

IB IL DOR LV-SET-PAC - Disconnect terminal block



2861645

<https://www.phoenixcontact.com/us/products/2861645>

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Inline distance terminal, complete with accessories



Product description

The terminal is designed for use within an Inline station. Within an Inline station, a relay terminal can be used to switch voltages that are not available in the segment in which the terminal is used (e.g., switching 230 V AC in a 24 V DC segment). In this case, place a distance terminal before and after the relay terminal. This maintains the isolating distance between the individual areas. The distance terminals interrupt the potential jumpers for the main and segment voltage, ground, and functional ground. Cables are not connected to these terminals.

Commercial data

Item number	2861645
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR01
Product key	DRI1Z4
GTIN	4017918894481
Weight per piece (including packing)	123.5 g
Weight per piece (excluding packing)	32 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Notes

Note on application

Note on application	Only for industrial use
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Product properties

Product type	Distance terminal
Product family	Inline
Type	modular

Insulation characteristics

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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System properties

Programming data (LocalbusSlave)

ID code (dec.)	none
Register length (bus)	0 Byte

Fieldbus data telegram

Required parameter data	0 Byte
Required configuration data	0 Byte

Electrical properties

Test section	24 V supply (I/O) / functional ground 500 V AC 50 Hz 1 min
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Connection data

Inline connector

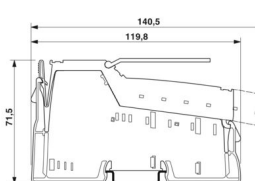
Connection method	Spring-cage connection
Stripping length	8 mm

Interfaces

Inline local bus

Connection method	Inline data jumper
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Dimensions

Dimensional drawing	
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Width	24.4 mm
Height	119.8 mm
Depth	71.5 mm

Material specifications

Color (Housing)	gray (RAL 7042)
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 %
Permissible humidity (storage/transport)	75 % ... 85 %

Mounting

Mounting type	DIN rail mounting
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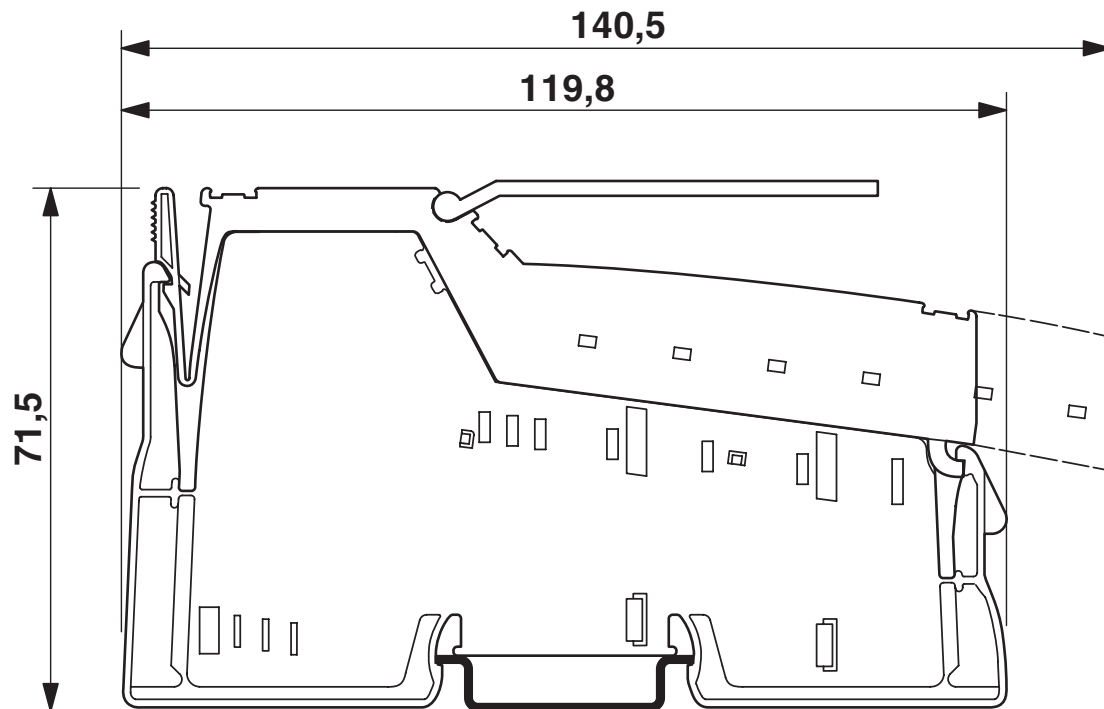
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Drawings

