

# AXC F XT ETH 1TX - PLC extension module



2403115

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

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.



PLCnext Control Extension, PLC extension module, Left alignment, Ethernet interface; interface: Ethernet: 1; Transmission speed: 10/100/1000 Mbps; degree of protection: IP20; Scope of supply: including bus base module and Axioline F connector; Supported controller: AXC F 2152, AXC F 3152, AXC F 2000 EA

## 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 Axiococontrol 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

# AXC F XT ETH 1TX - PLC extension module

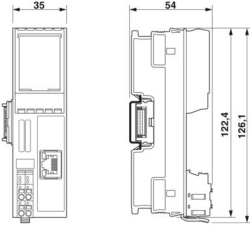


2403115

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

## 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.

### Material specifications

Color (Housing)	gray (RAL 7042)
-----------------	-----------------

### 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

### System properties

Supported controller	AXC F 2152
	AXC F 3152
	AXC F 2000 EA

### Product properties

Product type	I/O component
Product family	PLCnext Control Extension

# AXC F XT ETH 1TX - PLC extension module



2403115

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

Type	modular
Scope of supply	including bus base module and Axioline F connector

## Electrical properties

Maximum power dissipation for nominal condition	1.43 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 typ. 54 mA (at $U_L = 24$ V)
Protective circuit	Reverse polarity protection; Polarity protection diode Transient protection; Suppressor diode

## Connection data

### Connection technology

Connection name	Axioline F connector
-----------------	----------------------

### Axioline F connector

Connection method	Push-in connection
Conductor cross-section, rigid	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
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)

### Mechanical test

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	5g
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	30g
Continuous shock in accordance with EN 60068-2-27/IEC 60068-2-27	10g

## Standards and regulations

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

## Approvals

### ATEX

Identification	⊕ II 3 G Ex ec IIC T4 Gc
----------------	--------------------------

# AXC F XT ETH 1TX - PLC extension module



2403115

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

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	@®. 1↓↑↑↑↑↑↑↑↑↑↑↑↑↑↑↑⊕↓

## UL Ex, USA / Canada

Identification	Class I, Zone 2, AEx ec IIC T4 Gc
	Ex ec IIC T4 Gc X
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
----------------	---

## Mounting

Mounting type	DIN rail mounting
Possible mounting positions	Left alignment

# AXC F XT ETH 1TX - PLC extension module

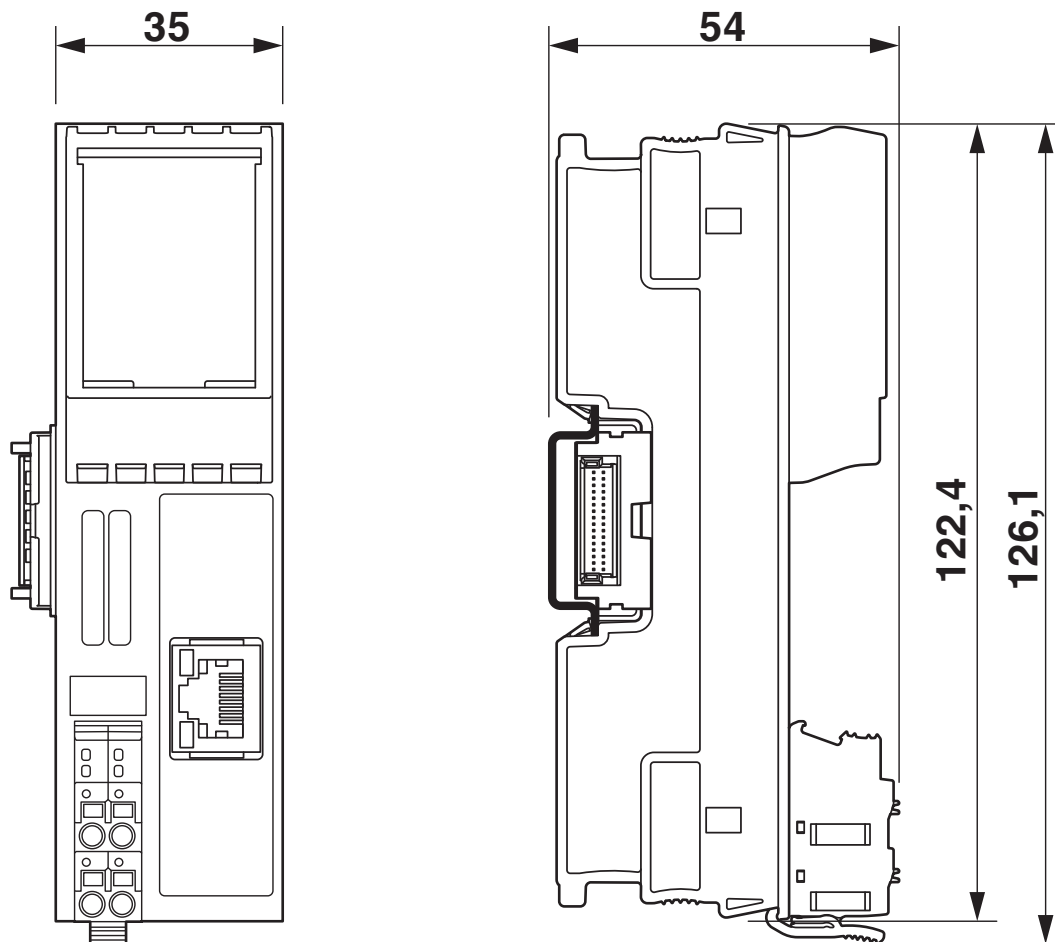


2403115

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

## Drawings

Dimensional drawing



# AXC F XT ETH 1TX - PLC extension module



2403115

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

## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2403115>



**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



**IECEx**

Approval ID: IECEx TUR 19.0031X



**ATEX**

Approval ID: TUEV 19 ATEX 8356 X

# AXC F XT ETH 1TX - PLC extension module



2403115

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

## Classifications

### ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

### ETIM

ETIM 10.0	EC001604
-----------	----------

### UNSPSC

UNSPSC 21.0	32151600
-------------	----------

# AXC F XT ETH 1TX - PLC extension module



2403115

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

## 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

### EF3.1 Climate Change

CO2e kg	6.192 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

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