

ILC 2050 BI-L - Controller



2404671

<https://www.phoenixcontact.com/us/products/2404671>

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Modular Inline controller for automation applications in the fields of building technology, infrastructure, and energy technology. Equipped with two logically separated IP address interfaces each with 2 integrated Fast Ethernet ports. Configurable assignment of the Ethernet ports for the use of the Spanning Tree Protocol, daisy chain and redundant ring structures for optimum availability. 4 LAN, 2 USB, and 2 RS-485 interfaces are integrated. It enables the direct connection of LonMark TP/FT-10 networks. The data point connections can be extended with up to 63 Inline I/O modules.

Product description

The ILC 2050 BI-L is the central controller for the automation of buildings, infrastructure, and energy. The industrial design guarantees a high level of reliability and therefore also makes the ILC 2050 BI-L suitable for business-critical applications. It is equipped with four LAN, two USB, and two RS-485 interfaces. It enables the direct connection of LonMark TP/FT-10 networks. The controller can be extended with a wide range of Inline modules for digital and analog I/Os and for all widely used bus systems. The corresponding drivers ensure uniform interfaces, thus greatly simplifying system integration.

Your advantages

- Time-optimized engineering using the Niagara 4 framework
- Support for all the main communication protocols used in building infrastructure automation
- Direct connection of LonMark TP/FT-10 networks (in accordance with the CEA-709 standard)
- Planning, engineering, and visualization in the Java-based Niagara 4 framework
- Easy extension of the Niagara 4 framework with self-programmed functions

Commercial data

Item number	2404671
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR18
Product key	DRHAAA
GTIN	4055626933030
Weight per piece (including packing)	349.4 g
Weight per piece (excluding packing)	243 g
Customs tariff number	85371091
Country of origin	DE

Technical data

Product properties

Type	modular
Product type	Controller
Product family	Inline-Controller

System properties

Processor	Arm® Cortex®-A8 1 GHz
RAM	1024 Mbyte DDR3 SDRAM

Functionality

Programming languages supported	Niagara Framework®
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System requirements

Engineering tool	Emalytics
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Electrical properties

Real-time clock

Description realtime clock	Integrated (rechargeable battery buffered)
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Potentials

Supply voltage	24 V DC -15 % / +20 % (in accordance with EN 61131-2)
Supply voltage range	19.2 V DC ... 30 V DC

Connection data

Inline connector

Connection method	Spring-cage connection
Conductor cross section, rigid	0.08 mm² ... 1.5 mm²
Conductor cross section, flexible	0.08 mm² ... 1.5 mm²
Conductor cross section AWG	28 ... 16

Interfaces

Ethernet

Bus system	RJ45
Number of interfaces	4
Connection method	RJ45 jack
Transmission speed	10/100 Mbps
No. of channels	2
Bus system	RS-485
Number of interfaces	2

USB

Bus system	USB type A
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Number of interfaces	1
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USB

Bus system	Mini-USB
Number of interfaces	1

Dimensions

Width	80 mm
Height	119.8 mm
Depth	71.5 mm

Mounting

Mounting type	DIN rail mounting
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Classifications

ECLASS

ECLASS-11.0	27242207
ECLASS-12.0	27242207
ECLASS-13.0	27242207

ETIM

ETIM 8.0	EC000236
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UNSPSC

UNSPSC 21.0	32151700
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Environmental product compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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Accessories

EM-VIEW-NDA-ENGINEERING - Building management system

1139368

<https://www.phoenixcontact.com/us/products/1139368>



Emalytics View demo license with unlimited functionality and topics.

This license is not approved for use in production systems. Licenses for use in production systems are available separately.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

NC4-DR-SMSALM - Building management system

1140562

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SMS driver license for Emalytics Controller

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PARTNER-ACCESS - Building management system

1139362

<https://www.phoenixcontact.com/us/products/1139362>



Access to the Emalytics Automation license portal for 1 year (May 1 - April 30).

Enables you to view, download, and move Emalytics Automation licenses. It is not possible to purchase new licenses independently. The order must still be placed via your Phoenix Contact sales team.

The actual total billing amount is calculated based on the remaining period through to April 30.

NC4-DEMO - Building management system

1061902

<https://www.phoenixcontact.com/us/products/1061902>



Emalytics Controller demo license for test and engineering purposes with unlimited functionality and 12-month validity, which will be renewed annually.

This license is not approved for use in production systems. Licenses for use in production systems are available separately.

Please note: By using the demo license, the controller used will be bound to the demo license for the long term. Productive operation is no longer possible for a controller licensed for demo purposes. That is why we recommend using a dedicated controller for internal testing purposes.

