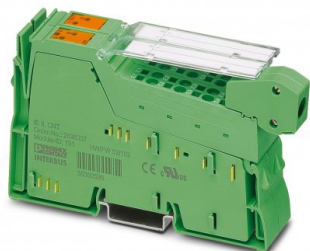


INDUSTRIAL COMPONENT DATA

IB IL CNT-XC-PAC 2702134 PHOENIX CONTACT Inline function terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL CNT-XC-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL CNT-XC-PAC
Catalog number	2702134
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
Document ID	EO-5D6490E295
Generated	2026-09-21

Product Overview

Inline function terminal

Inline counter module in the variant for extreme conditions, complete with accessories (connectors and marking surfaces), 1 meter input, 1 control input, 1 output, 24 VDC, 500 mA, 3-wire connection technology

Inline, Function terminal, Counter input for 24 V signals: 1, Control input for 24 V signals: 1, Switching output: 1, 24 V DC, 0.5 A, Extreme conditions version, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

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 24.4 mm

Height 135 mm

Depth 71.5 mm

NotesNote on application

Note on application Only for industrial use

InterfacesInline local bus

Number of interfaces 2

Connection method Inline data jumper

Transmission speed 500 kbps

Transmission physics Copper

System propertiesModule

ID code (dec.) 191

ID code (hex) BF

Length code (hex) 02

Length code (dec) 02

Process data channel 32 bit

Input address area 4 Byte

Output address area 4 Byte

Register length 4 Byte

Required parameter data 1 Byte

Required configuration data 5 Byte

Input dataCounter:

Input name Counter input for 24 V signals

Connection method Spring-cage connection

Connection technology 2-, 3-conductor

Number of inputs 1 (only one counter input can be used, either for 24 V or for 5 V signals)

Operating mode Event counting, frequency/time measurement

Input voltage 24 V DC (Nominal voltage)

30 V DC (maximum)

Input voltage range "0" signal 0 V DC ... 5 V DC

Input voltage range "1" signal 15 V DC ... 30 V DC

Input frequency max. 100 kHz

Input current typ. 5 mA

Input resistance approx. 5.7 k Ω

Counter:

Input name Counter input for 5 V signals

Connection method Spring-cage connection

Connection technology 2-conductor (shielded), external 5 V supply

Number of inputs 1 (only one counter input can be used, either for 24 V or for 5 V signals)

Operating mode Event counting, frequency/time measurement

Input voltage 5 V DC (Nominal voltage)

8 V DC (maximum)

Input voltage range "0" signal 0....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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