Dimensional drawing



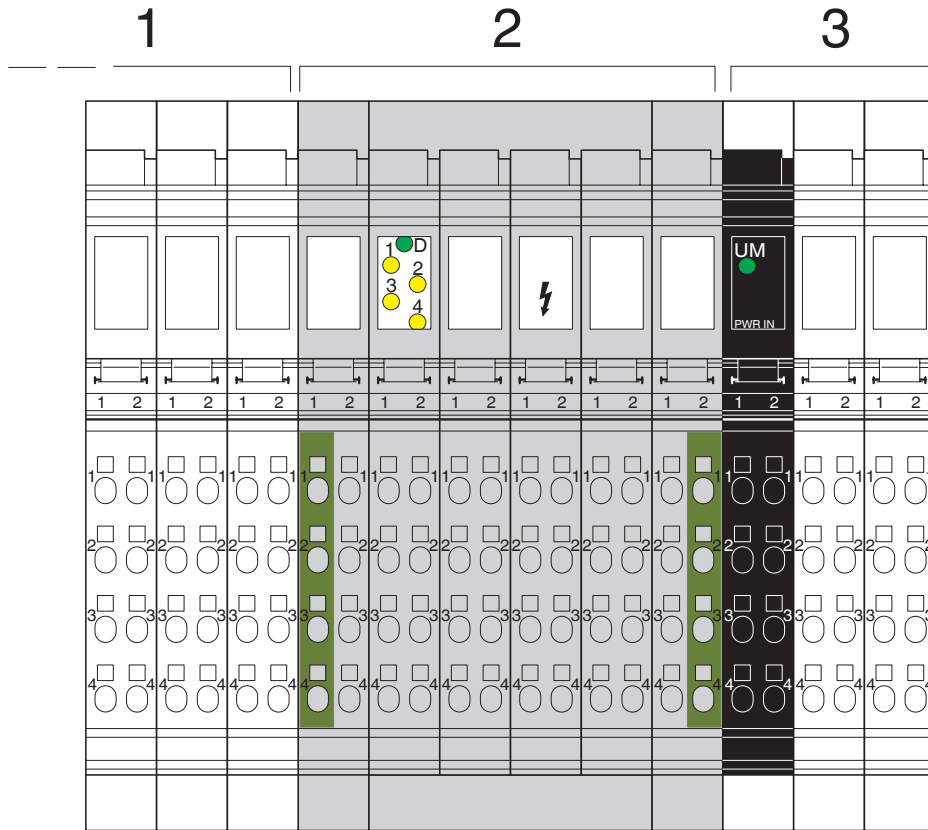
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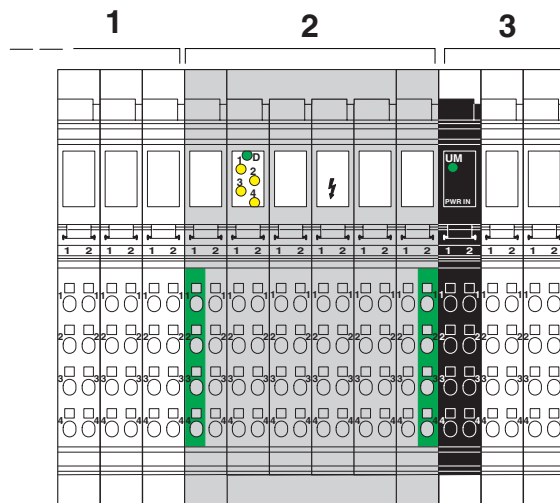
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Connection diagram



Schematic diagram

- 1 24 V area consisting of station head and I/O terminals
- 2 Relay terminal block separated by inline distance terminals
- 3 24 V area consisting of power terminal and I/O terminals



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2861645>



DNV GL

Approval ID: TAA00000BN



LR

Approval ID: LR23398855TA



BV

Approval ID: 21725/C1 BV

ABS

Approval ID: 22-2226444-PDA



cULus Recognized

Approval ID: E140324

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Classifications

ECLASS

ECLASS-13.0	27242692
ECLASS-15.0	27242692

ETIM

ETIM 10.0	EC002584
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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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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EF3.1 Climate Change

CO2e kg	1.676 kg CO2e
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com