

Inline terminal - IB IL 24/230 DOR1/W-PAC - 2861881

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Inline, Relay terminal, Relay output: , 1 (floating contacts), 24 V AC, 230 V AC, for switching ohmic loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

Product Description

The terminal is designed for use within an Inline station. It has one floating SPDT relay contact.


Your advantages

- ✓ Safe isolation
- ✓ Floating connection for one actuator
- ✓ Nominal current at the output: 3 A
- ✓ Total current of the terminal: 3 A
- ✓ Diagnostic and status indicators



-MUR

Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 894580
GTIN	4017918894580

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

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Technical data

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	75 % ... 85 % (in the range of -25°C ... +55°C, appropriate measures against increased humidity (> 85%) must be taken.)
Permissible humidity (storage/transport)	75 % ... 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

Mounting type	DIN rail
Color	gray
Net weight	46 g
Note on weight specifications	without plug

Interfaces

Designation	Inline local bus
No. of channels	2
Connection method	Inline data jumper
Transmission speed	500 kbps

Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	max. 60 mA

Relay outputs

Output name	Relay output
Output description	SPDT relay contact
Design of digital output	Relay
Number of outputs	1 (floating contacts)
Connection method	Spring-cage connection
Output current	max. 3 A (per channel) max. 3 A (per module)
Nominal output voltage	24 V AC 230 V AC
Output voltage range	5 V AC ... 253 V AC
Switching voltage	max. 250 V DC min. 5 V DC

Electrical isolation

Test section	Relay contact / Bus logics 4 kV 50 Hz 1 min.
	Contact/contact 1 kV 50 Hz 1 min.

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Electrical isolation

	Contact / PE 1 kV 50 Hz 1 min.
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Standards and Regulations

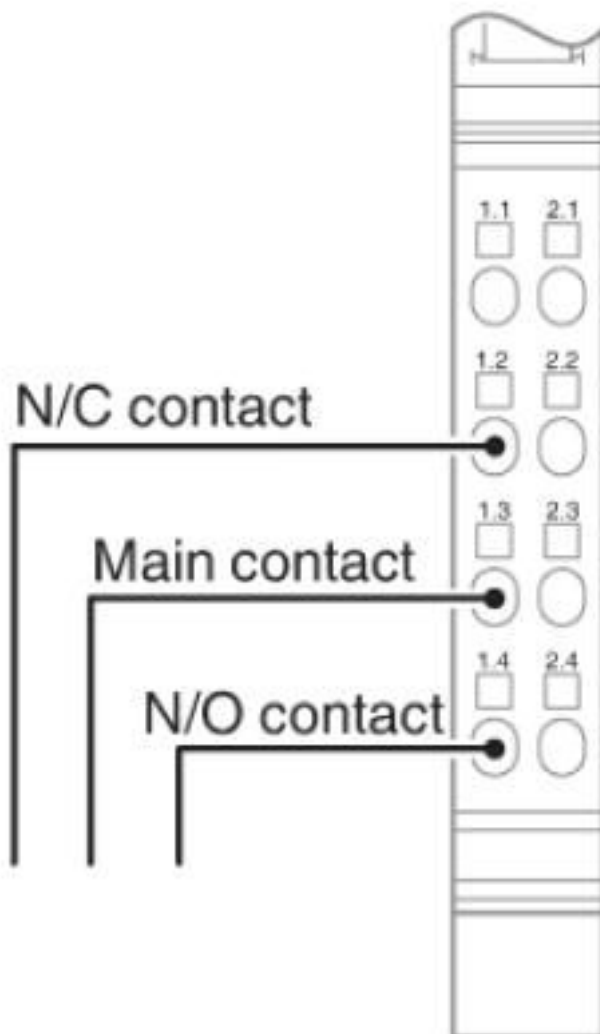
Connection in acc. with standard	CUL
Protection class	I (MЭК 61140, EN 61140, VDE 0140-1)

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

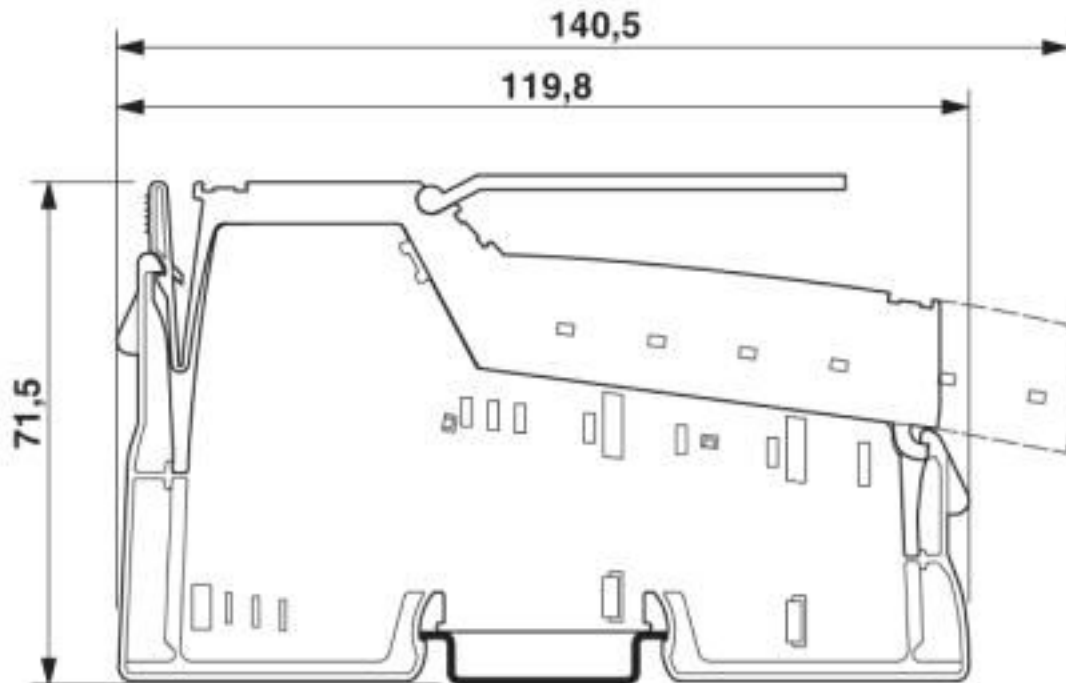
Drawings

Connection diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27242604
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27250300
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
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
ETIM 6.0	EC001599
ETIM 7.0	EC001599

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404

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Classifications

UNSPSC

UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

Approvals

Approvals





Approvals

DNV GL / BV / LR / ABS / BSH / UL Recognized / EAC

Ex Approvals


UL Listed / cUL Listed / cULus Listed

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA00000BN
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	21725/B0 BV
LR		http://www.lr.org/en	08/20033
ABS		http://www.eagle.org/eagleExternalPortalWEB/	17-HG1621871-PDA
BSH			Anwenderhinweis
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324

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Approvals

EAC		EAC-Zulassung
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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

Inline terminal - IB IL DOR LV-SET - 2742641



Inline distance terminal, without accessories

Labeling panel

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Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 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

Insert strip - ESL 62X10 - 0809492



Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems: Laser printer, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72

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