

# 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)

## 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

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## 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
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### Material specifications

Color (Housing)	gray (RAL 7042)
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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

Programming data (LocalbusSlave)

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

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## Insulation characteristics

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

Maximum power dissipation for nominal condition	0 W
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
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### Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
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)

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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)

## Mounting

Mounting type	DIN rail mounting
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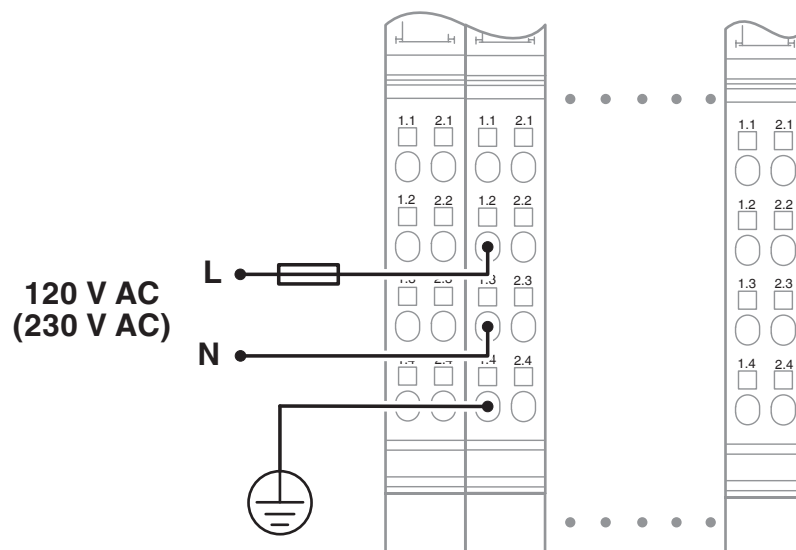
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## Drawings

Dimensional drawing



Connection diagram



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## Approvals

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**cULus Recognized**  
Approval ID: E140324

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## Classifications

### ECLASS

ECLASS-13.0	27242610
ECLASS-15.0	27242610

### ETIM

ETIM 10.0	EC001600
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### UNSPSC

UNSPSC 21.0	32151600
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## 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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