

Inline terminal - IB IL 24 PWR IN/R/L-0.8A-PAC - 2693020

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Inline boost terminal for the communications power U_L of 0.8 A, complete with accessories (connectors and labeling field)

Product Description

The terminal is designed for use within an Inline station.

If the maximum load of the bus coupler for the communications power (U_L) is reached, this terminal can be used to provide this voltage again. To do this, apply a 24 V DC voltage (U_{24V}) to the terminal. The communications power (U_L) is generated from this voltage.

Your advantages

- ✓ Supply of the 24 V voltage for generating the communications power (U_L) up to 0.8 A
- ✓ From hardware version 00, approved for use in potentially explosive areas of zone 2



Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356447416

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
	Use in potentially explosive areas is not permitted in China.

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

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	274 mA (at nominal voltage)
Fuse	electrical/thermal overload protection, included in scope of delivery

General

Type of protection	Surge protection
	Protection against polarity reversal (segment supply/main supply)
Weight	65 g
Number of plugs	1

Inline potentials

Designation	24 V supply (U_{24V}) for generating U_L
Supply voltage	24 V DC (via Inline connector)
Current consumption	min. 13 mA DC (at nominal voltage)
	max. 274 mA DC (at nominal voltage)
Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Power supply unit	max. 0.8 A DC
Power consumption	max. 0.6 W (entire device)

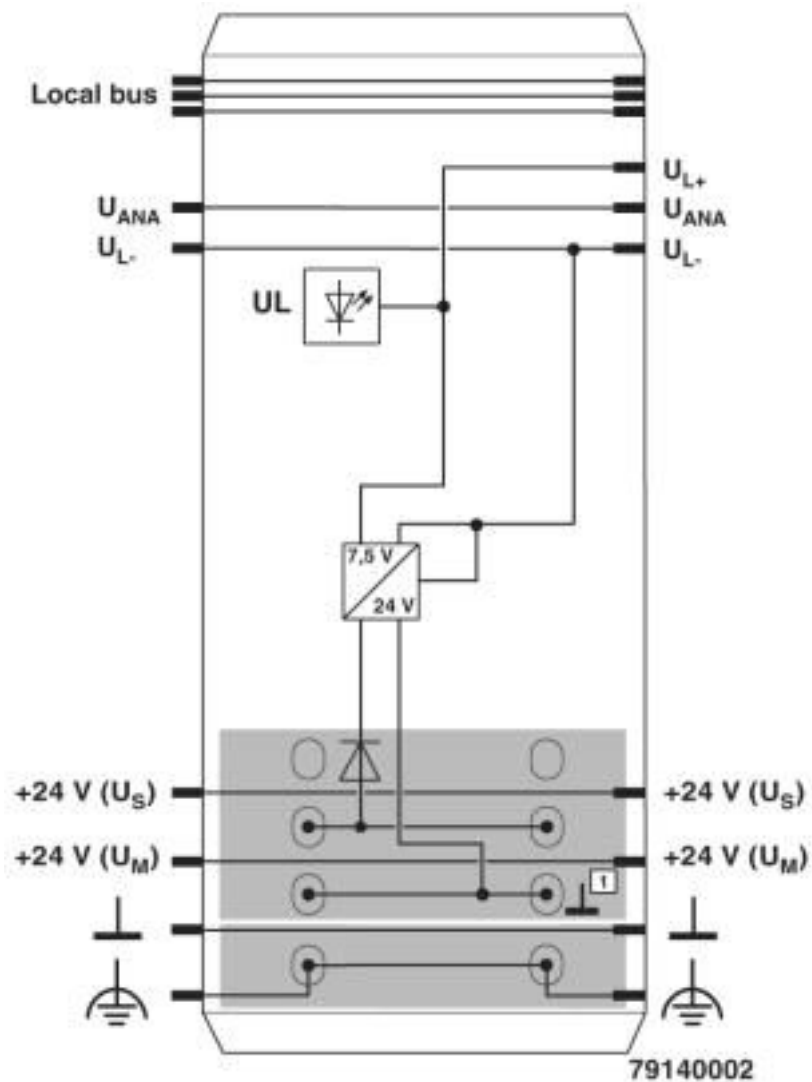
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

