

# 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
Sales key	DR01
Product key	DRI132
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

### Material specifications

Color (Housing)	gray (RAL 7042)
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### Interfaces

#### Inline local bus

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

### System properties

#### Programming data (LocalbusSlave)

Length code (hex)	C2
ID code (dec.)	189
Length code (dec)	194
Process data channel	2 bit
Input address area	0 Byte
Output address area	2 bit
Parameter channel (PCP)	0 bit
Register length (bus)	2 bit

#### Fieldbus data telegram

Required parameter data	3 Byte
Required configuration data	4 Byte

### Output data

#### Digital:

Output name	Digital outputs
Connection method	Spring-cage connection

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Connection technology	3-conductor
Number of outputs	1
Protective circuit	Overload protection, short-circuit protection of outputs
Maximum output current per channel	500 mA
Maximum output current per module	500 mA
Nominal output voltage	230 V AC
Output voltage range	12 V AC ... 253 V AC

## Product properties

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

## Electrical properties

### 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

### Electrical isolation/isolation of the voltage ranges

Test voltage: 5 V supply, incoming remote bus/7.5 V supply (bus logics)	500 V AC, 50 Hz, 1 min
Test voltage: 5 V supply, outgoing remote bus/7.5 V supply (bus logics)	500 V AC, 50 Hz, 1 min
Test voltage: 7.5 V supply (bus logics) / I/O area	2500 V AC, 50 Hz, 1 min
Test voltage: Routine test	1200 V AC, 50 Hz, 1 min
Test voltage: I/O area / FE	500 V AC, 50 Hz, 1 min
Test voltage: Output / Phase	500 V AC, 50 Hz, 1 min

## Connection data

### Connection technology

Connection name	Inline connector
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### Inline connector

Connection method	Spring-cage connection
Conductor cross-section, rigid	0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.08 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
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)
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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## Drawings

Dimensional drawing



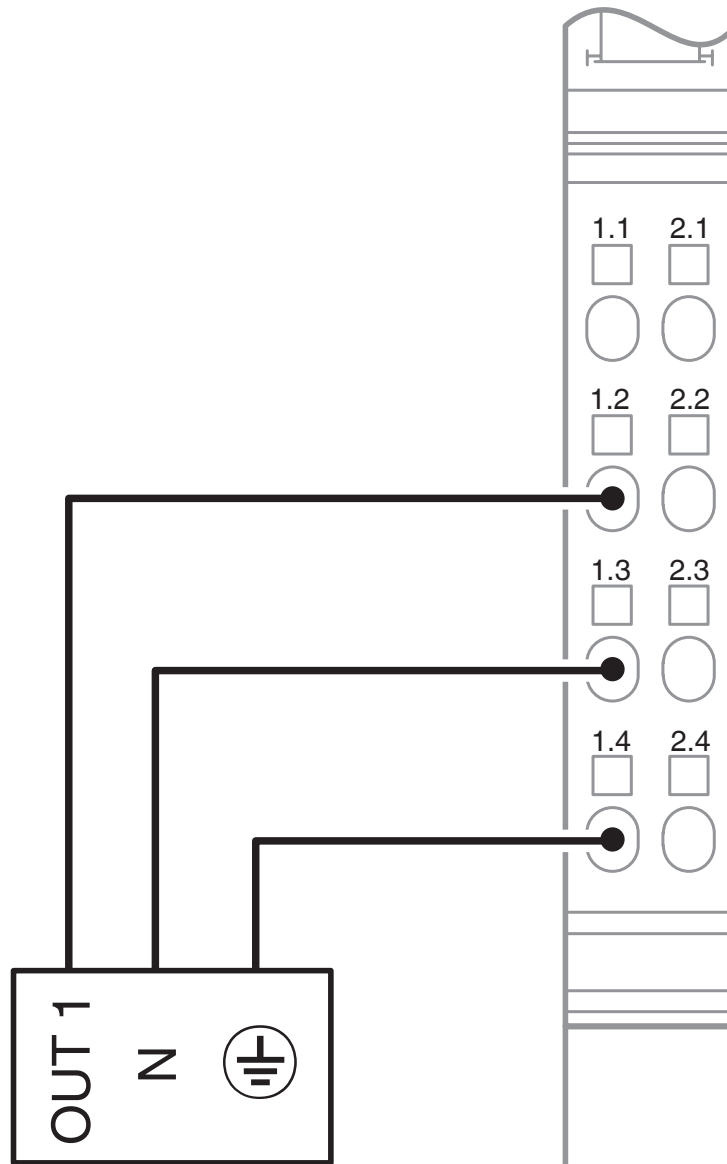
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Connection diagram



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## Classifications

### ECLASS

ECLASS-13.0

27242604

### ETIM

ETIM 9.0

EC001599

### UNSPSC

UNSPSC 21.0

32151600

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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	461b498d-4a82-477c-9e3e-2b7c1d2dedac

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