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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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IB IL 24/230 DOR4/HC-PAC

Order No.: 2897716



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2897716>

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

Commercial data	
GTIN (EAN)	 4 046356 133081
Note	Made-to-order
sales group	K411
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 279 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
08/22/2007



<http://www.download.phoenixcontact.com>
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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

Technical data

General data

Width	48.8 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions
Weight	229 g
Note on weight specifications	with male connectors
Mounting type	DIN rail
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	0 % ... 85 % (without condensation)
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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	Relay contact / Bus logics 4 kV 50 Hz 1 min
	Contact to contact 1 kV 50 Hz 1 min
	Contact / PE 1 kV 50 Hz 1 min

Interface

Name	Local bus
Type of connection	Inline data jumper
Transmission speed	500 kBaud

Power supply for module electronics

Supply voltage	24 V DC (nominal value)
Supply voltage range	19.2 V DC ... 30 V DC
Communications power U_L	7.5 V (via voltage jumper)
Current consumption	max. 34 mA (from the local bus)

Inline potential routing

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
Type of connection	Spring-cage connection
Connection method	Floating SPDT relay contact
Number of outputs	4
Maximum output current per channel	10 A

Accessories

Item	Designation	Description
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General

2742641	IB IL DOR LV-SET	Inline distance terminal, without accessories
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Marking

0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
0809502	ESL 62X46	Insert strip for laser printer, lettering field: 62 x 46 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
2727515	IB IL FIELD 8	Labeling field, width: 48.8 mm

Plug/Adapter

2742667	IB IL DOR LV-PLSET	Connector set for distance terminal
2740290	IB IL SCN-8-AC-REL	Plug, for digital 1, 2 or 8-channel Inline terminals with AC voltage

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