

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

Product Features

- 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
Weight per Piece (excluding packing)	350.0 g
Custom tariff number	85389099
Country of origin	United States

Technical data

Note

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

Width	48.8 mm
Height	119.9 mm
Depth	70.4 mm

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Technical data

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)
Degree of protection	IP20

General

Mounting type	DIN rail
Net weight	292 g

Interfaces

Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Power supply for module electronics

Supply voltage	24 V DC
Supply voltage range	19.2 V ... 30 V
Supply current	max. 1.5 A
Current consumption	max. 2 A
Power dissipation	max. 8 W

Inline potentials

Supply for main circuit U_{Ex}	28 V DC ± 5 %
Power supply at U_{Ex}	max. 1000 mA
Communications power U_L	5 V DC (via voltage jumper)
Power supply at U_L	1000 mA (max.)

Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27240490
eCl@ss 4.1	27240490
eCl@ss 5.0	27242208

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Classifications

eCl@ss

eCl@ss 5.1	27242610
eCl@ss 6.0	27242610
eCl@ss 7.0	27242610
eCl@ss 8.0	27242610

ETIM

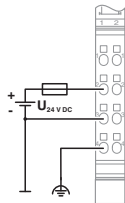
ETIM 3.0	EC001600
ETIM 4.0	EC001600
ETIM 5.0	EC001600

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Drawings

Connection diagram



Dimensional drawing