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NC4-100 - Building management system

1045861

<https://www.phoenixcontact.com/us/products/1045861>



Emalytics Controller license to integrate 100 data points (separate maintenance license required)

NC4-250 - Building management system

2404194

<https://www.phoenixcontact.com/us/products/2404194>



Emalytics Controller license to integrate 250 data points (separate maintenance license required)

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NC4-500 - Building management system

2404195

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Emalytics Controller license to integrate 500 data points (separate maintenance license required)

NC4-1250 - Building management system

2404196

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Emalytics Controller license to integrate 1250 data points (separate maintenance license required)

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NC4-5000 - Building management system

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Emalytics Controller license to integrate 5000 data points (separate maintenance license required)

NC4-10000 - Building management system

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Emalytics Controller license to integrate 10000 data points (separate maintenance license required)

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NC4-100-SMA-1YR - Building management system

1101277

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Maintenance license (1 year) for the Emalytics Controller license NC4-100

NC4-100-SMA-3YR - Building management system

1101283

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Maintenance license (3 years) for the Emalytics Controller license NC4-100

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NC4-100-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-100

NC4-250-SMA-1YR - Building management system

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Maintenance license (1 year) for the Emalytics Controller license NC4-250

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NC4-250-SMA-3YR - Building management system

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Maintenance license (3 years) for the Emalytics Controller license NC4-250

NC4-250-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-250

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NC4-500-SMA-1YR - Building management system

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Maintenance license (1 year) for the Emalytics Controller license NC4-500

NC4-500-SMA-3YR - Building management system

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Maintenance license (3 years) for the Emalytics Controller license NC4-500

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NC4-500-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-500

NC4-1250-SMA-1YR - Building management system

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Maintenance license (1 year) for the Emalytics Controller license NC4-1250

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NC4-1250-SMA-3YR - Building management system

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Maintenance license (3 years) for the Emalytics Controller license NC4-1250

NC4-1250-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-1250

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NC4-5000-SMA-1YR - Building management system

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Maintenance license (1 year) for the Emalytics Controller license NC4-5000

NC4-5000-SMA-3YR - Building management system

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Maintenance license (3 years) for the Emalytics Controller license NC4-5000

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NC4-5000-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-5000

NC4-10000-SMA-1YR - Building management system

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Maintenance license (1 year) for the Emalytics Controller license NC4-10000

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NC4-10000-SMA-3YR - Building management system

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Maintenance license (3 years) for the Emalytics Controller license NC4-10000

NC4-10000-SMA-5YR - Building management system

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Maintenance license (5 years) for the Emalytics Controller license NC4-10000

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SUP-0 - Building management system

2404065

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Ealytics Supervisor license without connectivity to an Ealytics Controller
(separate maintenance license required)

SUP-1 - Building management system

2404136

<https://www.phoenixcontact.com/us/products/2404136>



Ealytics Supervisor license with connectivity to an Ealytics Controller
(separate maintenance license required)

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SUP-10 - Building management system

2404156

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Eanalytics Supervisor license with connectivity to up to 10 Eanalytics Controllers
(separate maintenance license required)

SUP-100 - Building management system

2404157

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Eanalytics Supervisor license with connectivity to up to 100 Eanalytics Controllers
(separate maintenance license required)

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SUP-UNL - Building management system

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Emalytics Supervisor license with connectivity to any number of Emalytics Controllers (separate maintenance license required)

SUP-0-SMA-1YR - Building management system

2404175

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Maintenance license (1 year) for the SUP-0 Emalytics Supervisor license

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SUP-0-SMA-3YR - Building management system

2404176

<https://www.phoenixcontact.com/us/products/2404176>



Maintenance license (3 years) for SUP-0 Emalytics Supervisor license

SUP-0-SMA-5YR - Building management system

2404177

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Maintenance license (5 years) for SUP-0 Emalytics Supervisor license

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SUP-1-SMA-1YR - Building management system

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Maintenance license (1 year) for the SUP-1 Emalytics Supervisor license

SUP-1-SMA-3YR - Building management system

2404180

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Maintenance license (3 years) for the SUP-1 Emalytics Supervisor license

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SUP-1-SMA-5YR - Building management system

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Maintenance license (5 years) for the SUP-1 Emalytics Supervisor license

SUP-10-SMA-1YR - Building management system

2404183

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Maintenance license (1 year) for the SUP-10 Emalytics Supervisor license

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SUP-10-SMA-3YR - Building management system

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Maintenance license (3 years) for the SUP-10 Emalytics Supervisor license

SUP-10-SMA-5YR - Building management system

2404185

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Maintenance license (5 years) for the SUP-10 Emalytics Supervisor license

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SUP-100-SMA-1YR - Building management system

2404187

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Maintenance license (1 year) for the SUP-100 Emalytics Supervisor license

SUP-100-SMA-3YR - Building management system

2404188

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Maintenance license (3 years) for the SUP-100 Emalytics Supervisor license

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SUP-100-SMA-5YR - Building management system

