

AXC F XT ETH 1TX - PLC extension module



2403115

<https://www.phoenixcontact.com/gb/products/2403115>

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Left-alignable Ethernet interface, for connection to a compatible modular controller from the PLCnext Control range.

Product description

An AXC F ... PLCnext controller can be extended with an additional Ethernet interface using the AXC F XT ETH 1TX left-alignable extension module.

Your advantages

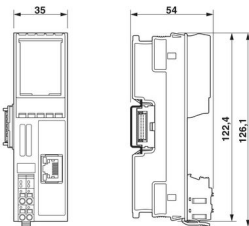
- Left-alignable Gigabit-class Ethernet interface
- Additional independent MAC address
- PROFINET support
- Electrical isolation between Ethernet interface and logic
- Individual expansion option for PLCnext Controls of the Axiocontrol series

Commercial data

Item number	2403115
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRADAF
Product key	DRADAF
Catalog page	Page 13 (C-6-2019)
GTIN	4055626257433
Weight per piece (including packing)	176 g
Weight per piece (excluding packing)	157.8 g
Customs tariff number	85176200
Country of origin	DE

Technical data

Dimensions

Dimensional drawing		
Width		35 mm
Height		126.1 mm
Depth		54 mm
Note on dimensions		The depth applies when a TH 35-7.5 DIN rail is used (in accordance with EN 60715).

Notes

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

Interfaces

Ethernet		
Bus system		RJ45
Number of interfaces		1
Connection method		RJ45 jack
Note on the connection method		Auto negotiation and autocrossing
Transmission speed		10/100/1000 Mbps (full duplex)
Transmission length		max. 100 m

Product properties

Type		modular
Product type		I/O component
Product family		PLCnext Control Extension

Electrical properties

Potentials: Supply of the logic voltage U _L		
Supply voltage		24 V DC
Supply voltage range		19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current draw		max. 80 mA
		typ. 54 mA (at U _L = 24 V)
Protective circuit		Reverse polarity protection; Polarity protection diode
		Transient protection; Suppressor diode

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Connection data

Connection technology

Connection name	Axioline F connector
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Conductor connection

Connection method	Push-in connection
Conductor cross section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross section AWG	24 ... 16
Stripping length	8 mm

Axioline F connector

Connection method	Push-in connection
Conductor cross section, rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross section, flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross section AWG	24 ... 16
Stripping length	8 mm

Environmental and real-life conditions

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C (up to 2000 m above sea level)
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Permissible humidity (operation)	5 % ... 95 % (according to DIN EN 61131-2)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Approvals

ATEX

Identification	Ex II 3 G Ex ec IIC T4 Gc
Certificate	TÜV 19 ATEX 8356 X

IECEX

Identification	Ex ec IIC T4 Gc
Certificate	IECEX TUR 19.0031X

CCC / China-Ex

Identification	Ex ec IIC T4 Gc
Certificate	

UL Ex, USA / Canada

Identification	Class I, Zone 2, AEx nA IIC T4
	Class I, Div. 2, Groups A, B, C, D

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	Ex nA IIC Gc T4
Certificate	E366272

UL, USA/Canada

Identification	cULus
Certificate	E238705

Corrosive gas test

Identification	ISA S71.04.2013 G3 Harsh Group A, DIN EN 60068-2-60:2016-06 Method 4
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Mounting

