

# IB IL EX PWR-ISO-PAC - Disconnect terminal block



2869909

<https://www.phoenixcontact.com/us/products/2869909>

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



## Product description

Inline isolator terminal is installed between non-intrinsically safe inline expansion I/O (green or yellow safety inline I/O) and the intrinsically safe inline power supply (IB IL EX-IS PWR IN-PAC, 2869910).

## Your advantages

- Permits additional modular Inline I/O to be installed after an IL BK... and before the IB IL EX PWR...

## Commercial data

Item number	2869909
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR01
Product key	DRI1E1
GTIN	4055626141060
Weight per piece (including packing)	85.6 g
Weight per piece (excluding packing)	81.5 g
Customs tariff number	85389099
Country of origin	US

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## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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#### Utilization restriction

CCCEX note	Use in potentially explosive areas is not permitted in China.
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### Product properties

Product type	Distance terminal
Product family	Inline
Type	modular
	Inline

### Electrical properties

#### Potentials: Communications power ( $U_L$ )

Supply voltage	7 V DC (via internal bus)
Power supply	25 mA (via internal bus)

### Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

### Material specifications

Color	green
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### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 %
Permissible humidity (storage/transport)	10 % ... 95 %

### Approvals

#### Ex data

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ATEX	DEMKO 16ATEX 1788X II 3G; Ex ec IIC T4 Gc
UL, USA / Canada	Class I, Div. 2, Groups A, B, C, D Class I, Zone 2, AEx nA IIC T4, Ex nA IIC T4 GcX

## Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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## Mounting

Mounting type	DIN rail mounting
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## Classifications

### ECLASS

ECLASS-13.0	27240692
ECLASS-15.0	27240692

### ETIM

ETIM 9.0	EC002584
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### UNSPSC

UNSPSC 21.0	39121400
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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