Modular power terminal - IB IL EX-IS PWR IN-PAC - 2869910

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Inline power terminal for power supply to intrinsically safe I/O terminals

Your advantages

- Diagnostic LEDs (standard load, high load, overload) provide direct feedback regarding the capacity
- Electronic overload protection
- 1000 mA for logic supply circuit (UL)
- 1000 mA for I/O supply (UEX)
- The design requires a gap of 50 mm between intrinsically safe and non-intrinsically safe connections
- Electrical isolation between Inline I/O station and intrinsically safe I/O termination devices

Key Commercial Data

Packing unit	1 pc
GTIN	4 046356 470193
GTIN	4046356470193

Technical data

Note

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

Dimensions

Width	48.8 mm
Height	119.9 mm
Depth	70.4 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)

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Technical data

Ambient conditions

Degree of protection	IP20
	IP20

General

Mounting type	DIN rail
Color	blue
Net weight	292 g

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps

Inline potentials

Supply voltage	24 V DC (via Inline connector)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	max. 2 A
	max. 1.5 A
Designation	Communications power (U_L)
Supply voltage	5 V DC (via voltage jumper)
Power supply unit	1 A (max.)
Supply voltage	28 V DC ±5 %
Power supply unit	max. 1 A
Power consumption	max. 8 W

Standards and Regulations

ATEX	# II 3G Ex ec IIC T4 Gc Sira 10ATEX2130X
IECEx	Ex ec IIC T4 Gc IECEx SIR 10.0085X
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D, T4
Protection class	III (VDE 0106, IEC 60536)

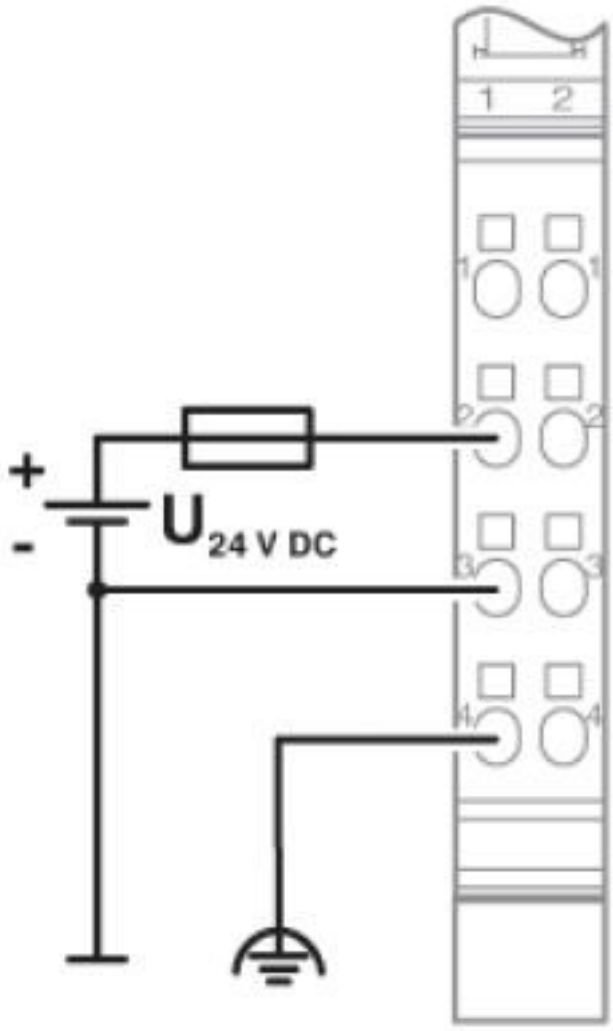
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Drawings

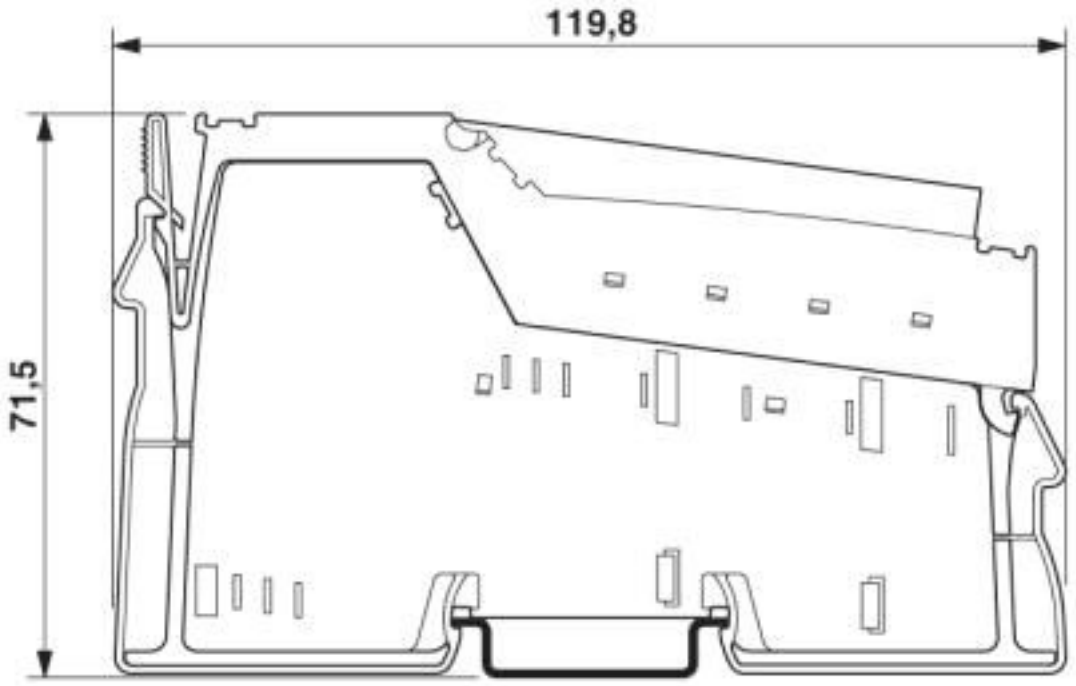
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Connection diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	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
UNSPSC 7.0901	43201404
UNSPSC 11	43172015

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Classifications

UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Accessories

Accessories

Distance terminal

Inline terminal - IB IL EX PWR-ISO-PAC - 2869909



Inline terminal for use as an isolator between non-intrinsically safe inline expansion I/O and intrinsically safe inline power supply.

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