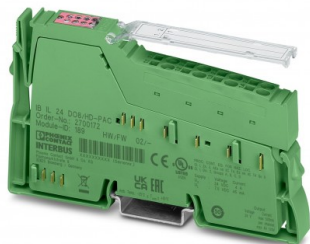


INDUSTRIAL COMPONENT DATA

IB IL 24 DO8/HD-PAC 2700172 PHOENIX CONTACT Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL 24 DO8/HD-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL 24 DO8/HD-PAC
Catalog number	2700172
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-E4E62C49E0
Generated	2026-08-01

Product Overview

Inline terminal

Inline, Digital output module, Digital outputs:8, 24 VDC, connection technology:1 conductor, transmission speed on the local bus:500 kBit/s, protection index: IP20, including Inline connector and marking surface

Inline, Digital output terminal, Digital outputs: 8, 24 V DC, connection technology: 1-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path PHOENIX CONTACT > I/O

Additional Product Information

Technical dataDimensionsDimensional drawing

Width 12.2 mm

Height 119.8 mm

Depth 71.5 mm

Note on dimensions Housing dimensions

NotesNote on application

Note on application Only for industrial use

Utilization restriction

CCCex note Use in potentially explosive areas is not permitted in China.

InterfacesInline local bus

Number of interfaces 2

Connection method Inline data jumper

Transmission speed 500 kbps

System propertiesModule

ID code (dec.) 189

ID code (hex) BD

Length code (hex) 81

Length code (dec) 129

Process data channel 8 bit

Input address area 0 Byte

Output address area 1 Byte

Register length 8 bit

Required parameter data 3 Byte

Required configuration data 4 Byte

Output dataDigital:

Output name Digital outputs

Connection method Spring-cage connection

Connection technology 1-conductor

Number of outputs 8

Protective circuit Overload protection, short-circuit protection of outputs; electronic

Output voltage 24 V (US- 1 V)

Limitation of the voltage induced on circuit interruption -45.8 V ... -15 V

Maximum output current per channel 500 mA

Maximum output current per module 4 A

Nominal output voltage 24 V DC

Output voltage when switched off max. 1 V

Output current when switched off max. 300 µA

Nominal load, inductive 12 VA (1.2 H, 48 ?)

Nominal load, lamp 12 W

Nominal load, ohmic 12 W (48 ?)

Maximum operating frequency with ohmic nominal load max. 300 Hz (this switching frequency is limited by the data rate selected, the number of bus devices, the structure of the bus, the s...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL 24 DO8/HD-PAC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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