2404189

<https://www.phoenixcontact.com/us/products/2404189>



Maintenance license (5 years) for the SUP-100 Emalytics Supervisor license

SUP-UNL-SMA-1YR - Building management system

2404191

<https://www.phoenixcontact.com/us/products/2404191>



Maintenance license (1 year) for the SUP-UNL Emalytics Supervisor license

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SUP-UNL-SMA-3YR - Building management system

2404192

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Maintenance license (3 years) for the SUP-UNL Emalytics Supervisor license

SUP-UNL-SMA-5YR - Building management system

2404193

<https://www.phoenixcontact.com/us/products/2404193>



Maintenance license (5 years) for the SUP-UNL Emalytics Supervisor license

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SUP-POINTS-500 - Building management system

2404159

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Emalytics Supervisor license for an additional 500 data points

SUP-POINTS-1250 - Building management system

2404160

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Emalytics Supervisor license for an additional 1250 data points

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SUP-POINTS-2500 - Building management system

2404161

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Emalytics Supervisor license for an additional 2500 data points

SUP-POINTS-5000 - Building management system

2404162

<https://www.phoenixcontact.com/us/products/2404162>



Emalytics Supervisor license for an additional 5000 data points

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SUP-POINTS-10000 - Building management system

2404163

<https://www.phoenixcontact.com/us/products/2404163>



Emalytics Supervisor license for an additional 10000 data points

SUP-UP-1 - Building management system

2404164

<https://www.phoenixcontact.com/us/products/2404164>



Upgrade of the Emalytics Supervisor license for connectivity to an additional Emalytics Controller (it is possible to use several update licenses to integrate more than one additional controller).

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SUP-UP-100 - Building management system

2404165

<https://www.phoenixcontact.com/us/products/2404165>



Upgrade of Emalytics Supervisor license from SUP-0 / SUP-1 / SUP-10 to connectivity to up to 100 Emalytics Controllers (SUP-100)

SUP-UP-UNL - Building management system

2404166

<https://www.phoenixcontact.com/us/products/2404166>



Upgrade of Emalytics Supervisor license from SUP-100 to connectivity to any number of Emalytics Controllers (SUP-UNL)

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POINTS-50 - Building management system

1101297

<https://www.phoenixcontact.com/us/products/1101297>



Emalytics Controller license for an additional 50 data points

POINTS-100 - Building management system

1101298

<https://www.phoenixcontact.com/us/products/1101298>



Emalytics Controller license for an additional 100 data points

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POINTS-500 - Building management system

2404199

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Emalytics Controller license for an additional 500 data points

POINTS-1250 - Building management system

2404201

<https://www.phoenixcontact.com/us/products/2404201>



Emalytics Controller license for an additional 1250 data points

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POINTS-2500 - Building management system

2404202

<https://www.phoenixcontact.com/us/products/2404202>



Emalytics Controller license for an additional 2500 data points

DR-S-DB-CSV - Building management system

2404169

<https://www.phoenixcontact.com/us/products/2404169>



Emalytics Supervisor license for CSV database driver

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DR-S-DB-MYSQL - Building management system

2404171

<https://www.phoenixcontact.com/us/products/2404171>



Analytics Supervisor license for MySQL database driver

DR-S-DB-ORCL - Building management system

2404172

<https://www.phoenixcontact.com/us/products/2404172>



Analytics Supervisor license for Oracle 11g database driver

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DR-S-DB-SQL - Building management system

2404173

<https://www.phoenixcontact.com/us/products/2404173>



Emalytics Supervisor license for SQL database driver

OFFICE-DEMO-PC - Building management system

2404321

<https://www.phoenixcontact.com/us/products/2404321>



Emalytics Supervisor demo license for testing and engineering purposes with unlimited functionality and 12-month validity, which will be renewed annually.

This license is not approved for use in production systems. Licenses for use in production systems are available separately.

Please note: By using the demo license, the server used will be bound to the demo license for the long term. Productive operation is no longer possible for a server licensed for demo purposes. That is why we recommend using a dedicated server for internal test purposes.

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IB IL 24 DO8/HD-PAC - Digital module

2700172

<https://www.phoenixcontact.com/us/products/2700172>



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

IB IL 24 DI8/HD-PAC - Digital module

2700173

<https://www.phoenixcontact.com/us/products/2700173>



Inline, Digital input terminal, Digital inputs: 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

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IB IL RS UNI-PAC - Communication module

2700893

<https://www.phoenixcontact.com/us/products/2700893>



Inline, Communication terminal, interface RS-232, RS-485, RS-422: 1 (be operated simultaneously), transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL MBUS-PAC - Communication module

2701927

<https://www.phoenixcontact.com/us/products/2701927>



Inline, M-Bus master terminal for connecting M-Bus devices, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

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IB IL RS 485-ECO - Communication module

2702141

<https://www.phoenixcontact.com/us/products/2702141>



Inline, Communication terminal, interface RS-485: 1, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL AI 4/I/4-20-ECO - Analog module

