

## Inline terminal - IB IL 24 PWR IN-PAC - 2861331

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Inline power terminal, 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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	78.0 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Note

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

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

#### Interfaces

Connection method	Inline data jumper
Interface	Inline local bus

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### Technical data

#### Power supply

Communications power $U_L$	7.5 V DC (via voltage jumper)
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#### General

Type of protection	Surge protection
Protective circuit/component	Suppressor diode
Weight	59 g
Number of plugs	1

#### Inline potentials

Communications power $U_L$	7.5 V DC $\pm 5\%$ (via voltage jumper)
Main circuit supply $U_M$	24 V DC (nominal value)
Supply voltage range $U_M$	19.2 V ... 30 V (including all tolerances, including ripple)
Power supply at $U_M$	max. 8 A (Sum of $U_M + U_S$ ; 4 A, maximum, when used in potentially explosive areas.)
Segment circuit supply $U_S$	24 V DC
Power supply at $U_S$	max. 8 A (Sum of $U_M + U_S$ ; 4 A, maximum, when used in potentially explosive areas.)

#### 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	27250315
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

#### ETIM

ETIM 2.0	EC001433
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### Classifications

#### ETIM

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

UL Listed / cUL Listed / ATEX / cULus Listed

#### Approvals submitted

#### Approval details

UL Recognized 
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cUL Recognized 
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LR
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BV
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## Inline terminal - IB IL 24 PWR IN-PAC - 2861331

### Approvals

ABS
RINA
BSH
BSH
EAC
cULus Recognized  US

### Accessories

#### Accessories

##### Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



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### Plug

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



Connector, colored, for Inline power and segment terminal blocks

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### Accessories

Inline connector - IB IL SCN-PWR IN - 2727462

Connector, for Inline power and segment terminal blocks



### Terminal marking

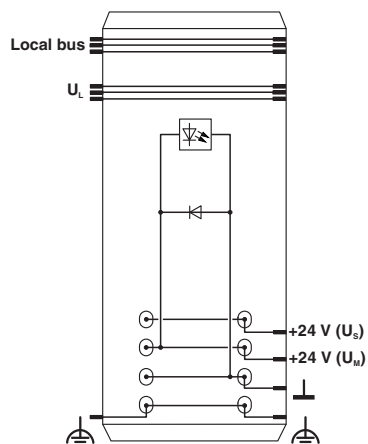
Insert strip - ESL 62X10 - 0809492

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

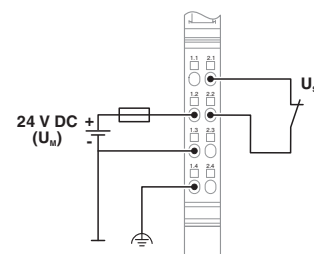


### Drawings

Block diagram



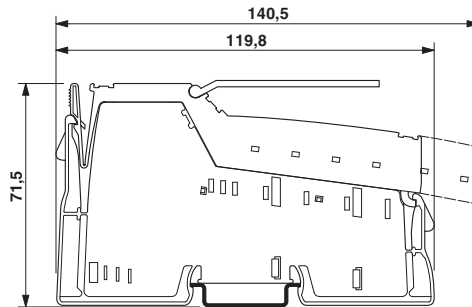
Connection diagram



Internal wiring of the terminal points

## Inline terminal - IB IL 24 PWR IN-PAC - 2861331

Dimensional drawing



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