

Power module - IB IL 230 PWR IN-PAC



2861535

<https://www.phoenixcontact.com/de/produkte/2861535>

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Inline power terminal block, complete with accessories (connector and labeling field), without fuse, 230 V AC

Product Description

The terminal is designed for use within an Inline station. The terminal enables the 230 V AC supply voltage to be fed into a 230 V AC area of the Inline station. An end terminal, which must be used to terminate the 230 V AC area, is supplied as standard with the feed-in terminal.

Your advantages

- Supplying the L phase (230 V AC)
- Diagnostic and status indicators

Commercial Data

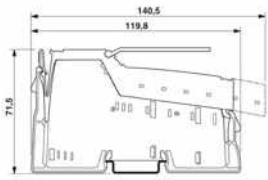
Item number	2861535
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	O1 - Automatisierungssys.
Product Key	DRI121
Catalog Page	Page 111 (C-6-2019)
GTIN	4017918907426
Weight per Piece (including packing)	183,3 g
Weight per Piece (excluding packing)	80 g
Customs tariff number	85389099
Country of origin	DE

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Technical Data

Dimensions

Dimensional drawing	
Width	36.6 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	gray
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Interfaces

Inline local bus

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

System properties

Module

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

Product properties

Type	modular
Product type	I/O component

Insulation characteristics

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

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Test section	5 V supply, incoming remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min.
	5 V supply, outgoing remote bus/7.5 V supply (bus logics) 500 V AC 50 Hz 1 min.
	7.5 V supply (bus logics) / I/O area 120 V AC 2500 V AC 50 Hz 1 min.
	Routine test 1200 V AC 50 Hz 1 min.
	I/O area 120 V AC/PE 500 V AC 50 Hz 1 min.
	Output / Phase 500 V AC 50 Hz 1 min.
Protective circuit	Surge protection

Supply

I/O voltage	230 V AC
I/O voltage range	207 V AC ... 253 V AC (including all tolerances, including ripple)
Residual ripple	± 23 V
Max. current consumption	8 A

Potentials: I/O supply

Supply voltage	230 V AC (via Inline connector)
Supply voltage range	207 V AC ... 253 V AC
	max. 8 A (nominal value)

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

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 %

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Permissible humidity (storage/transport)	75 % ... 85 %
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Mounting

Mounting type	DIN rail mounting
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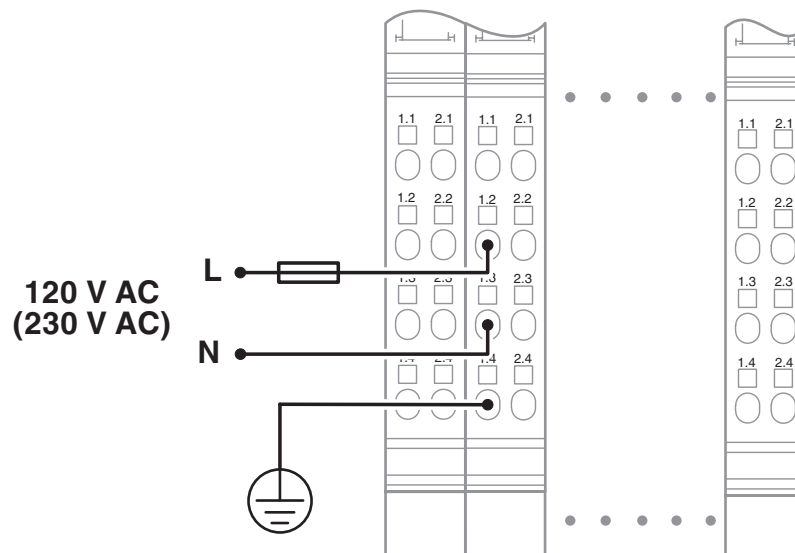
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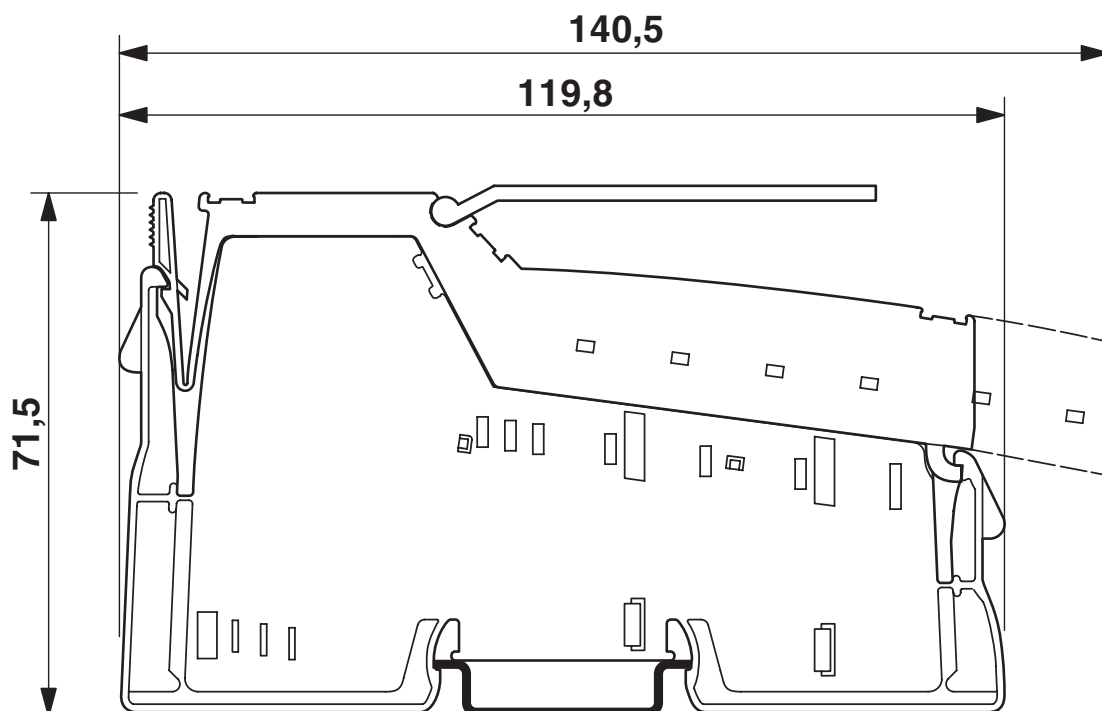
<https://www.phoenixcontact.com/de/produkte/2861535>

Drawings

Connection diagram



Dimensional drawing



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Approvals



EAC

Approval ID: TR TS_D_01921-19

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Classifications

ECLASS

ECLASS-9.0	27242610
ECLASS-10.0.1	27242610
ECLASS-11.0	27242610

ETIM

ETIM 8.0	EC001600
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UNSPSC

UNSPSC 21.0	32151600
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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