2702495

<https://www.phoenixcontact.com/us/products/2702495>



Inline, Analog input terminal, Analog inputs: 4, 4 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

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IB IL AI 4/U/0-10-ECO - Analog module

2702496

<https://www.phoenixcontact.com/us/products/2702496>



Inline, Analog input terminal, Analog inputs: 4, 0 V ... 10 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL AO 4/I/4-20-ECO - Analog module

2702497

<https://www.phoenixcontact.com/us/products/2702497>



Inline, Analog output terminal, Analog outputs: 4, 4 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

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IB IL AO 4/U/0-10-ECO - Analog module

2702498

<https://www.phoenixcontact.com/us/products/2702498>



Inline, Analog output terminal, Analog outputs: 4, 0 V ... 10 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL RTD 4/PT100-ECO - Temperature module

2702499

<https://www.phoenixcontact.com/us/products/2702499>



Inline, Temperature measurement terminal, Analog RTD inputs: 4 (Pt 100), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

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IB IL RTD 4/PT1000-ECO - Temperature module

2702501

<https://www.phoenixcontact.com/us/products/2702501>



Inline, Temperature measurement terminal, Analog RTD inputs: 4 (Pt 1000), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL UTH 4/J-ECO - Temperature module

2702502

<https://www.phoenixcontact.com/us/products/2702502>



Inline, Temperature measurement terminal, Analog UTH inputs: 4 (Type J), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

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IB IL UTH 4/K-ECO - Temperature module

2702503

<https://www.phoenixcontact.com/us/products/2702503>



Inline, Temperature measurement terminal, Analog UTH inputs: 4 (Type K), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL UTH 4/L-ECO - Inline function terminal

2702504

<https://www.phoenixcontact.com/us/products/2702504>



Inline ECO, Temperature measurement terminal, Analog UTH inputs: 4 (Type L), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 8/HD-ECO - Digital module

2702792

<https://www.phoenixcontact.com/us/products/2702792>



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

IB IL 24 DO 8/HD-ECO - Digital module

2702793

<https://www.phoenixcontact.com/us/products/2702793>



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

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL RS 232-ECO - Communication module

2702795

<https://www.phoenixcontact.com/us/products/2702795>



Inline, Communication terminal, interface RS-232: 1, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

IB IL TEMP 2 RTD-PAC - Temperature module

2861328

<https://www.phoenixcontact.com/us/products/2861328>



Inline, Temperature measurement terminal, Analog RTD inputs: 2, connection technology: 2-, 3-, 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL AI 8/SF-PAC - Analog module

2861412

<https://www.phoenixcontact.com/us/products/2861412>



Inline, Analog input terminal, Analog inputs: 8, 0 V ... 5 V, -5 V ... 5 V, 0 V ... 10 V, -10 V ... 10 V, 0 V ... 25 V, -25 V ... 25 V, 0 V ... 50 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, 0 mA ... 40 mA, -40 mA ... 40 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 120 PWR IN-PAC - Power module

2861454

<https://www.phoenixcontact.com/us/products/2861454>



Inline power terminal block, complete with accessories (connector and labeling field), without fuse, 120 V AC

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 230 PWR IN-PAC - Power module

2861535

<https://www.phoenixcontact.com/us/products/2861535>



Inline power terminal block, complete with accessories (connector and labeling field), without fuse, 230 V AC

IB IL DOR LV-SET-PAC - Disconnect terminal block

2861645

<https://www.phoenixcontact.com/us/products/2861645>



Inline distance terminal, complete with accessories

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 PWR IN/R-PAC - Power module

2861674

<https://www.phoenixcontact.com/us/products/2861674>



Inline power terminal or boost terminal, complete with accessories (connector and labeling field), 24 V DC, without fuse

IB IL 24/230 DOR4/W-PAC - Relay Module

2861878

<https://www.phoenixcontact.com/us/products/2861878>



Inline, Relay terminal, Relay outputs: 4 (floating), Changeover contact, 24 V DC, 230 V AC, for switching ohmic loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24/230 DOR1/W-PAC - Relay Module

2861881

<https://www.phoenixcontact.com/us/products/2861881>



Inline, Relay terminal, Relay output: 1 (floating), Changeover contact, 24 V AC, 230 V AC, for switching ohmic loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 120 DI 1-PAC - Digital module

2861917

<https://www.phoenixcontact.com/us/products/2861917>



Inline, Digital input terminal, Digital inputs: 1, 120 V AC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL DO 1 AC-PAC - Digital module

2861920

<https://www.phoenixcontact.com/us/products/2861920>



Inline, Digital output terminal, Digital outputs: 1, 230 V AC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DO 32/HD-PAC - Digital module

2862822

<https://www.phoenixcontact.com/us/products/2862822>



Inline, Digital output terminal, Digital outputs: 32, 24 V DC, 500 mA, connection technology: 1-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 32/HD-PAC - Digital module

