I/O component

Electrical properties

Potentials: Communications power (U_L)

Supply voltage	7.5 V DC (via voltage jumper)
Current draw	max. 45 mA DC

Potentials: Main circuit supply (U_M)

Supply voltage	24 V DC (via Inline connector)
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Supply voltage range	19.2 V ... 30 V (including all tolerances, including ripple)
	max. 4 A (sum of $U_M + U_S$)

Potentials: Segment circuit supply (U_S)

Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
	max. 4 A (sum of $U_M + U_S$)

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
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Mounting

Mounting type	DIN rail mounting
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Classifications

ECLASS

ECLASS-9.0	27242610
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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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Accessories

Inline connector

Inline connector - IB IL SCN-PWR IN-CP - 2727637

<https://www.phoenixcontact.com/us/products/2727637>



Connector, colored, for Inline power and segment terminal blocks

Inline connector

Inline connector - IB IL SCN-PWR IN - 2727462

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Connector, for Inline power and segment terminal blocks

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Labeling field

Labeling field - IB IL FIELD 2 - 2727501

<https://www.phoenixcontact.com/us/products/2727501>

Labeling field, width: 12.2 mm



Insert strip

Insert strip - ESL 62X10 - 0809492

<https://www.phoenixcontact.com/us/products/0809492>

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems:
Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of
individual labels: 72



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