Mounting type	DIN rail mounting
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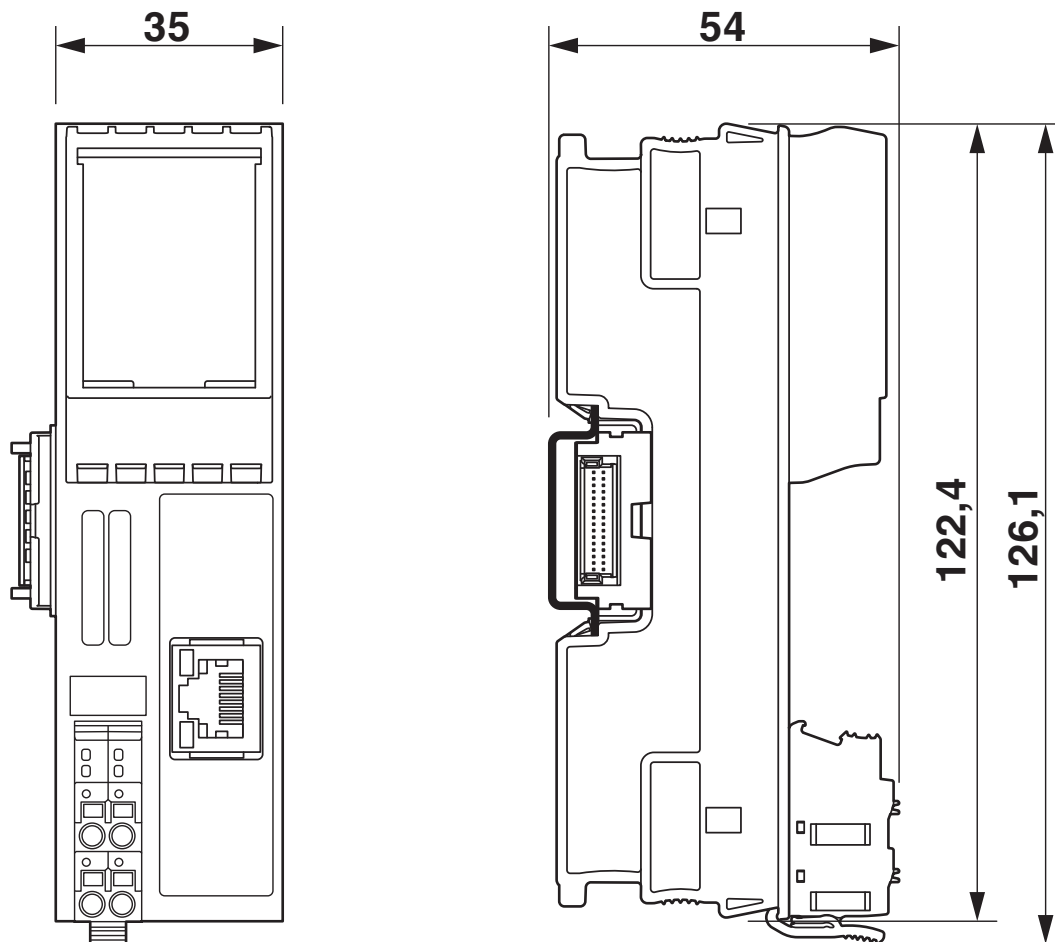


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Drawings

Dimensional drawing



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Approvals

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EAC

Approval ID: RU DE 08.B.01831/19



DNV GL

Approval ID: TAA00000DF

ABS

Approval ID: 20-1968571-PDA



LR

Approval ID: LR2001902TA-08



RINA

Approval ID: ELE008423XG

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Classifications

ECLASS

ECLASS-11.0	27242608
ECLASS-12.0	27242608
ECLASS-13.0	27242608

ETIM

ETIM 9.0	EC001604
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Mandatory accessories

AXC F 2152 - Controller

2404267

<https://www.phoenixcontact.com/gb/products/2404267>



PLCnext Control for the direct control of Axioline F I/Os. With two Ethernet interfaces. Complete with connector and bus base module.

AXC F 3152 - Controller

1069208

<https://www.phoenixcontact.com/gb/products/1069208>



PLCnext Control for the direct control of Axioline F I/Os. With three independent Ethernet interfaces. Complete with connector and bus base module.

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AXC BS L 2 - Bus connector

1064312

<https://www.phoenixcontact.com/gb/products/1064312>

Bus base module for the left alignment of AXC F XT... type extension modules to AXC F 2152 type controllers (item no. 2404267).



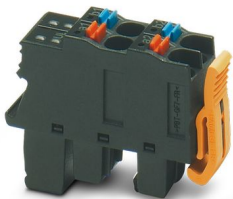
Accessories

AXL CN S/UL - Plug

2701421

<https://www.phoenixcontact.com/gb/products/2701421>

Axioline F short power connector (for e.g., AXL F BK ...)



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