2862835

<https://www.phoenixcontact.com/us/products/2862835>



Inline, Digital input terminal, Digital inputs: 32, 24 V DC, connection technology: 1-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 24/48 DOR 2/W-PAC - Relay Module

2863119

<https://www.phoenixcontact.com/us/products/2863119>



Inline, Relay terminal, Relay outputs: 2 (floating), Changeover contact, 24 V AC, 48 V DC, for switching ohmic loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 4-ME - Digital module

2863928

<https://www.phoenixcontact.com/us/products/2863928>



Inline, Digital input terminal, Digital inputs: 4, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DO 4-ME - Digital module

2863931

<https://www.phoenixcontact.com/us/products/2863931>



Inline, Digital output terminal, Digital outputs: 4, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL AI 2/SF-ME - Analog module

2863944

<https://www.phoenixcontact.com/us/products/2863944>



Inline, Analog input terminal, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL AO 2/U/BP-ME - Analog module

2863957

<https://www.phoenixcontact.com/us/products/2863957>



Inline, Analog output terminal, Analog outputs: 2, 0 V ... 10 V, -10 V ... 10 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL AO 4/8/U/BP-PAC - Analog module

2878036

<https://www.phoenixcontact.com/us/products/2878036>



Inline, Analog output terminal, Analog outputs: 8, 0 V ... 10 V, -10 V ... 10 V, 0 V .. 5 V, -5 V ... 5 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL DI 8/S0-PAC - Digital module

2897020

<https://www.phoenixcontact.com/us/products/2897020>



Inline, Digital input terminal, Digital inputs: 8 (S0 counter inputs), 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

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 16-ME - Digital module

2897156

<https://www.phoenixcontact.com/us/products/2897156>



Inline, Digital input terminal, Digital inputs: 16, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 24 DO 16-ME - Digital module

2897253

<https://www.phoenixcontact.com/us/products/2897253>



Inline, Digital output terminal, Digital outputs: 16, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24/230 DOR4/HC-PAC - Relay Module

2897716

<https://www.phoenixcontact.com/us/products/2897716>



Inline, Relay terminal, Relay outputs: 4 (floating), N/O contact, 24 V DC, 230 V AC, high inrush current, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL DALI/PWR-PAC - Communication module

2897813

<https://www.phoenixcontact.com/us/products/2897813>



Inline, DALI master, integrated DALI power supply unit, safe electrical isolation, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL DALI-PAC - Communication module

2897910

<https://www.phoenixcontact.com/us/products/2897910>



Inline, DALI master, Extension for IB IL DALI/PWR-PAC, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL AI/TEMP 4 RTD-PAC - Analog module

2897952

<https://www.phoenixcontact.com/us/products/2897952>



Inline, Analog input terminal, 0 V ... 10 V, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL MP-BUS-PAC - Communication module

2702921

<https://www.phoenixcontact.com/us/products/2702921>



Inline, MP-Bus master terminal for connecting MP-Bus devices, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and marking field

IB IL 24 PWR IN/R/L-0.8A-PAC - Power module

2693020

<https://www.phoenixcontact.com/us/products/2693020>



Inline boost terminal for the communications power U_L of 0.8 A, complete with accessories (connectors and labeling field)

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 4/EF-PAC - Digital module

2701009

<https://www.phoenixcontact.com/us/products/2701009>



Inline, Digital output terminal, Digital outputs: 4, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DO 4/EF-ECO - Digital module

2702825

<https://www.phoenixcontact.com/us/products/2702825>



Inline, Digital output terminal, Digital outputs: 4, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 FLM-PAC - Communication module

2736903

<https://www.phoenixcontact.com/us/products/2736903>



Inline, Branch terminal, for extending the Inline local bus to Inline or Fieldline Modular, transmission speed in the local bus: 500 kbps / 2 Mbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DI 2-PAC - Digital module

2861221

<https://www.phoenixcontact.com/us/products/2861221>



Inline, Digital input terminal, Digital inputs: 2, 24 V DC, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 4-PAC - Digital module

2861234

<https://www.phoenixcontact.com/us/products/2861234>



Inline, Digital input terminal, Digital inputs: 4, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DI 16-PAC - Digital module

2861250

<https://www.phoenixcontact.com/us/products/2861250>



Inline, Digital input terminal, Digital inputs: 16, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 2-2A-PAC - Digital module

2861263

<https://www.phoenixcontact.com/us/products/2861263>



Inline, Digital output terminal, Digital outputs: 2, 24 V DC, 2 A, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DO 4-PAC - Digital module

2861276

<https://www.phoenixcontact.com/us/products/2861276>



Inline, Digital output terminal, Digital outputs: 4, 24 V DC, 500 mA, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 8-PAC - Digital module

2861289

<https://www.phoenixcontact.com/us/products/2861289>



Inline, Digital output terminal, Digital outputs: 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

