PHŒNIX CONTACT

Inline terminal - IB IL 24 PWR IN-XC-PAC - 2701161

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Inline power terminal, version for extreme conditions, complete with accessories (connector and labeling field), 24 V DC, without fuse

The illustration shows the version IB IL 24 PWR IN/F-PAC

Product Features

- Supply of the 24 V main voltage UM
- Provision of the 24 V segment voltage US
- Main circuit protected by an external fuse
- Diagnostic and status indicators
- Can be used under extreme ambient conditions
- Extended temperature range of -40°C ... +70°C (see "Tested successfully: use under extreme ambient conditions" in the data sheet)
- Coated PCBs

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	80.0 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

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Technical data

Interfaces

Connection method	Inline data jumper
Interface	Inline local bus

Power supply

Communications power U_L	7.5 V DC (via voltage jumper)

General

Type of protection	Surge protection
Protective circuit/component	Suppressor diode
Weight	59 g

Standards and Regulations

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)/24 V supply (I/O) 500 V AC 50 Hz 1 min.
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min.
Connection in acc. with standard	CUL

Classifications

eCl@ss

eCl@ss 4.0	27141110
eCl@ss 4.1	27141110
eCl@ss 5.0	27141134
eCl@ss 5.1	27141134
eCl@ss 6.0	27242610
eCl@ss 7.0	27242610
eCl@ss 8.0	27242610

ETIM

ETIM 2.0	EC001283
ETIM 3.0	EC001283
ETIM 4.0	EC001600
ETIM 5.0	EC001600

UNSPSC

UNSPSC 6.01	30211811
UNSPSC 7.0901	39121410

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Classifications

UNSPSC

UNSPSC 11	39121410
UNSPSC 12.01	43201404
UNSPSC 13.2	39121410

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized

cUL Recognized

cULus Recognized

Accessories

Accessories

Labeling panel

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Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm

Plug

Inline connector - IB IL SCN-PWR IN-CP - 2727637

Connector, colored, for Inline power and segment terminal blocks

Inline connector - IB IL SCN-PWR IN - 2727462

Connector, for Inline power and segment terminal blocks

Terminal marking
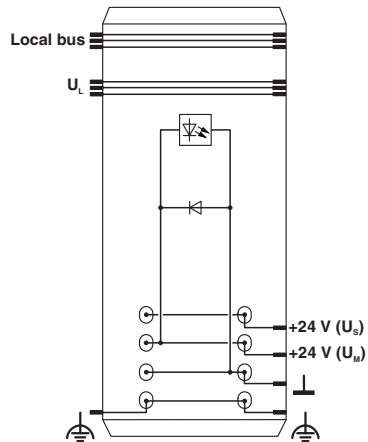
Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm
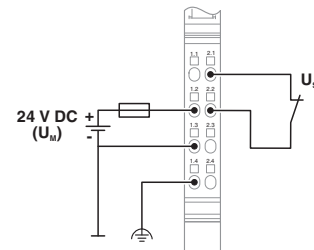
Drawings

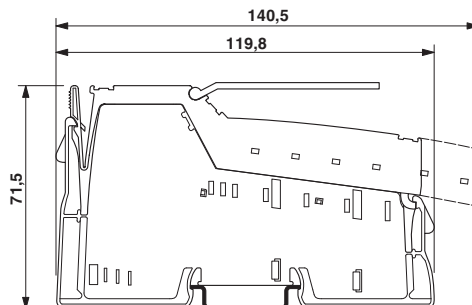# Inline terminal - IB IL 24 PWR IN-XC-PAC - 2701161

Block diagram

Connection diagram

Local bus

U_L

$+24 \text{ V } (U_S)$

$+24 \text{ V } (U_M)$

24 V DC
(U_M)

U_S

Internal wiring of the terminal points

Dimensional drawing

140,5

119,8

71,5

Mouser Electronics

Authorized Distributor

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