

IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



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	DR01
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

IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

Technical data

Dimensions

Dimensional drawing	
Width	36.6 mm
Height	119.8 mm
Depth	71.5 mm

Notes

Note on application	
Note on application	Only for industrial use

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

Product type	I/O component
Product family	Inline
Type	modular
Special properties	230 V AC

Data management status	
Article revision	05

Insulation characteristics	
Protection class	I (IEC 61140, EN 61140, VDE 0140-1)

IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

Electrical properties

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

Connection data

Connection technology

Connection name	Inline connector
-----------------	------------------

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

IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

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

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

IB IL 230 PWR IN-PAC - Power module

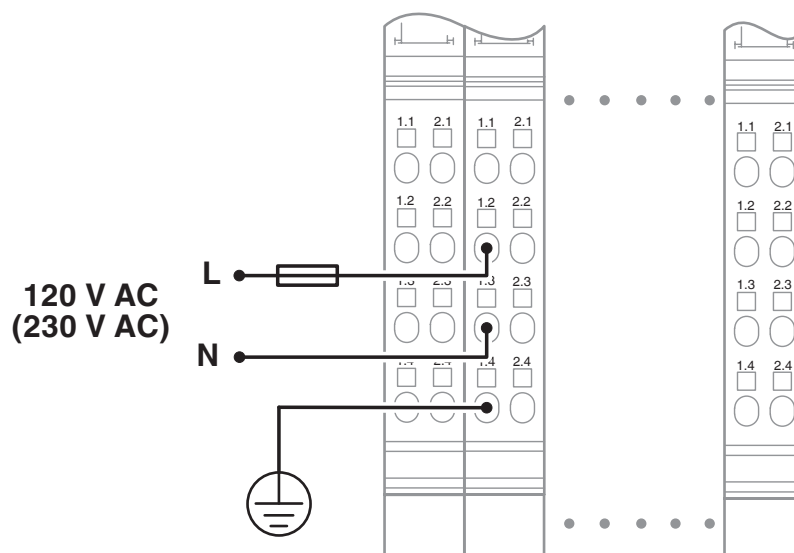
2861535

<https://www.phoenixcontact.com/us/products/2861535>

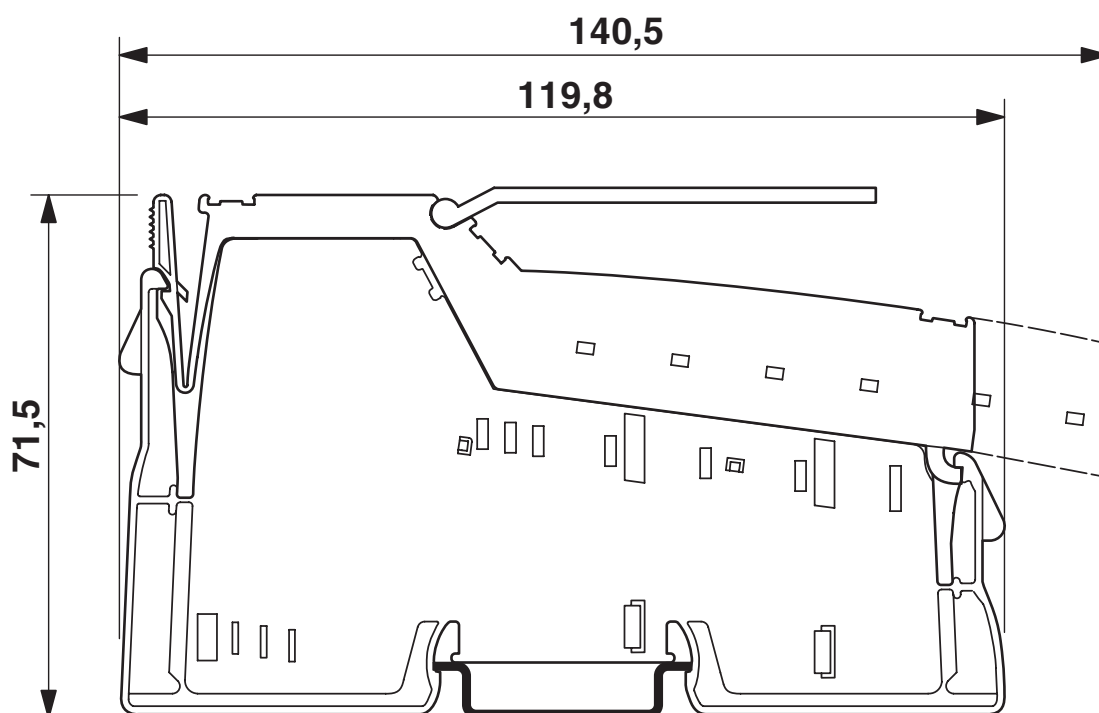


Drawings

Connection diagram



Dimensional drawing



IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2861535>



EAC

Approval ID: TR TS_D_01921-19

UAE-RoHS

Approval ID: 22-04-13089

IB IL 230 PWR IN-PAC - Power module



2861535

<https://www.phoenixcontact.com/us/products/2861535>

Classifications

ECLASS

ECLASS-11.0	27242610
ECLASS-12.0	27242610
ECLASS-13.0	27242610

ETIM

ETIM 9.0	EC001600
----------	----------

UNSPSC

UNSPSC 21.0	32151600
-------------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I
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.)	Lead(CAS: 7439-92-1)
SCIP	d8e04741-c2c3-4b8a-9b24-58af028fecb8

IB IL 230 PWR IN-PAC - Power module

2861535

<https://www.phoenixcontact.com/us/products/2861535>



Accessories

IB IL AC-PWR-IN-PLSET - Connector set

2740180

<https://www.phoenixcontact.com/us/products/2740180>

Connector set, for Inline input terminal blocks with AC voltage



IB IL FIELD 2 - Marking field

2727501

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

Marking field, width: 12.2 mm



IB IL 230 PWR IN-PAC - Power module

2861535

<https://www.phoenixcontact.com/us/products/2861535>



ESL 62X10 - Insert strip

0809492

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

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, CMS-P1-PLOTTER, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72



Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com