ILC 2050 BI-L - Controller

2404671

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

PHŒNIX CONTACT

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

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)	330.5 g
Weight per piece (excluding packing)	243 g
Customs tariff number	85371091
Country of origin	DE

ILC 2050 BI-L - Controller

2404671

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

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®

System requirements

Engineering tool	Emalytics

Electrical properties

Real-time clock

Description realtime clock	Integrated (rechargeable battery buffered)

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

ILC 2050 BI-L - Controller

2404671

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

Number of interfaces	1

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

ILC 2050 BI-L - Controller

2404671

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

Classifications

ECLASS

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

ETIM

ETIM 8.0	EC000236

UNSPSC

UNSPSC 21.0	32151700

ILC 2050 BI-L - Controller

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

Environmental product compliance

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

ILC 2050 BI-L - Controller

2404671

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

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

https://www.phoenixcontact.com/us/products/1140562

SMS driver license for Emalytics Controller

ILC 2050 BI-L - Controller

2404671

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

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.

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)

ILC 2050 BI-L - Controller

2404671

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

NC4-500 - Building management system

2404195

https://www.phoenixcontact.com/us/products/2404195

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

NC4-1250 - Building management system

2404196

https://www.phoenixcontact.com/us/products/2404196

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

ILC 2050 BI-L - Controller

2404671

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

NC4-5000 - Building management system

2404197

https://www.phoenixcontact.com/us/products/2404197

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

NC4-10000 - Building management system

2404198

https://www.phoenixcontact.com/us/products/2404198

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

ILC 2050 BI-L - Controller

2404671

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

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

1101277

https://www.phoenixcontact.com/us/products/1101277

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

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

1101283

https://www.phoenixcontact.com/us/products/1101283

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

ILC 2050 BI-L - Controller

2404671

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

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

1101291

https://www.phoenixcontact.com/us/products/1101291

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

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

2404204

https://www.phoenixcontact.com/us/products/2404204

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

ILC 2050 BI-L - Controller

2404671

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

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

2404205

https://www.phoenixcontact.com/us/products/2404205

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

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

2404206

https://www.phoenixcontact.com/us/products/2404206

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

ILC 2050 BI-L - Controller

2404671

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

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

2404208

https://www.phoenixcontact.com/us/products/2404208

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

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

2404209

https://www.phoenixcontact.com/us/products/2404209

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

ILC 2050 BI-L - Controller

2404671

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

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

2404210

https://www.phoenixcontact.com/us/products/2404210

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

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

2404212

https://www.phoenixcontact.com/us/products/2404212

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

ILC 2050 BI-L - Controller

2404671

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

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

2404213

https://www.phoenixcontact.com/us/products/2404213

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

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

2404214

https://www.phoenixcontact.com/us/products/2404214

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

ILC 2050 BI-L - Controller

2404671

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

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

2404216

https://www.phoenixcontact.com/us/products/2404216

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

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

2404217

https://www.phoenixcontact.com/us/products/2404217

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

ILC 2050 BI-L - Controller

2404671

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

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

2404218

https://www.phoenixcontact.com/us/products/2404218

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

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

2404221

https://www.phoenixcontact.com/us/products/2404221

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

ILC 2050 BI-L - Controller

2404671

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

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

2404222

https://www.phoenixcontact.com/us/products/2404222

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

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

2404223

https://www.phoenixcontact.com/us/products/2404223

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

ILC 2050 BI-L - Controller

2404671

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

SUP-0 - Building management system

2404065

https://www.phoenixcontact.com/us/products/2404065

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

SUP-1 - Building management system

2404136

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

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

ILC 2050 BI-L - Controller

2404671

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

SUP-10 - Building management system

2404156

https://www.phoenixcontact.com/us/products/2404156

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

SUP-100 - Building management system

2404157

https://www.phoenixcontact.com/us/products/2404157

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

ILC 2050 BI-L - Controller

2404671

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

SUP-UNL - Building management system

2404158

https://www.phoenixcontact.com/us/products/2404158

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

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

2404175

https://www.phoenixcontact.com/us/products/2404175

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

ILC 2050 BI-L - Controller

2404671

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

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

https://www.phoenixcontact.com/us/products/2404177

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

ILC 2050 BI-L - Controller

2404671

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

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

2404179

https://www.phoenixcontact.com/us/products/2404179

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

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

2404180

https://www.phoenixcontact.com/us/products/2404180

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

ILC 2050 BI-L - Controller

2404671

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

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

2404181

https://www.phoenixcontact.com/us/products/2404181

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

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

2404183

https://www.phoenixcontact.com/us/products/2404183

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

ILC 2050 BI-L - Controller

2404671

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

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

2404184

https://www.phoenixcontact.com/us/products/2404184

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

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

2404185

https://www.phoenixcontact.com/us/products/2404185

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

ILC 2050 BI-L - Controller

2404671

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

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

2404187

https://www.phoenixcontact.com/us/products/2404187

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

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

2404188

https://www.phoenixcontact.com/us/products/2404188

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

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

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

2404192

https://www.phoenixcontact.com/us/products/2404192

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

ILC 2050 BI-L - Controller

2404671

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

SUP-POINTS-500 - Building management system

2404159

https://www.phoenixcontact.com/us/products/2404159

Emalytics Supervisor license for an additional 500 data points

SUP-POINTS-1250 - Building management system

2404160

https://www.phoenixcontact.com/us/products/2404160

Emalytics Supervisor license for an additional 1250 data points

2404671

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

SUP-POINTS-2500 - Building management system

2404161

https://www.phoenixcontact.com/us/products/2404161

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

ILC 2050 BI-L - Controller

2404671

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

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).

