

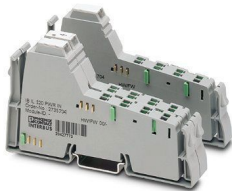
IB IL 120 PWR IN - Inline function terminal



2731704

<https://www.phoenixcontact.com/us/products/2731704>

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Inline power terminal block, without accessories, 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.

Commercial data

Item number	2731704
Packing unit	1 pc
Note	Made to order (non-returnable)
Sales key	NULL
Product key	DRI121
GTIN	4017918163419
Weight per piece (including packing)	53 g
Weight per piece (excluding packing)	53 g
Customs tariff number	85389091
Country of origin	DE

Technical data

Product properties

Type	modular
	Inline

Insulation characteristics

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

Programming data

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

Electrical properties

Test section	Output / Phase 500 V AC 50 Hz 1 min
	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

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

Connection data

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

Interfaces

Supply voltage

Connection method	8-pos. Inline power connector
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Inline local bus

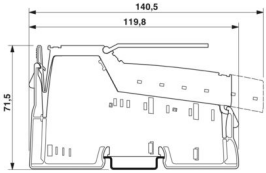
Connection method	Inline data jumper
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Dimensions

Dimensional drawing	
Width	36.6 mm
Height	119.8 mm
Depth	71.5 mm

Material specifications

Color	gray
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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 %
Permissible humidity (storage/transport)	75 % ... 85 %

Mounting

Mounting type	DIN rail mounting
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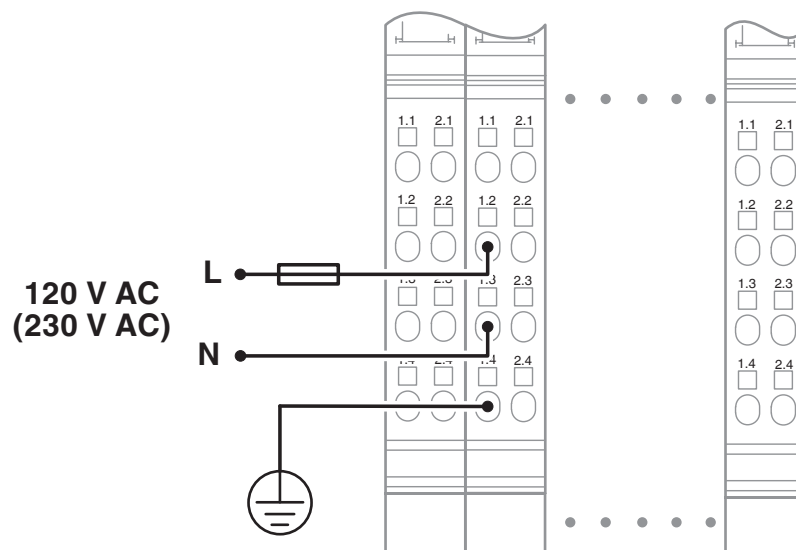
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Drawings

Dimensional drawing



Connection diagram



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Environmental product compliance

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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