IB IL 24 DO 16-PAC - Digital module

2861292

<https://www.phoenixcontact.com/us/products/2861292>



Inline, Digital output terminal, Digital outputs: 16, 24 V DC, 500 mA, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL AI 2/SF-PAC - Analog module

2861302

<https://www.phoenixcontact.com/us/products/2861302>



Inline, Analog input terminal, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 PWR IN-PAC - Power module

2861331

<https://www.phoenixcontact.com/us/products/2861331>



Inline power terminal, complete with accessories (connector and labeling field), 24 V DC, without fuse

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 SEG-PAC - Segmentation module

2861344

<https://www.phoenixcontact.com/us/products/2861344>



Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, without fuse

IB IL 24 TC-PAC - Analog module

2861360

<https://www.phoenixcontact.com/us/products/2861360>



Inline thermistor terminal, complete with accessories (connector and marking field), 2-conductor connection technology

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 SEG/F-PAC - Segmentation module

2861373

<https://www.phoenixcontact.com/us/products/2861373>



Inline segment terminal, complete with accessories (connector and labeling field), 24 V DC, with fuse

IB IL 24 SEG-ELF-PAC - Segmentation module

2861409

<https://www.phoenixcontact.com/us/products/2861409>



Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, electronic fuse

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 PWR IN/F-PAC - Power module

2861438

<https://www.phoenixcontact.com/us/products/2861438>



Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (Main voltage)

IB IL AO 2/U/BP-PAC - Analog module

2861467

<https://www.phoenixcontact.com/us/products/2861467>



Inline, Analog output terminal, Analog outputs: 2, 0 V ... 10 V, -10 V ... 10 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 2-PAC - Digital module

2861470

<https://www.phoenixcontact.com/us/products/2861470>



Inline, Digital output terminal, Digital outputs: 2, 24 V DC, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL 24 DI 2-NPN-PAC - Digital module

2861483

<https://www.phoenixcontact.com/us/products/2861483>



Inline, Digital input terminal, Digital inputs: 2 (NPN), 24 V DC, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 2-NPN-PAC - Digital module

2861496

<https://www.phoenixcontact.com/us/products/2861496>



Inline, Digital output terminal, Digital outputs: 2 (NPN), 24 V DC, connection technology: 4-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

IB IL AI 2/SF-230-PAC - Analog module

2861577

<https://www.phoenixcontact.com/us/products/2861577>



Inline, Analog input terminal, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, 3 dB base frequency at 230 Hz, degree of protection: IP20, including Inline connector and labeling field

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 8-2A-PAC - Digital module

2861603

<https://www.phoenixcontact.com/us/products/2861603>



Inline, Digital output terminal, Digital outputs: 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

IB IL AI 8/IS-PAC - Analog module

2861661

<https://www.phoenixcontact.com/us/products/2861661>



Inline, Analog input terminal, Analog inputs: 8, 0 mA ... 20 mA, 4 mA ... 20 mA, -20 mA ... 20 mA, 0 mA ... 40 mA, -40 mA ... 40 mA, connection technology: 2-, 3-conductor, transmission speed in the local bus: 500 kbps, integrated sensor supply, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 PWR IN/F-D-PAC - Inline terminal

2861894

<https://www.phoenixcontact.com/us/products/2861894>



Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (Main voltage) and diagnostics

IB IL 24 SEG/F-D-PAC - Segmentation module

2861904

<https://www.phoenixcontact.com/us/products/2861904>



Inline segment terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse and diagnostics

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 PWR IN/2-F-PAC - Power module

2862136

<https://www.phoenixcontact.com/us/products/2862136>



Inline power terminal, complete with accessories (connector and labeling field), 24 V DC, with fuse (main and segment voltage)

IB IL 24 PWR IN/2-F-D-PAC - Power module

2862152

<https://www.phoenixcontact.com/us/products/2862152>



Inline power terminal block, complete with accessories (connector and labeling field), 24 V DC, with fuse (Main and segment voltage) and diagnostics

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24/230 DOR1/W-PC-PAC - Inline terminal

2862178

<https://www.phoenixcontact.com/us/products/2862178>



Inline, Relay terminal, Relay output: 1 (floating contacts), 24 V DC, 230 V AC, for switching inductive and capacitive loads, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector and labeling field

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

2862204

<https://www.phoenixcontact.com/us/products/2862204>



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

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 16-PAC/SN - Digital module

2862958

<https://www.phoenixcontact.com/us/products/2862958>



Inline, Digital input terminal, Digital inputs: 16, 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields, connectors numbered individually

IB IL 24 DO 16-PAC/SN - Digital module

2862961

<https://www.phoenixcontact.com/us/products/2862961>



Inline, Digital output terminal, Digital outputs: 16, 24 V DC, 500 mA, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields, connectors numbered individually

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL PD 24V-PAC - Potential distributors

