

## 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
Weight per Piece (excluding packing)	65.000 g
Custom tariff number	85369010
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

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### Technical data

#### Interfaces

Connection method	Inline data jumper
Interface	Inline local bus

#### 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)

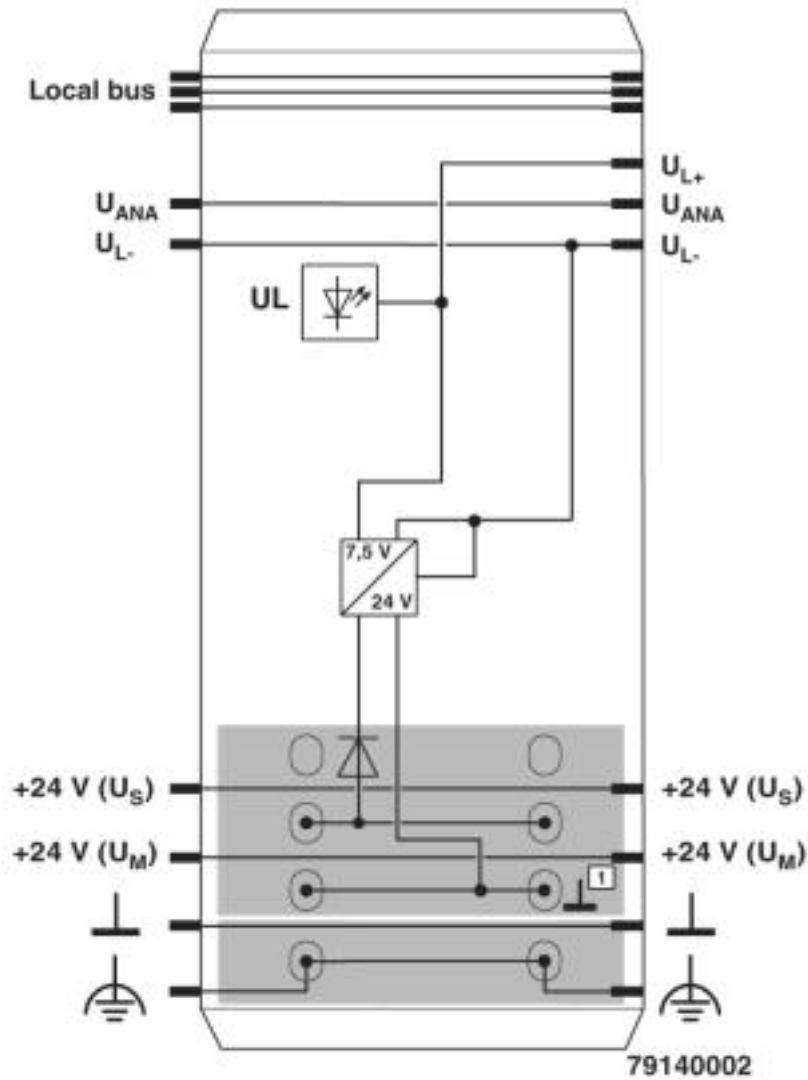
#### Environmental Product Compliance

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

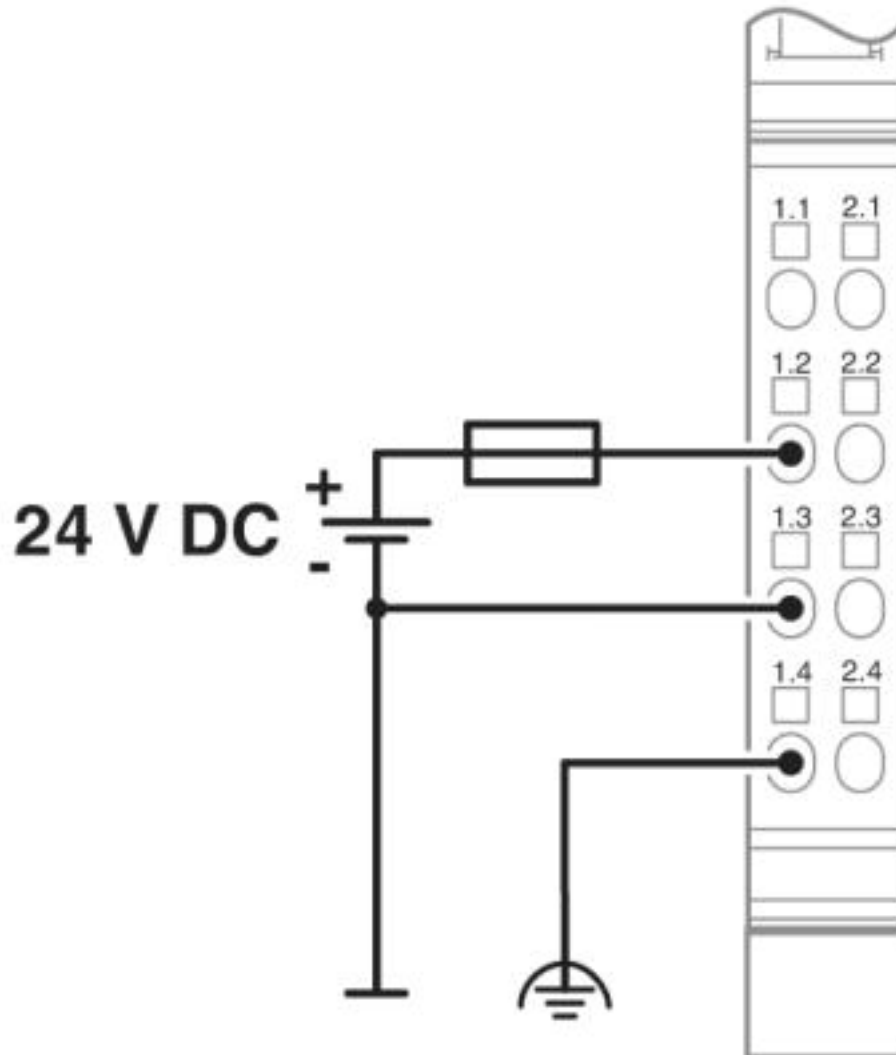
Block diagram



Internal wiring of the terminal points

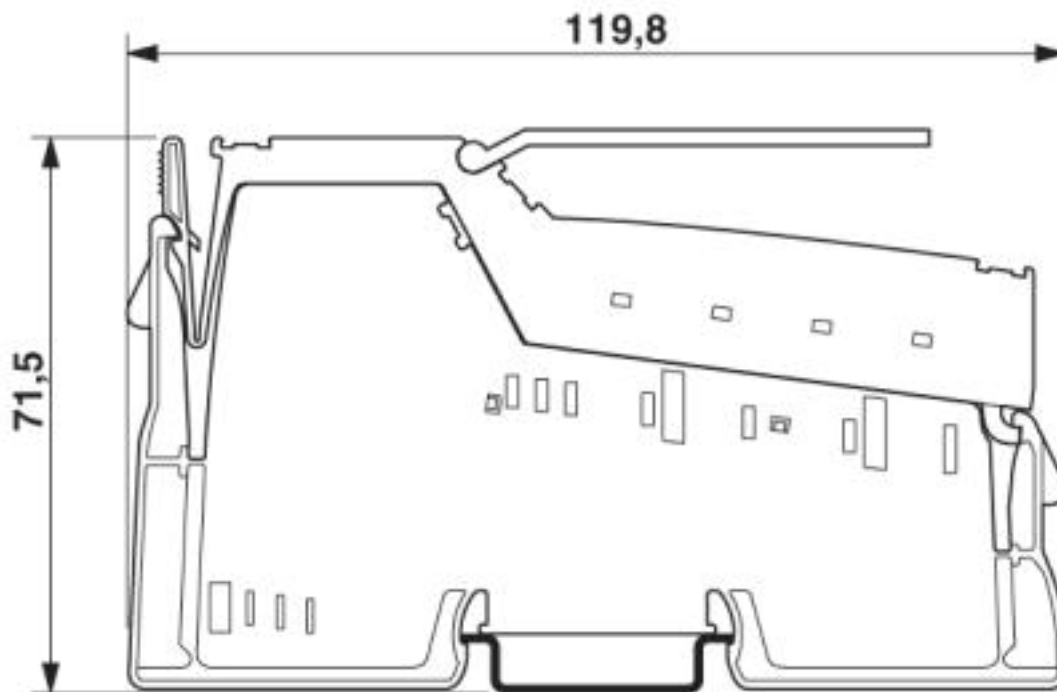
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Connection diagram



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Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 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
UNSPSC 7.0901	43201404
UNSPSC 11	43172015



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## Classifications

### UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	32151602

## Approvals

### Approvals

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Approvals

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






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### Ex Approvals

ATEX

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### Approval details

DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAA00002CU
BSH		<a href="http://www.bsh.de/de/index.jsp">http://www.bsh.de/de/index.jsp</a>	Anwenderhinweis
BV		<a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a>	20989/B2_BV
LR		<a href="http://www.lr.org/en">http://www.lr.org/en</a>	08/20033
ABS		<a href="http://www.eagle.org/eagleExternalPortalWEB/">http://www.eagle.org/eagleExternalPortalWEB/</a>	17-HG1621871-PDA
BSH		<a href="http://www.bsh.de/de/index.jsp">http://www.bsh.de/de/index.jsp</a>	658
RINA		<a href="http://www.rina.org/en">http://www.rina.org/en</a>	ELE183315XG
UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 140324

<https://www.phoenixcontact.com/gb/products/2693020>



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### Approvals

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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