

Inline terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

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's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



Inline power terminal, complete with accessories (connector and labeling field), 24 V DC, with fuse (main and segment voltage)

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
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	84.5 g
Custom tariff number	85389091
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

Interfaces

Connection method	Inline data jumper
Interface	Inline local bus

Inline terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

Technical data

Power supply

Communications power U_L	7.5 V DC (via voltage jumper)
I/O voltage	24 V DC
I/O voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Max. current consumption	6 A (8 A)
Fuse	SI 5 x 20 6, 300 AT (in scope of delivery)

General

Type of protection	Polarity protection, surge protection
Weight	59 g
Number of plugs	1

Inline potentials

Communications power U_L	7.5 V DC ± 5 % (via voltage jumper)
Current consumption from U_L	0 A DC
Main circuit supply U_M	24 V DC (nominal value)
Power supply at U_M	6 A (nominal value)
Segment circuit supply U_S	24 V DC
Power supply at U_S	6 A (nominal value)
Current consumption from U_{ANA}	0 A DC

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	27250308
eCl@ss 4.1	27250304
eCl@ss 5.0	27250304
eCl@ss 5.1	27242610
eCl@ss 6.0	27242610
eCl@ss 7.0	27242610
eCl@ss 8.0	27242610

Inline terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

Classifications

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001600
ETIM 4.0	EC001600
ETIM 5.0	EC001600

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals


Approvals


UL Recognized / cUL Recognized / LR / BV / ABS / RINA / BSH / BSH / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 
--

LR

Inline terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

Approvals

BV


ABS

RINA

BSH

BSH

EAC

cULus Recognized 

Accessories

Accessories

Labeling panel

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 terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

Accessories

Inline connector - IB IL SCN-PWR IN - 2727462

Connector, for Inline power and segment terminal blocks



Terminal marking

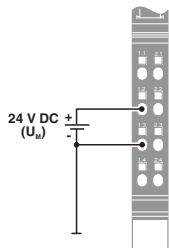
Insert strip - ESL 62X10 - 0809492

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

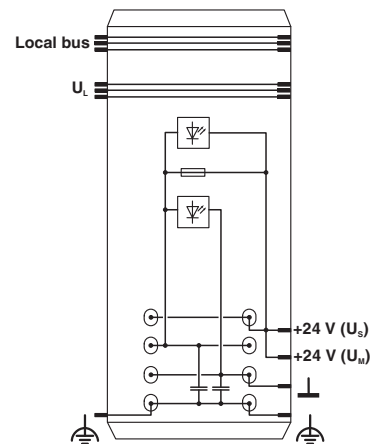


Drawings

Connection diagram

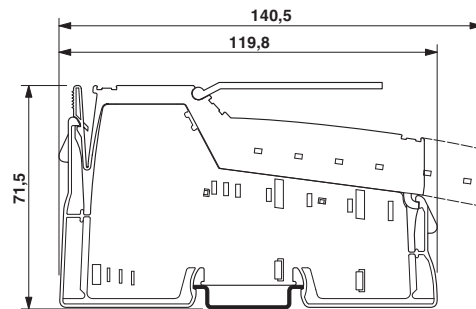


Block diagram



Inline terminal - IB IL 24 PWR IN/2-F-PAC - 2862136

Dimensional drawing



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2862136](#)