2862987

<https://www.phoenixcontact.com/us/products/2862987>



Inline terminal for power distribution (24 V), complete with accessories, (connector and labeling field) 24 V supply voltage is fed out from the segment circuit (US)

IB IL PD GND-PAC - Potential distributors

2862990

<https://www.phoenixcontact.com/us/products/2862990>



Inline terminal for power distribution (GND), complete with accessories, (connector and labeling field) connections for GND

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL AO 2/SF-PAC - Analog module

2863083

<https://www.phoenixcontact.com/us/products/2863083>



Inline, Analog output terminal, Analog outputs: 2, 0 V ... 10 V, 0 mA ... 20 mA, 4 mA ... 20 mA, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 24 PWR IN/PS-PAC - Power module

2863135

<https://www.phoenixcontact.com/us/products/2863135>



Inline power terminal, complete with accessories (connection plug and labeling field), 24 V DC, for system voltages U_M , U_S , U_L , U_{ANA}

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 16-NPN-PAC - Digital module

2863520

<https://www.phoenixcontact.com/us/products/2863520>



Inline, Digital input terminal, Digital inputs: 16 (NPN), 24 V DC, connection technology: 3-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 24 DI 32/HD-NPN-PAC - Digital module

2878243

<https://www.phoenixcontact.com/us/products/2878243>



Inline, Digital input terminal, Digital inputs: 32 (NPN), 24 V DC, connection technology: 1-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DO 32/HD-NPN-PAC - Digital module

2878340

<https://www.phoenixcontact.com/us/products/2878340>



Inline, Digital output terminal, Digital outputs: 32 (NPN), 24 V DC, connection technology: 1-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL 230 PWR IN/F-D-PAC - Inline terminal

2878971

<https://www.phoenixcontact.com/us/products/2878971>



Inline power terminal, complete with accessories (connector and labeling field), 230 V AC, with fuse and diagnostics

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 LSKIP-PAC - Communication module

2897457

<https://www.phoenixcontact.com/us/products/2897457>



Inline, Coupler terminal, for extending the Inline local bus, transmission speed in the local bus: 500 kbps / 2 Mbps, degree of protection: IP20, including Inline connectors and marking fields

IB IL SAFE 2-ECO - Safety module

2702446

<https://www.phoenixcontact.com/us/products/2702446>



Inline, Safety module, Functional safety, Digital inputs: 4 (for 2 sensor circuits (1- or 2-channel, non-equivalent/equivalent)), Enabling current path: 1 (internal, 2-channel enabling current path), N/O contact, for safety-related shutdown of the segment voltage by means of potential routing, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IBS IL 24 BK-T/U-PAC - Bus coupler

2861580

<https://www.phoenixcontact.com/us/products/2861580>



Inline, Bus coupler, INTERBUS, Inline shield connector, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

IBS IL 24 RB-T-PAC - Communication module

2861441

<https://www.phoenixcontact.com/us/products/2861441>



INTERBUS branch terminal, complete with accessories (connector plug and labeling field), with remote bus branch, 24 V DC

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



IB IL 24 DI 8-PAC - Digital module

2861247

<https://www.phoenixcontact.com/us/products/2861247>



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

EM-VIEW-NDA-TOPICS-100 - Building management system

1061901

<https://www.phoenixcontact.com/us/products/1061901>



Runtime license for Emalytics View for the visualization of 100 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

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2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-TOPICS-100-UPDATE - Building management system

1061889

<https://www.phoenixcontact.com/us/products/1061889>



Update license for Emalytics View with additional 100 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-SMA-100-1YR - Building management system

1061891

<https://www.phoenixcontact.com/us/products/1061891>



Maintenance license (1 year) for Emalytics View for the visualization of 100 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

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<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-SMA-100-5YR - Building management system

1061894

<https://www.phoenixcontact.com/us/products/1061894>



Maintenance license (5 years) for Emalytics View for the visualization of 100 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-TOPICS-1000 - Building management system

1061893

<https://www.phoenixcontact.com/us/products/1061893>



Runtime license for Emalytics View for the visualization of 1000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-TOPICS-1000-UPDATE - Building management system

1061890

<https://www.phoenixcontact.com/us/products/1061890>



Update license for Emalytics View with additional 1000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-SMA-1000-1YR - Building management system

1062623

<https://www.phoenixcontact.com/us/products/1062623>



Maintenance license (1 year) for Emalytics View for the visualization of 1000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

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2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-SMA-1000-5YR - Building management system

1062644

<https://www.phoenixcontact.com/us/products/1062644>



Maintenance license (5 years) for Emalytics View for the visualization of 1000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-TOPICS-10000 - Building management system

1062720

<https://www.phoenixcontact.com/us/products/1062720>



Runtime license for Emalytics View for the visualization of 10,000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-TOPICS-10000-UPDATE - Building management system

1066991

<https://www.phoenixcontact.com/us/products/1066991>



Update license for Emalytics View with additional 10,000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-SMA-10000-1YR - Building management system

