

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
Catalog page	Page 144 (C-6-2019)
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

Utilization restriction

EMC note	EMC: class A product, see manufacturer's declaration in the download area
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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)
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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

ATEX	DEMKO 16ATEX 1788X II 3G; Ex ec IIC T4 Gc
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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
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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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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2869909>



UL Listed

Approval ID: FILE E 140324



cUL Listed

Approval ID: FILE E 140324

UAE-RoHS

Approval ID: 22-04-13089



cUL Listed

Approval ID: FILE E 199827



UL Listed

Approval ID: FILE E 199827



ATEX

Approval ID: DEMKO 16 ATEX 1788X

cULus Listed

cULus Listed

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Classifications

ECLASS

ECLASS-11.0	27240692
ECLASS-12.0	27240692
ECLASS-13.0	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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Accessories

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

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



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