

Inline terminal - IB IL 24/230 DOR4/W-PAC - 2861878

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Inline digital output terminal, complete with accessories (connector and labeling field), 4 relay PDT gold contacts, 5 - 253 V AC, 3 A

Product Description

The terminal is designed for use within an Inline station. It has four relay PDT contacts led out floating. The terminal can be used in the field of low voltage and AC. When using the terminal in AC applications, observe the applicable regulations and safety instructions!

Features

- Safe isolation in acc. with EN 50178
- Floating connection for four actuators
- Nominal current at output: 3 A
- Total current of terminal: 4x 3 A = 12 A
- Diagnostics and status display

Why buy this product

- 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



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 894573

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

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

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Ambient conditions

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

General

Net weight	138 g
Note on weight specifications	Without plug
Mounting type	DIN rail

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Power supply for module electronics

Supply voltage	24 V DC (nominal value)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Communications power U_L	7.5 V (via voltage jumper)
Current consumption	max. 187 mA (from the local bus)
Power consumption	max. 0.17 W (from the local bus OFF)

Inline potentials

Communications power U_L	7.5 V
Current consumption from U_L	max. 187 mA

Digital outputs

Output name	Relay output
Connection method	Spring-cage connection
	Floating SPDT relay contact
Number of outputs	4
Maximum output current per channel	3 A
Maximum output current per module	12 A

Standards and Regulations

Test section	Relay contact / Bus logics 4 kV 50 Hz 1 min.
	Contact/contact 1 kV 50 Hz 1 min.
	Contact / PE 1 kV 50 Hz 1 min.
Connection in acc. with standard	CUL

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Standards and Regulations

Protection class	I, IEC 61140, EN 61140, VDE 0140-1
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Classifications

eCl@ss

eCl@ss 4.0	27250302
eCl@ss 4.1	27250302
eCl@ss 5.0	27250302
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

ETIM 2.0	EC001430
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

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UL Recognized / cUL Recognized / LR / BV / ABS / RINA / BSH / BSH / EAC / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

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Approvals

UL Recognized 

cUL Recognized 

LR

BV

ABS

RINA

BSH

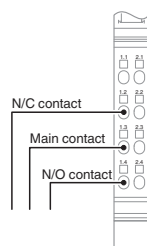
BSH

EAC

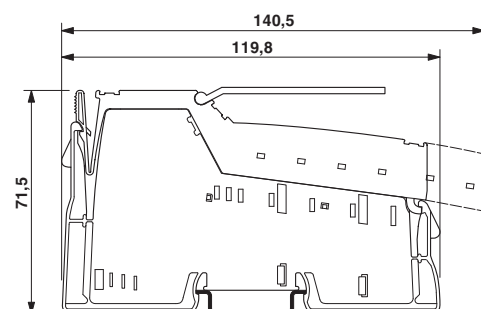
cULus Recognized 

Drawings

Connection diagram



Dimensional drawing



Block diagram