

Inline terminal - IB IL 24 DI 2-NPN - 2740112

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Inline digital input terminal block, without accessories, 2 inputs with negative logic, 24 V DC, 2, 3, and 4-wire connection method

The figure shows product versions - PAC incl. plug and accessories.

Product Description

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

Your advantages

- ✓ Connections for 2 digital sensors, npn-wired
- ✓ Connection of sensors in 2, 3, and 4-wire technology
- ✓ Maximum permissible load current per sensor: 250 mA
- ✓ Diagnostic and status indicators



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 570088
GTIN	4017918570088

Technical data

Dimensions

Width	12.2 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)	10 % ... 95 % (according to DIN EN 61131-2)

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Technical data

Ambient conditions

Permissible humidity (storage/transport)	10 % ... 95 % (according to DIN EN 61131-2)
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

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps

Digital inputs

Input name	Digital inputs
Description of the input	IEC 61131-2 type 1
Connection method	Spring-cage connection
Connection technology	2, 3, 4-wire
Number of inputs	2
Typical response time	< 1 ms
Type of protection	Short-circuit and overload protection
Input voltage	24 V DC (via voltage jumper)
Input voltage range "0" signal	-3 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC

Standards and Regulations

Connection in acc. with standard	CUL
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

General

Mounting type	DIN rail
Net weight	45.89 g
Note on weight specifications	without plug

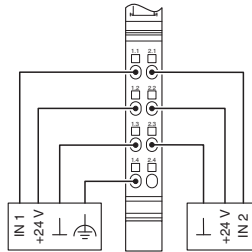
Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	max. 35 mA
Designation	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)
Current consumption	max. 0.5 A

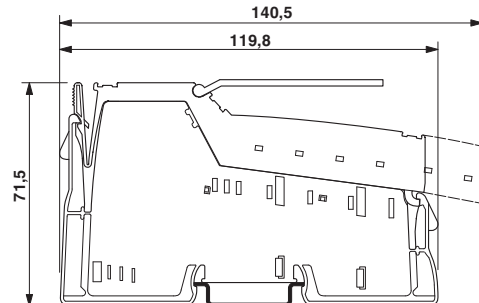
Drawings

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Connection diagram



Dimensional drawing



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