

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 |
| Catalog page | Page 111 (C-6-2019) |
| 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

Product properties

| | |
|----------------|-------------------|
| Type | modular |
| Product type | Distance terminal |
| Product family | Inline |

Insulation characteristics

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

System properties

Module

| | |
|-----------------------------|--------|
| ID code (dec.) | none |
| ID code (hex) | none |
| Register length | 0 Byte |
| 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. |
|--------------|---|

Connection data

Inline connector

| | |
|-------------------|------------------------|
| Connection method | Spring-cage connection |
| Stripping length | 8 mm |

Interfaces

Inline local bus

| | |
|-------------------|--------------------|
| Connection method | Inline data jumper |
|-------------------|--------------------|

Dimensions

| | |
|---------------------|--|
| Dimensional drawing |  |
| Width | 24.4 mm |
| Height | 119.8 mm |
| Depth | 71.5 mm |

Material specifications

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| | |
|-----------------|-----------------|
| Color (Housing) | gray (RAL 7042) |
|-----------------|-----------------|

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