Inline terminal - IB IL 24 PWR IN/R/L-0.8A-PAC - 2693020

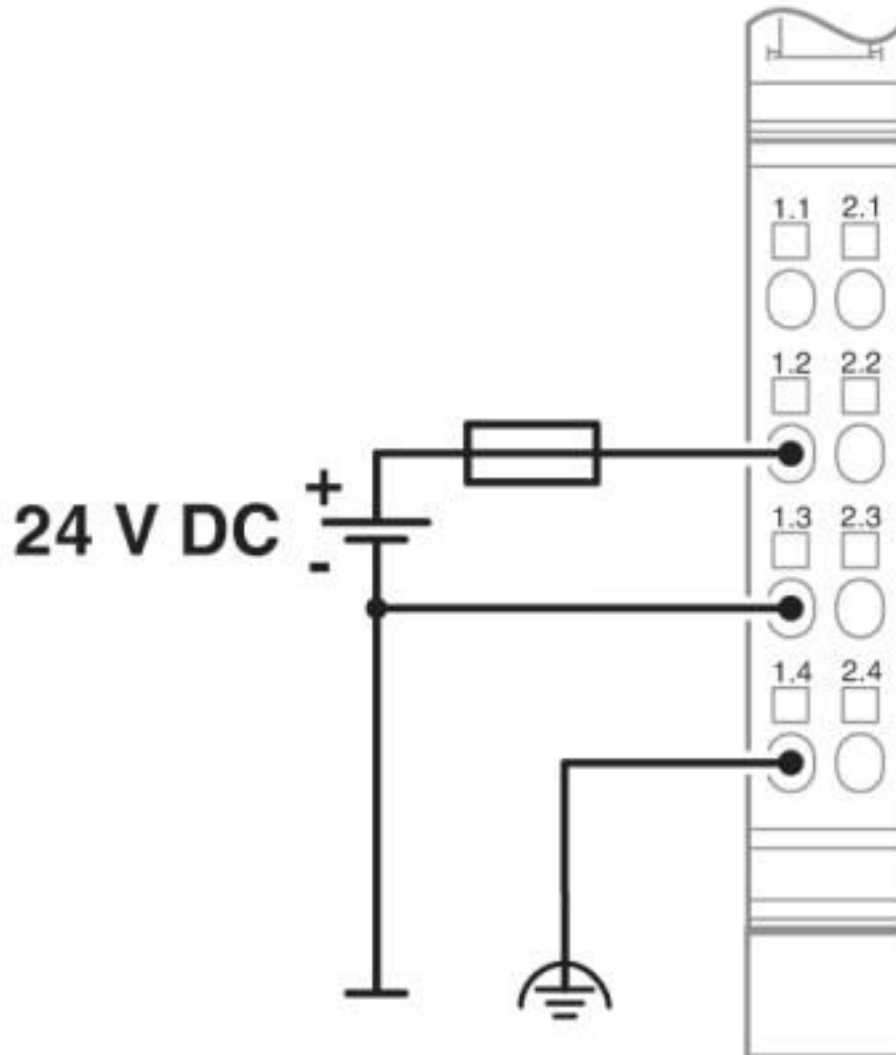
Block diagram



Internal wiring of the terminal points

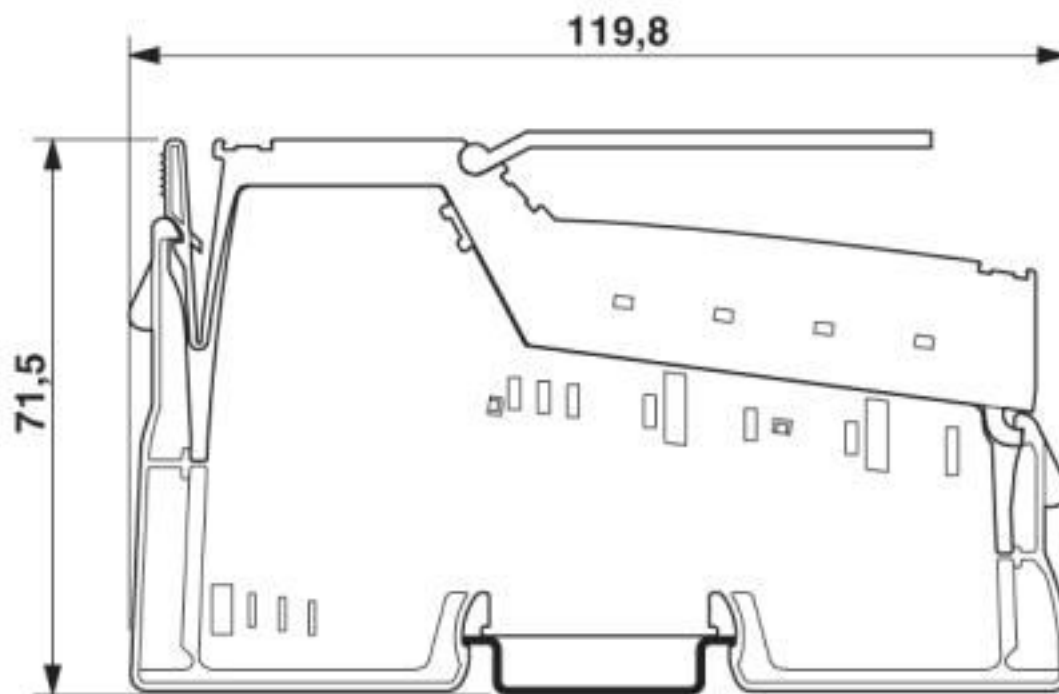
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Connection diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27242610
eCl@ss 11.0	27242610
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242610
eCl@ss 8.0	27242610
eCl@ss 9.0	27242610

ETIM

ETIM 3.0	EC001600
ETIM 4.0	EC001600
ETIM 5.0	EC001600
ETIM 6.0	EC001600
ETIM 7.0	EC001600

UNSPSC

UNSPSC 6.01	43172015
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Classifications

UNSPSC

UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Approvals

Approvals

Approvals

DNV GL / BSH / BV / LR / ABS / BSH / RINA / UL Listed / cUL Listed / EAC / cULus Listed

Ex Approvals

ATEX

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA00002CU
BSH			Anwenderhinweis
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	20989/B2_BV
LR		http://www.lr.org/en	08/20033
ABS		http://www.eagle.org/eagleExternalPortalWEB/	17-HG1621871-PDA
BSH			658

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Approvals

RINA		http://www.rina.org/en	ELE001320XG
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UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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EAC			EAC-Zulassung
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cULus Listed			
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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

Terminal marking

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Accessories

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72

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