

IB IL DO 1 AC-PAC - Digital module



2861920

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Inline, Digital output terminal, Digital outputs: 1, 230 V AC, connection technology: 3-conductor, 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 is used to output digital signals in the AC voltage range.

Your advantages

- 4 digital outputs
- Connection of actuators in 3-conductor technology
- Nominal current per output: 500 mA
- Diagnostic and status indicators

Commercial data

Item number	2861920
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR01
Product key	DRI132
Catalog page	Page 132 (C-6-2019)
GTIN	4017918894610
Weight per piece (including packing)	73.2 g
Weight per piece (excluding packing)	45 g
Customs tariff number	85389099
Country of origin	DE

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Technical data

Dimensions

Dimensional drawing	
Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm
Note on dimensions	Housing dimensions

Interfaces

Inline local bus

Number of interfaces	2
Connection method	Inline data jumper
Transmission speed	500 kbps

System properties

Module

ID code (dec.)	189
ID code (hex)	BD
Length code (hex)	C2
Length code (dec)	194
Process data channel	2 bit
Input address area	0 Byte
Output address area	2 bit
Register length	2 bit
Required parameter data	3 Byte
Required configuration data	4 Byte

Output data

Digital

Output name	Digital outputs
Connection method	Spring-cage connection
Connection technology	3-conductor
Number of outputs	1
Protective circuit	Overload protection, short-circuit protection of outputs
Maximum output current per channel	500 mA

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Maximum output current per module	500 mA
Nominal output voltage	230 V AC
Output voltage range	12 V AC ... 253 V AC

Product properties

Type	modular
Product type	I/O component
Product family	Inline
Scope of delivery	including Inline connector and labeling field
No. of channels	1

Electrical properties

No. of channels	1
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Potentials: Communications power (U_L)

Supply voltage	7.5 V DC (via voltage jumper)
Current draw	max. 35 mA

Potentials: I/O supply

Supply voltage	230 V AC (via voltage jumper)
Current draw	0.5 A

Connection data

Connection technology

Connection name	Inline connector
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Conductor connection

Connection method	Spring-cage connection
Conductor cross section rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Inline connector

Connection method	Spring-cage connection
Conductor cross section, rigid	0.08 mm ² ... 1.5 mm ²
Conductor cross section, flexible	0.08 mm ² ... 1.5 mm ²
Conductor cross section AWG	28 ... 16
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)

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Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
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)

Standards and regulations

Protection class	I (IEC 61140, EN 61140, VDE 0140-1)
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Mounting

Mounting type	DIN rail mounting
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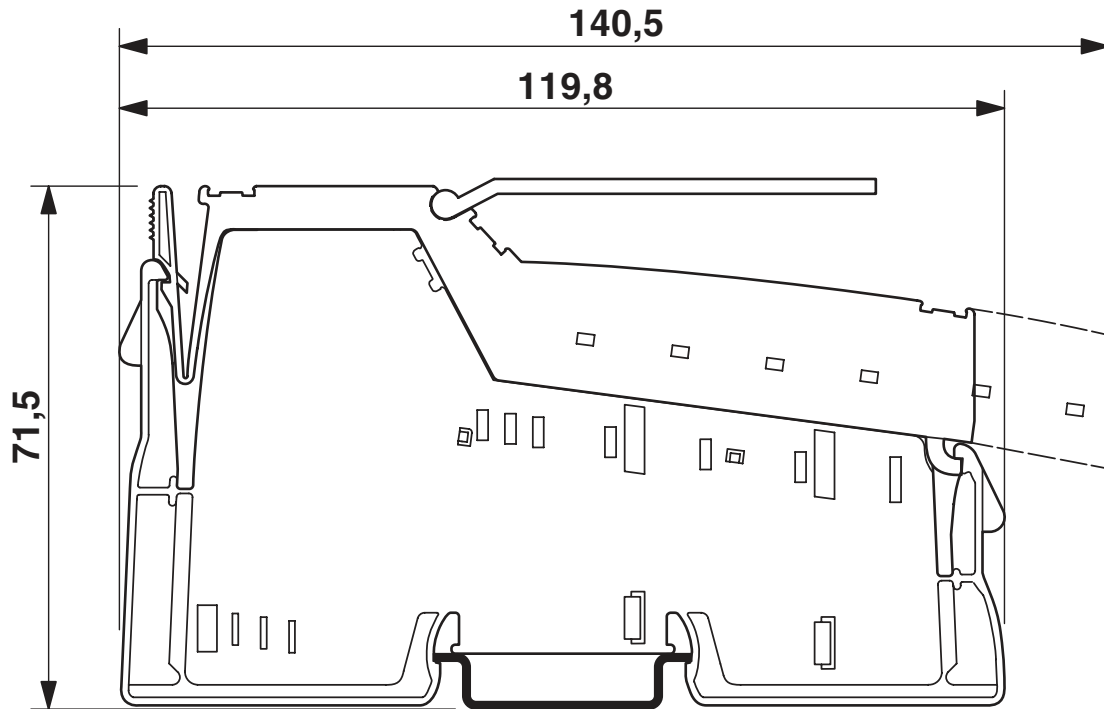


