

IB IL 24/230 DOR4/W-PAC - Relay Module



2861878

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Inline, Relay terminal, Relay outputs: 4 (floating), Changeover contact, 24 V DC, 230 V AC, for switching ohmic loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

Product description

The terminal is designed for use within an Inline station. The terminal has four floating relay changeover contacts. The terminal can be used in the PELV area and in the AC area. Observe the applicable regulations and safety notes when using the terminal in the AC area. Features - Safe isolation in accordance with EN 50178 - Floating connection for four actuators - Nominal current at the output: 3 A - Total current of the terminal: 4x 3 A = 12 A - Diagnostic and status indicators

Your advantages

- Safe isolation
- Floating connections for 4 actuators
- Nominal current at the output: 3 A
- Total current of the terminal: 3 A
- Diagnostic and status indicators

Commercial data

Item number	2861878
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	DRI133
Catalog page	Page 133 (C-6-2019)
GTIN	4017918894573
Weight per piece (including packing)	216.4 g
Weight per piece (excluding packing)	138 g
Customs tariff number	85389099
Country of origin	DE

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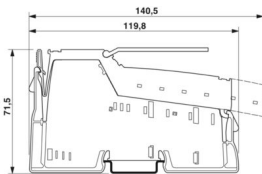


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Technical data

Dimensions

Dimensional drawing	
Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

Interfaces

Inline local bus

Number of interfaces	2
Connection method	Inline data jumper
Transmission speed	500 kbps

System properties

Module

ID code (dec.)	189
ID code (hex)	BD
Length code (hex)	41
Length code (dec)	65
Process data channel	4 bit
Input address area	0 Byte
Output address area	4 bit
Register length	4 bit
Required parameter data	3 Byte
Required configuration data	4 Byte

Output data

Relay

Number of outputs	4 (floating)
Connection method	Spring-cage connection
Contact switching type	Changeover contact
Switching voltage	min. 5 V DC max. 250 V DC

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Product properties

Type	modular
Product type	I/O component
Product family	Inline
Scope of delivery	including Inline connectors and marking fields
No. of channels	4

Electrical properties

Maximum power dissipation for nominal condition	4.8 W
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Potentials: Communications power (U_L)

Supply voltage	7.5 V DC (via voltage jumper)
Current draw	max. 187 mA

Electrical isolation/isolation of the voltage ranges

Test voltage: Relay contact / Bus logics	4 kV, 50 Hz, 1 min.
Test voltage: Contact/contact	1 kV, 50 Hz, 1 min.
Test voltage: Contact / PE	1 kV, 50 Hz, 1 min.

Connection data

Connection technology

Connection name	Inline connector
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Conductor connection

Connection method	Spring-cage connection
Conductor cross section rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Inline connector

Connection method	Spring-cage connection
Conductor cross section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °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 ... 85 °C

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Permissible humidity (operation)	0 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	0 % ... 85 % (slight temporary condensation may sometimes appear on the housing)

Standards and regulations

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

Mounting type	DIN rail mounting
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