1066993

<https://www.phoenixcontact.com/us/products/1066993>



Maintenance license (1 year) for Emalytics View for the visualization of 10,000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

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2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-SMA-10000-5YR - Building management system

1066994

<https://www.phoenixcontact.com/us/products/1066994>



Maintenance license (5 years) for Emalytics View for the visualization of 10000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-TOPICS-50000 - Building management system

1067021

<https://www.phoenixcontact.com/us/products/1067021>



Runtime license for Emalytics View for the visualization of 50,000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-TOPICS-50000-UPDATE - Building management system

1066978

<https://www.phoenixcontact.com/us/products/1066978>



Update license for Emalytics View with additional 50,000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

EM-VIEW-NDA-SMA-50000-1YR - Building management system

1067022

<https://www.phoenixcontact.com/us/products/1067022>



Maintenance license (1 year) for Emalytics View for the visualization of 50,000 topics.
Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

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<https://www.phoenixcontact.com/us/products/2404671>



EM-VIEW-NDA-SMA-50000-5YR - Building management system

1067023

<https://www.phoenixcontact.com/us/products/1067023>



Maintenance license (5 years) for Emalytics View for the visualization of 50,000 topics.

Important note: When purchasing this license, the host ID, user name, and e-mail address must be listed.

DR-S-JSON - Building management system

1231645

<https://www.phoenixcontact.com/us/products/1231645>



JSON toolkit for Emalytics Supervisor, enables JSON-based interface development, valid maintenance license required

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



DR-S-MLS-16 - Building management system

1228905

<https://www.phoenixcontact.com/us/products/1228905>



Milestone camera driver for Emalytics Supervisor, enables the integration of up to 16 cameras

IB IL DALI MM-V2-PAC - Communication module

1199811

<https://www.phoenixcontact.com/us/products/1199811>



Inline, DALI master, Multi-master-capable, integrated DALI power supply unit, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connectors and marking fields

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



DR-S-MLS-32 - Building management system

1228904

<https://www.phoenixcontact.com/us/products/1228904>



Milestone camera driver for Emalytics Supervisor, enables the integration of up to 32 cameras

DR-S-MLS-64 - Building management system

1228903

<https://www.phoenixcontact.com/us/products/1228903>



Milestone camera driver for Emalytics Supervisor, enables the integration of up to 64 cameras

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



DR-S-MLS-128 - Building management system

1228900

<https://www.phoenixcontact.com/us/products/1228900>



Milestone camera driver for Emalytics Supervisor, enables the integration of up to 128 cameras

DR-S-MFID - Building management system

1337650

<https://www.phoenixcontact.com/us/products/1337650>



Emalytics supervisor license for Micros Fidelio IP driver

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EMALYTICS COLLECTOR REGULAR - Building management system

1348410

<https://www.phoenixcontact.com/us/products/1348410>



Cloud-based data acquisition for monitoring technical building and energy systems, regular license with 3 user licenses and 2500 data points per building unit. Billed on a monthly basis. Cancellation is possible in any given month.

EMALYTICS COLLECTOR MEDIUM - Building management system

1348407

<https://www.phoenixcontact.com/us/products/1348407>



Cloud-based data acquisition for monitoring technical building and energy systems, medium license with 10 user licenses, 10000 data points per building unit, and write function (100 data points). Billed on a monthly basis. Cancellation is possible in any given month.

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EMALYTICS COLLECTOR PREMIUM - Building management system

1348409

<https://www.phoenixcontact.com/us/products/1348409>



Cloud-based data acquisition for monitoring technical building and energy systems, premium license with unlimited number of users, 50000 data points per building unit, and write function (500 data points). Billed on a monthly basis. Cancellation is possible in any given month.

EMALYTICS ANALYZER - Building management system

1348336

<https://www.phoenixcontact.com/us/products/1348336>



Cloud-based analyzer for technical building components for the purpose of optimization and increased efficiency, requires Emalytics Collector medium or premium license. Billed on a monthly basis. Cancellation is possible in any given month.

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



EMALYTICS CONTROL - Building management system

1348412

<https://www.phoenixcontact.com/us/products/1348412>



Cloud-based control of systems and components for operational optimization of buildings through AI and self-learning algorithms. Billed on a monthly basis. Cancellation is possible in any given month.

IB IL RTD 4/NTC-ECO - Temperature module

1185434

<https://www.phoenixcontact.com/us/products/1185434>



Inline, Temperature measurement terminal, Analog RTD inputs: 4 (NTC, linear resistors), connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

ILC 2050 BI-L - Controller

2404671

<https://www.phoenixcontact.com/us/products/2404671>



DR-JSON - Building management system

1439254

<https://www.phoenixcontact.com/us/products/1439254>



JSON toolkit for Emalytics Controller, enables JSON-based interface development, valid maintenance license required

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