

AXC F XT ETH 1TX - PLC extension module



2403115

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

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Additional alignable Ethernet interface connected to a modularly expandable PLCnext Control
(not for AXC F 1152)

Product description

With the left-alignable AXC F XT ETH 1TX extension module, you can extend a PLCnext Control AXC F ... with an additional Ethernet interface.

Your advantages

- Left-alignable Gigabit-class Ethernet interface
- Additional independent MAC address
- PROFINET support
- Electrical isolation between Ethernet interface and logic
- Individual extension option for a PLCnext Control from the Axiocontrol series

Commercial data

Item number	2403115
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR09
Product key	DRADAF
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

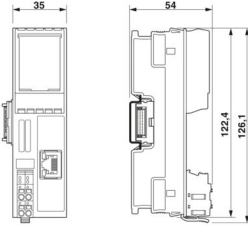
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Technical data

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

Note on application	
Note on application	Only for industrial use
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

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

Electrical properties

Maximum power dissipation for nominal condition	1.296 W
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

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	typ. 54 mA (at $U_L = 24\text{ V}$)
Protective circuit	Reverse polarity protection; Polarity protection diode
	Transient protection; Suppressor diode

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
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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	

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UL Ex, USA / Canada

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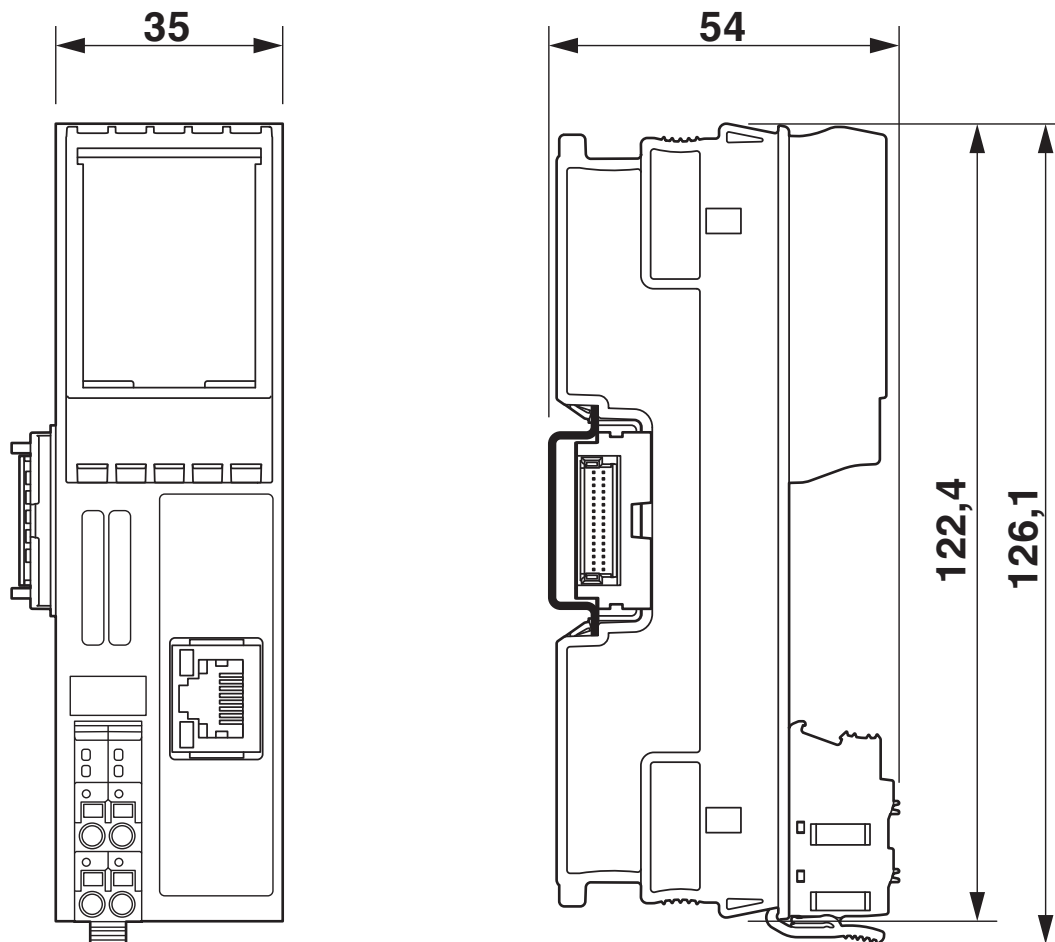


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Drawings

Dimensional drawing



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Approvals

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DNV GL

Approval ID: TAA00000DF

ABS

Approval ID: 20-1968571-PDA



LR

Approval ID: LR2480202TA-02



RINA

Approval ID: ELE008423XG001



cULus Listed

Approval ID: E238705



CCC

Approval ID: 2021122309114456_CN



cULus Listed

Approval ID: E366272

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Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 9.0	EC001604
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	4bacd7de-e7cc-4fe7-8b59-4be86ee276d2

EF3.0 Climate Change

CO2e kg	6.192 kg CO2e
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