

Inline terminal - IB IL 24/48 DOR 2/W-PAC - 2863119

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Inline digital output terminal block, complete with accessories (connector plug and labeling field), 2 SPDT relay contacts, gold contact, 5 - 48 V DC, 2 A

Why buy this product

- 2 relays
- Floating connections for 2 actuators
- Nominal current per output: 2 A
- Total current of the terminal: 4 A
- Diagnostic and status indicators



Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 939229

Technical data

Note

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

Width	12.2 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
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
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)

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Technical data

Ambient conditions

Degree of protection	IP20
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General

Net weight	63 g
Note on weight specifications	with connector
Mounting type	DIN rail
Operating mode	Process data mode with 2 bits

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. 30 mA (from the local bus)
Power consumption	max. 0.23 W (from the local bus)

Inline potentials

Communications power U_L	7.5 V DC
Current consumption from U_L	max. 30 mA
Power consumption	0.23 W (at U_L)

Digital outputs

Output name	Relay output
Connection method	Spring-cage connection
	Floating SPDT relay contact
Number of outputs	2
Nominal output voltage	48 V DC
Maximum output current per channel	2 A
Maximum output current per module / terminal block	4 A

Relay contact data

Contact type	2 floating PDT contacts
Switching voltage	min. 10 mV (DC)
Switching current	min. 10 μ A
Switching capacity	60 W

Standards and Regulations

Test section	Relay contact / Bus logics 1.5 kV 50 Hz 1 min.
	Contact/contact 1 kV 50 Hz 1 min.
	Contact / PE 1 kV 50 Hz 1 min.

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Standards and Regulations

Protection class	III, 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

Approvals

LR / BV / ABS / LR / BV / ABS

Ex Approvals

Approvals submitted

Approval details

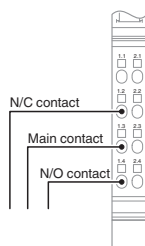
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Approvals

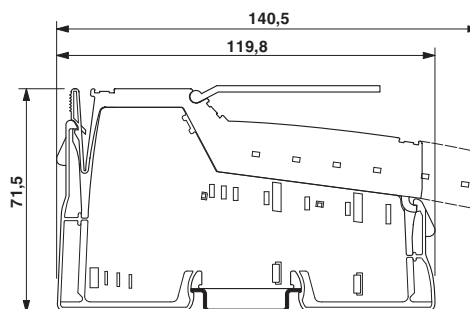
LR
BV
ABS
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Drawings

Connection diagram



Dimensional drawing



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