

AXC F XT ETH 1TX - PLC extension module



2403115

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

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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; The product is being prepared for compliance with the Cyber Resilience Act (CRA).

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 Axioccontrol 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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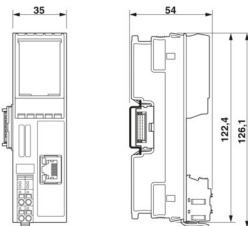


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Technical data

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	Only for industrial use
Note on application	As things stand now, we are preparing the product so that, as of December 11, 2027, it will comply with the requirements of the EU Cyber Resilience Act (CRA) based on the information currently available regarding the CRA.

Utilization restriction

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

Mounting type	DIN rail mounting
Possible mounting positions	Left alignment

Material specifications

Color (Housing)	gray (RAL 7042)
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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

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AXC F 2000 EA

Product properties

Product type	I/O component
Product family	PLCnext Control Extension
Type	modular
Scope of supply	including bus base module and Axioline F connector
Special properties	The product is being prepared for compliance with the Cyber Resilience Act (CRA)

Electrical properties

Maximum power dissipation for nominal condition	1.43 W
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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
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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)

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)
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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 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
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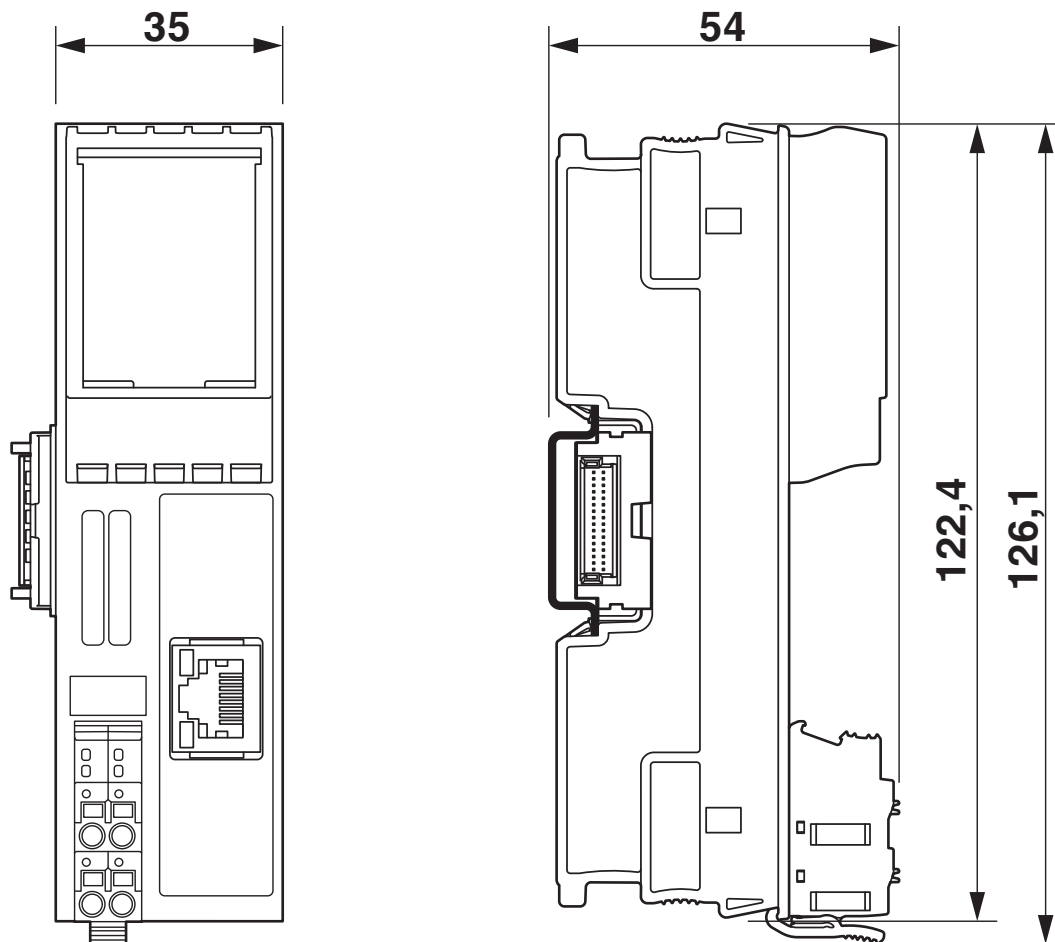


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Drawings

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



cULus Listed

Approval ID: E366272



IECEx

Approval ID: IECEx TUR 19.0031X



ATEX

Approval ID: TUEV 19 ATEX 8356 X

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Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 10.0	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

EF3.1 Climate Change

CO2e kg	6.192 kg CO2e
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