

# IB IL 24 DI 8/T2-PAC/10 - Digital module



2897431

<https://www.phoenixcontact.com/us/products/2897431>

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Inline, Digital input terminal, Digital inputs: 8, 24 V DC, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

## Product description

The terminal is designed for use within an Inline station. It is used to acquire digital signals.

## Commercial data

Item number	2897431
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	DR19
Product key	DRI131
GTIN	4046356138956
Weight per piece (including packing)	197.24 g
Weight per piece (excluding packing)	118 g
Customs tariff number	85389091
Country of origin	DE

## Technical data

### Notes

#### Note on application

Note on application	Only for industrial use
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### Material specifications

Color (Housing)	green (RAL 6021)
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### Interfaces

#### Inline local bus

Connection method	Inline data jumper
Transmission speed	500 kbps

### Input data

#### Digital:

Input name	Digital inputs
Description of the input	IEC 61131-2 Type 2
Number of inputs	8
Connection method	Spring-cage connection
Connection technology	4-conductor
Input voltage range "1" signal	15 V DC ... 30 V DC
Nominal input voltage $U_{IN}$	24 V DC

### Product properties

Product type	I/O component
Product family	Inline
Type	modular
Scope of supply	including Inline connectors and marking fields

### Electrical properties

Maximum power dissipation for nominal condition	24.12 W
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#### Potentials: Communications power ( $U_L$ )

Supply voltage	7.5 V DC
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#### Potentials: Segment circuit supply ( $U_S$ )

Supply voltage	24 V DC (via voltage jumper)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)

### Connection data

#### Connection technology

Connection name	Inline connector
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## Inline connector

Connection method	Spring-cage connection
Stripping length	8 mm

## Environmental and real-life conditions

### Ambient conditions

Degree of protection	IP20
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## Mounting

Mounting type	DIN rail mounting
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## Classifications

### ECLASS

ECLASS-13.0	27242604
ECLASS-15.0	27242604

### ETIM

ETIM 10.0	EC001599
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### 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)
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### EF3.1 Climate Change

CO2e kg	2.605 kg CO2e
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