

Inline function terminal - IB IL 24 SEG-ELF-PAC - 2861409

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Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, electronic fuse

Product Features

- Automatic creation of a segment circuit in the main circuit
- Protection of the segment circuit using an electronic fuse with short-circuit current limitation
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	76.9 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
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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

Power supply

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Technical data

Power supply

Typical current consumption	30 mA
I/O voltage	24 V DC
I/O voltage range	19.2 V DC ... 30 V DC
Max. current consumption	2.5 A
Fuse	2.5 A (electronic)

General

Type of protection	Overload protection
Weight	44 g
Number of plugs	1

Inline potentials

Communications power U_L	7.5 V DC (via voltage jumper)
Current consumption from U_L	max. 30 mA
Current consumption from U_M	max. 2.5 A (nominal value)
Segment circuit supply U_S	24 V DC
Power supply at U_S	max. 2.5 A (nominal value)

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 / EAC / cULus Recognized


Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 
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EAC

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Approvals



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 - 2727462

Connector, for Inline power and segment terminal blocks



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

Connector, colored, 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

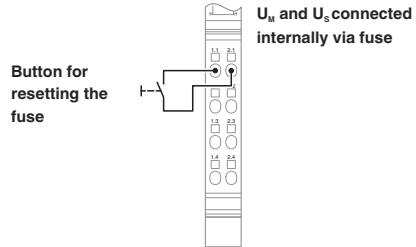


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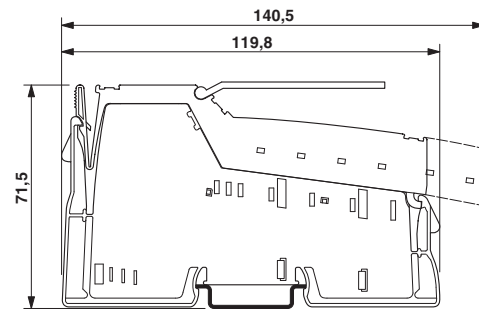
Accessories

Drawings

Connection diagram

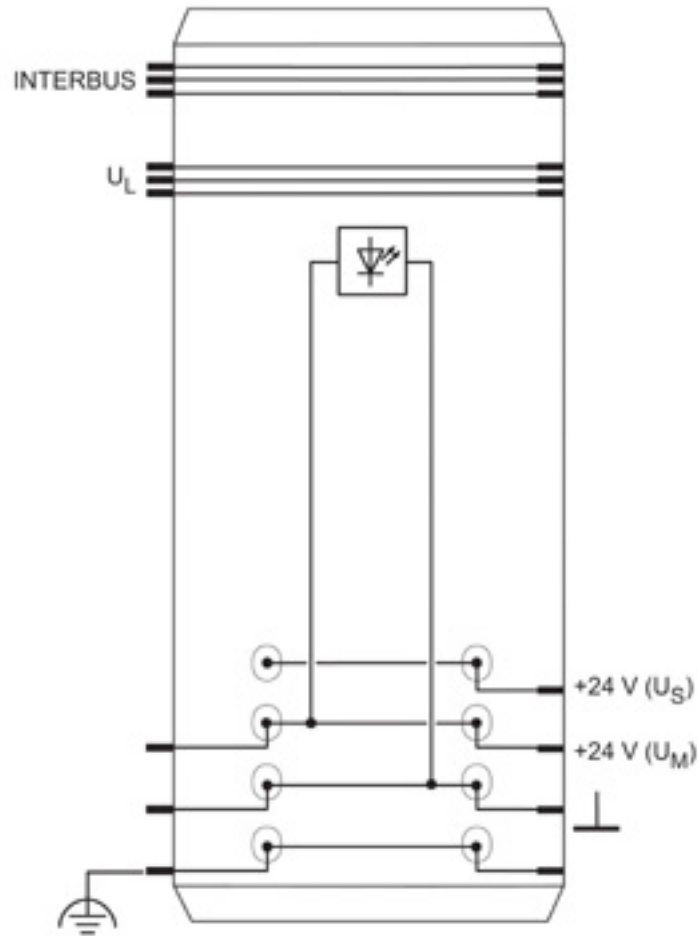


Dimensional drawing



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Block diagram



Mouser Electronics

Authorized Distributor

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