ILC 2050 BI-L - Controller

2404671

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

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)

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

POINTS-500 - Building management system

2404199

https://www.phoenixcontact.com/us/products/2404199

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

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

DR-S-DB-MYSQL - Building management system

2404171

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

Emalytics Supervisor license for MYSQL database driver

DR-S-DB-ORCL - Building management system

2404172

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

Emalytics Supervisor license for Oracle 11g database driver

ILC 2050 BI-L - Controller

2404671

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

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.

ILC 2050 BI-L - Controller

2404671

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

IB IL 24 DO8/HD-PAC - Digital module

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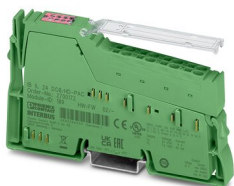
https://www.phoenixcontact.com/us/products/2700172

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
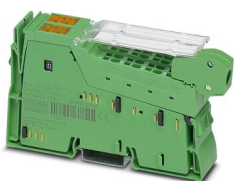
IB IL 24 DI8/HD-PAC - Digital module

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
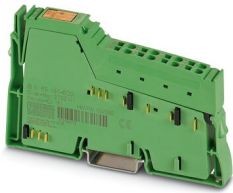
ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

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

2702496

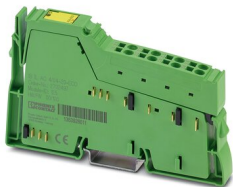https://www.phoenixcontact.com/us/products/2702496
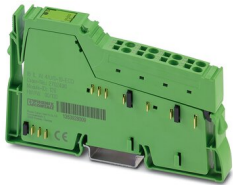
Inline, Analog input terminal, Analog inputs: 4, 0 V ... 10 V, connection technology: 2-conductor, transmission speed in the local bus: 500 kbps, degree of protection: IP20, including Inline connector

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

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

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

ILC 2050 BI-L - Controller

2404671

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

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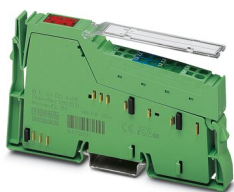
https://www.phoenixcontact.com/us/products/2862835

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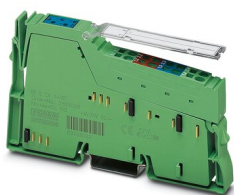
https://www.phoenixcontact.com/us/products/2863928

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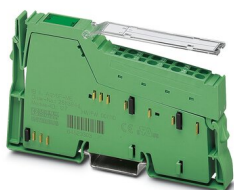
https://www.phoenixcontact.com/us/products/2863944

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)
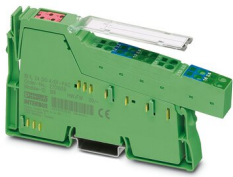
ILC 2050 BI-L - Controller

2404671

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

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

2701009

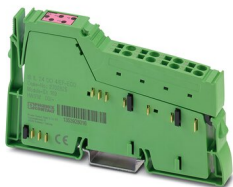https://www.phoenixcontact.com/us/products/2701009

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
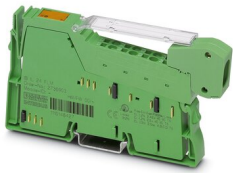
ILC 2050 BI-L - Controller

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

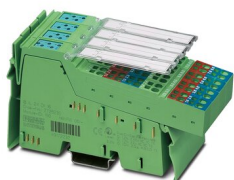https://www.phoenixcontact.com/us/products/2861234

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

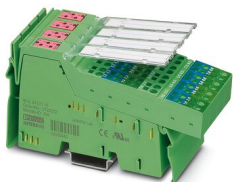https://www.phoenixcontact.com/us/products/2861289

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

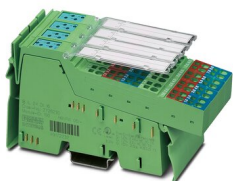# ILC 2050 BI-L - Controller

2404671

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

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

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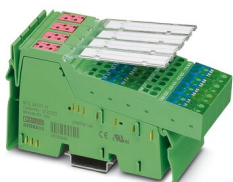
https://www.phoenixcontact.com/us/products/2862958

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}
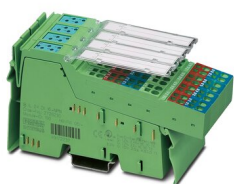
ILC 2050 BI-L - Controller

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
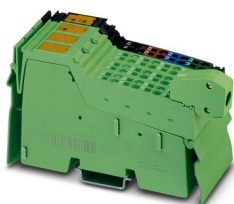
ILC 2050 BI-L - Controller

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.

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.

ILC 2050 BI-L - Controller

2404671

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.

ILC 2050 BI-L - Controller

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.

ILC 2050 BI-L - Controller

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.

ILC 2050 BI-L - Controller

2404671

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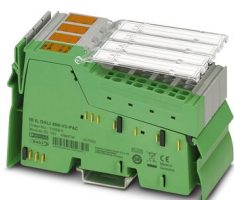
https://www.phoenixcontact.com/us/products/1228905

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

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com