

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	 4 046356 447416
GTIN	4046356447416

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

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)

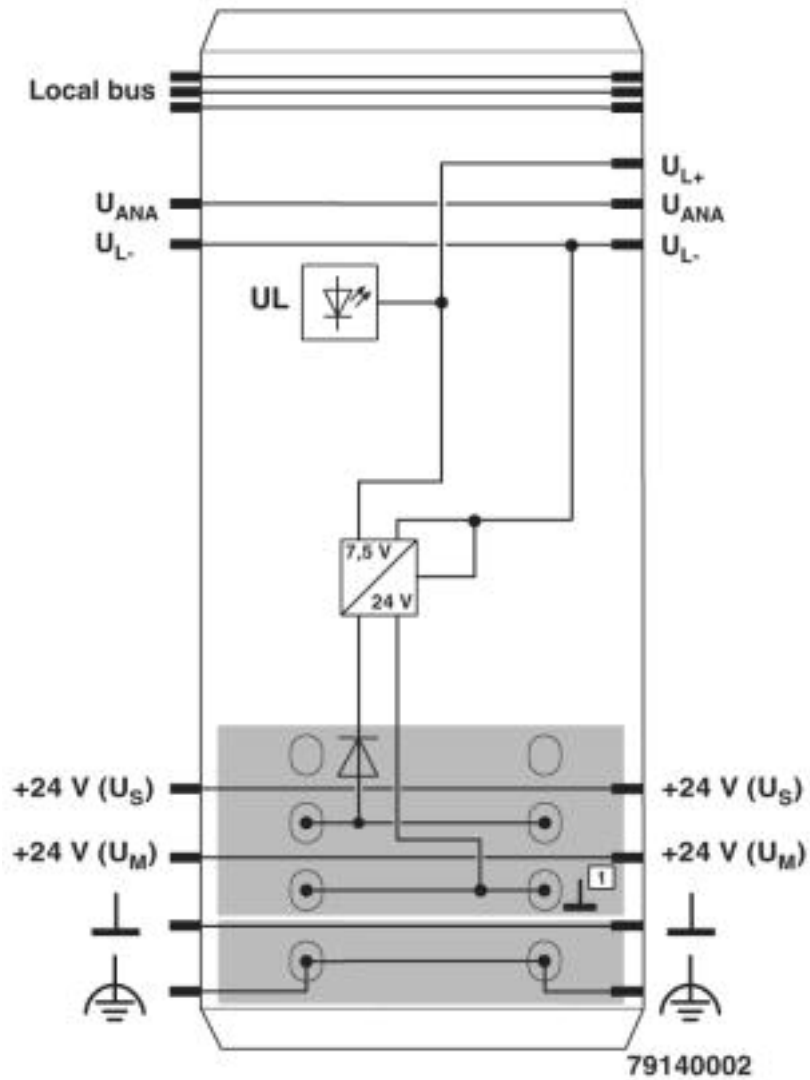
Environmental Product Compliance

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

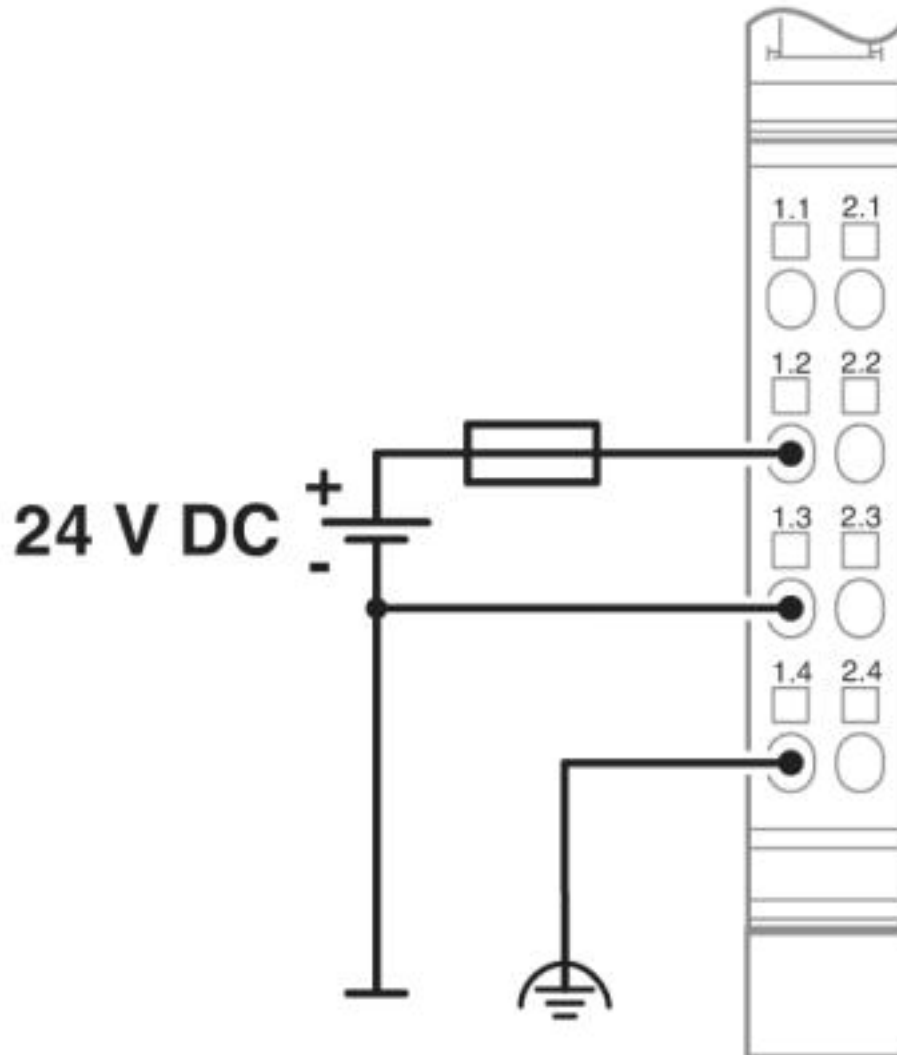
Block diagram



Internal wiring of the terminal points

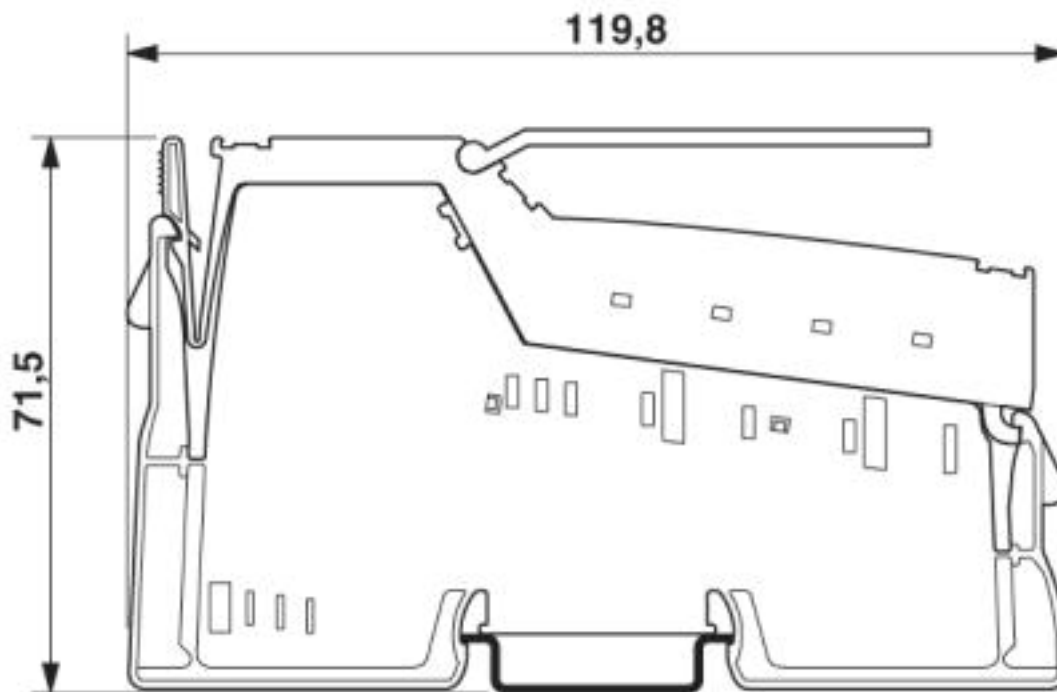
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Connection diagram



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Dimensional drawing



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		http://www.bsh.de/de/index.jsp	Anwenderhinweis
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	20989/B2_BV

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Approvals

LR		http://www.lr.org/en	08/20033
ABS		http://www.eagle.org/eagleExternalPortalWEB/	17-HG1621871-PDA
BSH		http://www.bsh.de/de/index.jsp	658
RINA		http://www.rina.org/en	ELE183315XG
UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
EAC			EAC-Zulassung
cULus Listed			

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