

Inline terminal - IB IL 24/230 DOR4/W-PAC - 2861878

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

Product description

The terminal is designed for use within an Inline station. It has four relay PDT contacts led out floating. The terminal can be used in the field of low voltage and AC. When using the terminal in AC applications, observe the applicable regulations and safety instructions!

Features

- Safe isolation in acc. with EN 50178
- Floating connection for four actuators
- Nominal current at output: 3 A
- Total current of terminal: $4 \times 3 \text{ A} = 12 \text{ A}$
- Diagnostics and status display

Product Features

- Safe isolation
- Floating connections for 4 actuators
- 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)	223.8 GRM
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

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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 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	0 % ... 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

Weight	138 g
Note on weight specifications	Without plug
Mounting type	DIN rail
Protection class	I, 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

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. 187 mA (from the local bus)
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

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Technical data

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
Maximum output current per module	12 A

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

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 / GOST / LR / GL / BV / DNV / ABS / RINA / GL-SW / BSH / BSH / cULus Recognized / GL


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Approvals

Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

GOST 

LR

GL

BV

DNV

ABS

RINA

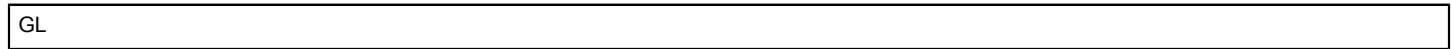
GL-SW

BSH

BSH

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Approvals



Accessories

Accessories

Connector set

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

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



Inline distance terminal, complete with accessories

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Accessories

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



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

Terminal marking

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Accessories

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



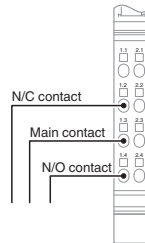
Insert strip - ESL 62X46 - 0809502

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

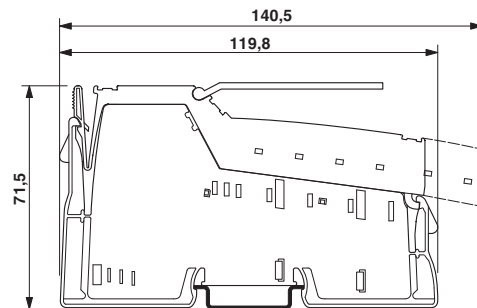


Drawings

Connection diagram

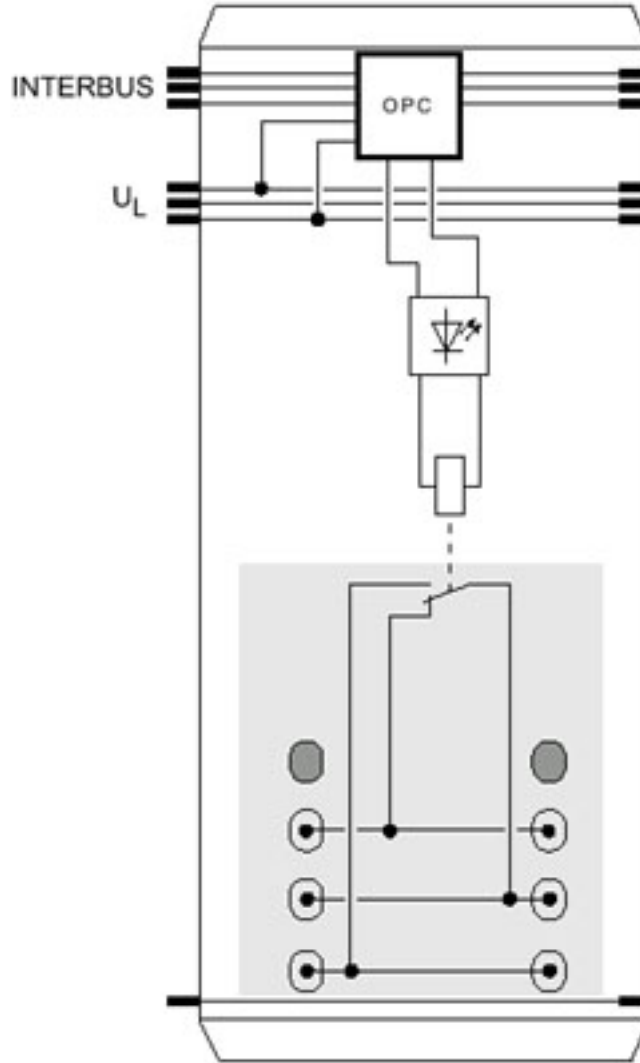


Dimensioned drawing



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Block diagram



Inline terminal - IB IL 24/230 DOR4/W-PAC - 2861878

Catalog photo

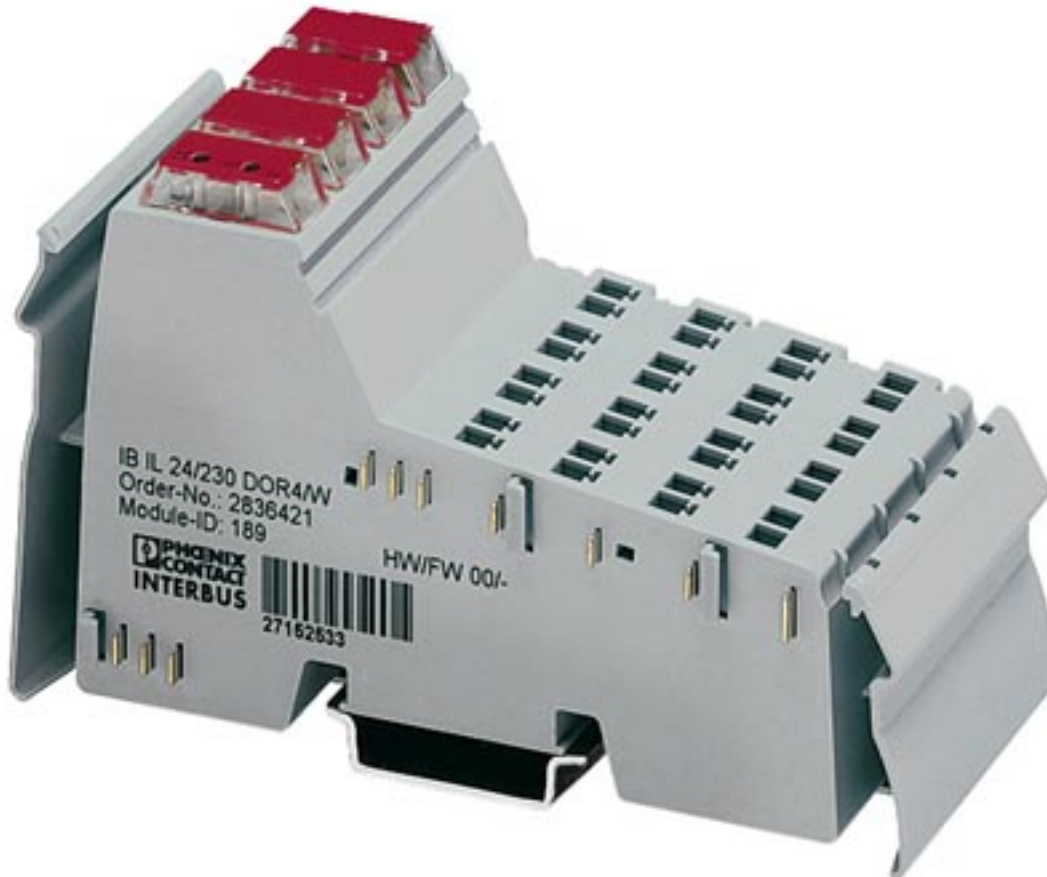


Figure may contain other products.