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Drawings

Dimensional drawing



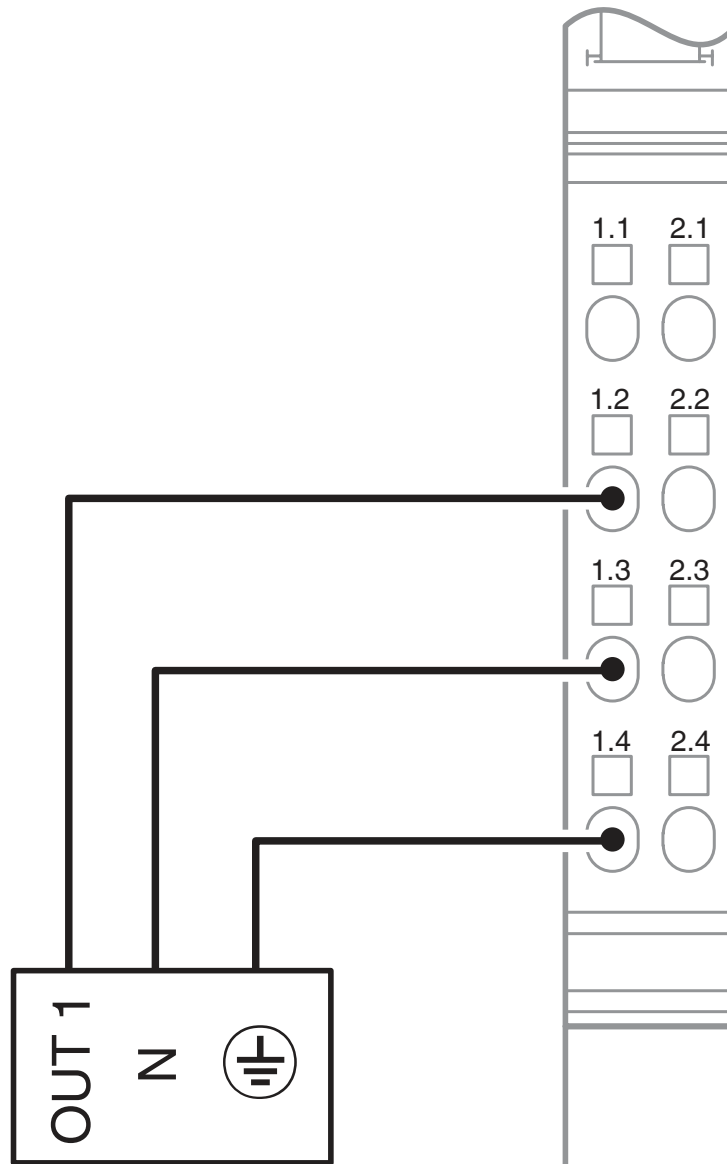
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Connection diagram



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Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2861920>



UL Recognized

Approval ID: FILE E 140324



EAC

Approval ID: TR_TS_D_01831-19

UAE-RoHS

Approval ID: 22-04-13089

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Classifications

ECLASS

ECLASS-11.0	27242604
ECLASS-12.0	27242604
ECLASS-13.0	27242604

ETIM

ETIM 8.0	EC001599
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

IB IL SCN-8-AC-OCP - Inline connector

2740274

<https://www.phoenixcontact.com/us/products/2740274>



Connector, colored identification, for digital 1, 2 or 8-channel Inline output terminal blocks

IB IL FIELD 2 - Labeling field

2727501

<https://www.phoenixcontact.com/us/products/2727501>



Labeling field, width: 12.2 mm

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ESL 62X10 - Insert strip

0809492

<https://www.phoenixcontact.com/us/products/0809492>

Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, CMS-P1-PLOTTER, mounting type: insert, lettering field size: 62 x 10 mm, Number of individual labels: 72



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