

INDUSTRIAL COMPONENT DATA

ILC 2050 BI-L 2404671 PHOENIX CONTACT The modular Inline controller for automation applications in buildings..

Brand: PHOENIX CONTACT | Manufacturer Part Number: ILC 2050 BI-L



Manufacturer	PHOENIX CONTACT
MPN / Reference	ILC 2050 BI-L
Catalog number	2404671
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-D39CD87D0B
Generated	2026-09-24

Product Overview

The modular Inline controller for automation applications in buildings, infrastructure, and energy for connection with standard automation technology with the Internet of Things (IoT). The controller makes it possible to implement complex systems efficiently.

Modular inline controller for automation applications in building technology, infrastructure and energy technology. It has two logically separated IP address interfaces with 2 integrated Fast Ethernet ports respectively. Configurable assignment of Ethernet ports for use of the Spanning Tree protocol, Daisy Chain, and redundant ring structures for optimal availability. 4 LAN interfaces, 2 USB interfaces and 2 RS-485 interfaces have been integrated. Allows direct connection of LonMark TP/FT-10 networks. Data point connections can be expanded with up to 63 inline I/O modules.

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 > Control Systems (CST)
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Additional Product Information

Key Commercial Data

Orderkey 2404671

Packing unit 1 pc

GTIN 4055626933030

Weight per Piece (excluding packing) 320.000 g

Custom tariff number 85371091

Country of origin DE (Germany)

Dimensions

Control system

Data interfaces

Fieldbus function

Environmental Product Compliance

Ambient conditions

Mechanical design

Power supply

General data

Classifications

Dimensions

Width 80 mm

Height 119.8 mm

Depth 71.5 mm

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Degree of protection IP20

Ambient temperature (operation) -25 °C ... 55 °C

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 0 % ... 75 % (according to DIN EN 61131-2, non-condensing, no ice formation)

Air pressure (operation) 70 hPa ... 106 kPa (up to 3000 m above sea level)

Air pressure (storage/transport) 70 kPa ... 106 kPa (up to 3000 m above sea level)

Resistance to gases that may endanger the functions, in acc. with DIN 40046-36, DIN 40046-37 Sulfur dioxide (SO₂) 10 ±0.3 ppm (test duration: 10 days), hydrogen sulfide (H₂S) 1 ±0.3 ppm (test duration: 4 days), both at 25°C and with 75% humidity

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Engineering tool Niagara 4

WorkPlace

Programming languages supported Niagara Framework®

[Back to top](#)Mechanical design

Weight 230 g

Diagnostics display No

Controller redundancy No

Safety function No

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Interface Ethernet

Number 4

Connection method RJ45 socket, shielded

Transmission speed 10/100 Mbps

Interface RS-485

Number 2

Connection method Spring-cage connection....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / ILC 2050 BI-L with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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