

Inline terminal - IB IL 24/230 DOR4/W-PC-PAC - 2862181

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

Product Features

- Safe isolation
- Nominal current at the output: 3 A
- Total current of the terminal: 3 A
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	224.5 g
Custom tariff number	85389091
Country of origin	Germany

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

Ambient conditions

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

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Ambient conditions

Permissible humidity (operation)	75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	75 % ... 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

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

Interfaces

Designation	Inline local bus
Connection method	Via data marshalling
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. 22 mA (from the local bus OFF)
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

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

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

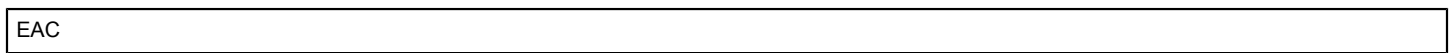
Ex Approvals

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Approvals

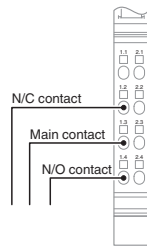
Approvals submitted

Approval details

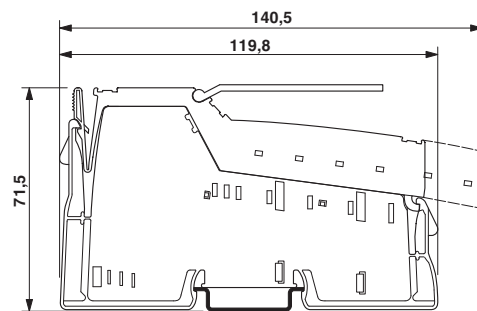


Drawings

Connection diagram



Dimensional drawing



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Block diagram

