

Inline terminal - IB IL 24/48 DOR 2/W-XC-PAC - 2701214

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Inline digital output terminal, version for extreme conditions, complete with accessories (connector plug and labeling field), 2 relay PDTs, gold contact, 5 - 48 V DC, 2 A

Why buy this product

- 2 SPDT 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 pc
GTIN	 4 046356 727792
Weight per Piece (excluding packing)	63.0 g
Custom tariff number	85389091
Country of origin	Germany
Note	Made to Order (non-returnable)

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
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Technical data

Ambient conditions

	-40 °C ... 70 °C (See "Tested successfully: use under extreme ambient conditions" in the data sheet.)
Ambient temperature (storage/transport)	-40 °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)
Degree of protection	IP20

General

Weight	63 g
Note on weight specifications	with connector
Mounting type	DIN rail
Operating mode	Process data mode with 2 bits
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
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

Interfaces

Fieldbus system	Lokalbus
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
Number of outputs	2
Nominal output voltage	48 V DC
Maximum output current per channel	2 A

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Technical data

Digital outputs

Maximum output current per module / terminal block	4 A
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Classifications

eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404
eCl@ss 5.0	27242204
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604

ETIM

ETIM 2.0	EC001433
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	39121311
UNSPSC 12.01	39121311
UNSPSC 13.2	39121311

Accessories

Accessories

Distance terminal

Inline terminal - IB IL DOR LV-SET-PAC - 2861645



Inline distance terminal, complete with accessories

Labeling panel

Inline terminal - IB IL 24/48 DOR 2/W-XC-PAC - 2701214

Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Plug

Inline connector - IB IL SCN-8 - 2726337



Connector, for digital 1, 2 or 8-channel Inline terminals

Terminal marking

Insert strip - ESL 62X10 - 0809492

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm



Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

Flat zack marker sheet - ZBFM 6/WH:UNBEDRUCKT - 0803618

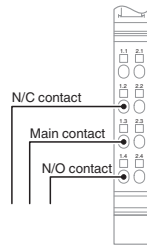
Flat zack marker sheet, Sheet, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5 x 5.5 mm



Drawings

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Connection diagram



Dimensioned drawing

