IB IL 120 PWR IN-PAC - Feed-in module

2861454

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Inline power terminal block, complete with accessories (connector and labeling field), without fuse, 120 V AC

Product description

The terminal is designed for use within an Inline station. The terminal enables the 120 V AC supply voltage to be fed into a 120 V AC area of the Inline station. An end terminal, which must be used to terminate the 120 V AC area, is supplied as standard with the feed-in terminal.

Your advantages

- Supplying the L phase (120 V AC)

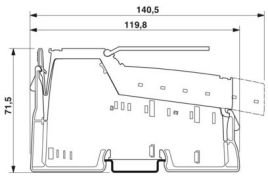
ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2861454
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR01
Product key	DRI121
GTIN	4017918907402
Weight per piece (including packing)	183 g
Weight per piece (excluding packing)	80 g
Customs tariff number	85389099
Country of origin	DE

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

Mounting

Mounting type	DIN rail mounting

Material specifications

Color (Housing)	gray (RAL 7042)

Interfaces

Inline local bus

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

System properties

Programming data

ID code (dec.)	none
Register length (bus)	0 Byte

Fieldbus data telegram (PROFIBUS)

Required parameter data	0 Byte
Required configuration data	0 Byte

Product properties

Product type	I/O component
Product family	Inline
Type	modular

Installation location	Control cabinet
Special properties	120 V AC

Insulation characteristics

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

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	120 V AC
I/O voltage range	108 V AC ... 135 V AC (including all tolerances, including ripple)
Residual ripple	± 12 V
Max. current consumption	8 A

Potentials: I/O supply

Supply voltage	120 V AC (via Inline connector)
Supply voltage range	108 V AC ... 135 V AC
Power supply	max. 8 A (nominal value)

Connection data

Connection technology

Connection name	Inline connector

Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.08 mm² ... 1.5 mm²
Conductor cross-section AWG	28 ... 16
Stripping length	8 mm

Environmental and real-life conditions

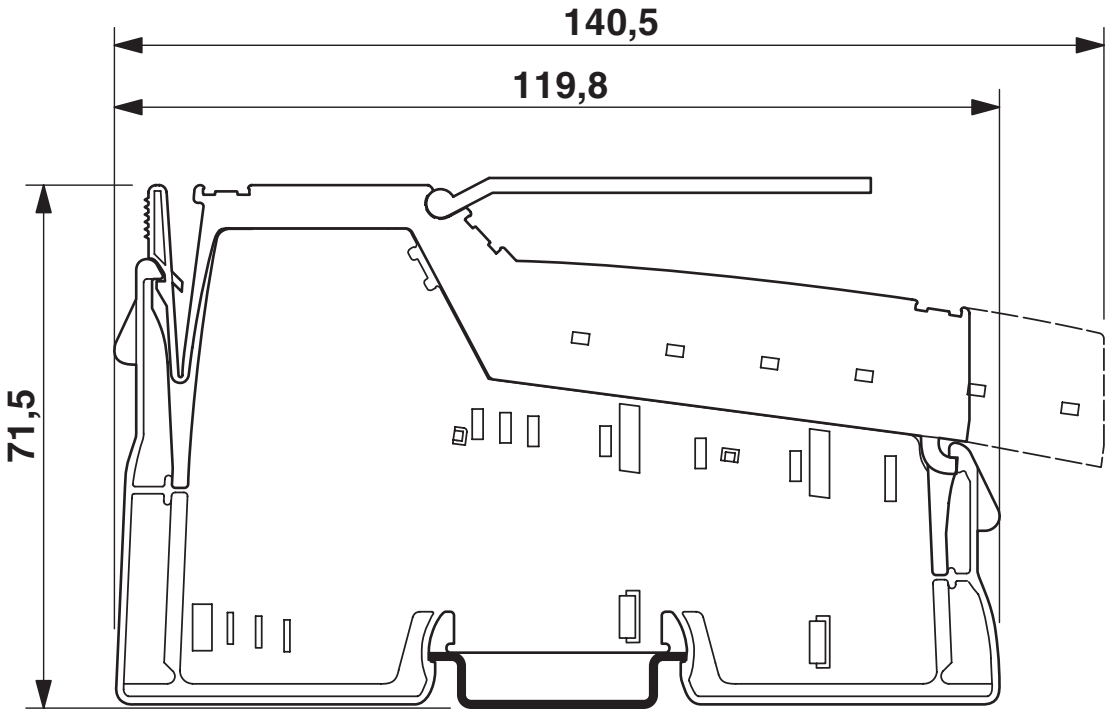
Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

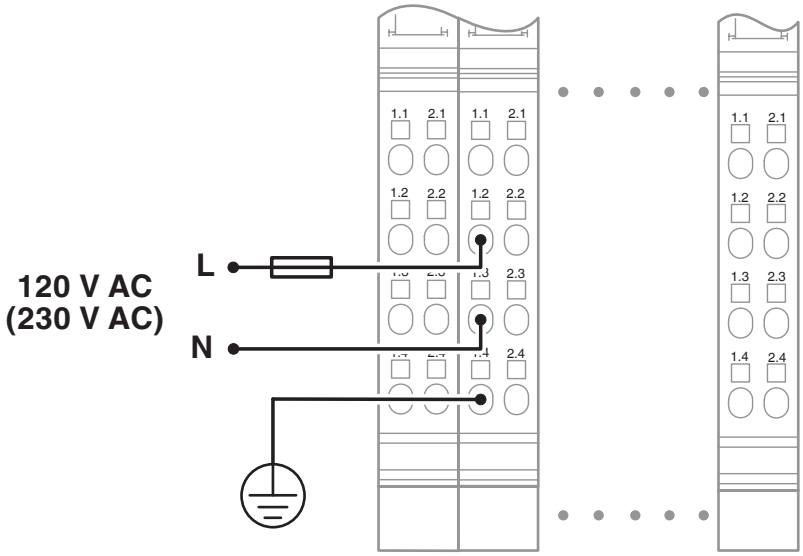
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)

Drawings

Dimensional drawing



Connection diagram



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/2861454

cULus Recognized
Approval ID: E140324

Classifications

ECLASS

ECLASS-13.0	27242610
ECLASS-15.0	27242610

ETIM

ETIM 10.0	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	4baa3d09-6195-4e87-8a00-e467bfb9ed0f

EF3.1 Climate Change

CO2e kg	3.606 kg CO2e

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