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Inline terminal - IB IL 24/230 DOR4/HC-PAC - 2897716

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Inline digital output terminal, complete with accessories (connector and labeling field), 4 relay contacts, 5 - 253 V AC, 10 A, high inrush current

Product Description

The terminal is designed for use within an Inline station. It has four floating relay contacts. The terminal can be used in the SELV area and in the AC area. Observe the appropriate regulations and safety notes when using the terminal in the AC area.

Features
- Safe isolation according to EN 50178
- Floating connection for four actuators
- Nominal current at the output: 10 A
- High inrush current
- Diagnostic and status indicators

Product Features

- Floating connections for 4 actuators
- Nominal current 10 A
- Safe isolation
- Low power consumption through use of bistable relays
- Diagnostic and status indicators

Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	260.0 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

Dimensions

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Technical data

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
Permissible humidity (operation)	0 % ... 85 % (non-condensing)
Permissible humidity (storage/transport)	0 % ... 85 % (slight temporary condensation may sometimes appear on the housing)
Air pressure (operation)	80 kPa ... 106 kPa (up to 2000 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	229 g
Note on weight specifications	with connectors

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. 34 mA (from the local bus)

Inline potentials

Communications power U_L	7.5 V
Current consumption from U_L	max. 34 mA
Current consumption from U_{ANA}	10 mA (Maximum 55 mA during the switching process (duration of approximately 25 ms per switched relay))

Digital outputs

Output name	Relay output
Connection method	Spring-cage connection
	floating relay N/O contact

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Digital outputs

Number of outputs	4
Nominal output voltage	24 V DC
Maximum output current per channel	10 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.
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

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

Accessories

Accessories

Connector set

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Accessories

Connector set - IB IL DOR LV-PLSET - 2742667

Connector set for distance terminal

Distance terminal

Inline terminal - IB IL DOR LV-SET - 2742641

Inline distance terminal, without accessories

Labeling panel

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm

Labeling field - IB IL FIELD 8 - 2727515

Labeling field, width: 48.8 mm

Plug

Inline terminal - IB IL 24/230 DOR4/HC-PAC - 2897716

Accessories

Inline connector - IB IL SCN-8-AC-REL - 2740290

Plug, for digital 1, 2 or 8-channel Inline terminals with AC voltage

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

Insert strip - ESL 62X46 - 0809502

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 46 mm

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