AXC F XT EXP - PLC extension module

1139999

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PLCnext Control Extension, PLC extension module, Left alignment, PCIe switch; interface: PCIe V2 switch: 3; Transmission speed: 4 Gbps; 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 EXP extension module, you can extend a PLCnext Control AXC F ... with three additional AXC F XT ... left-alignable modules.

Your advantages

- Individual extension option for a PLCnext Control from the Axiocontrol series
- Left-alignable extension module
- Enables the connection of 3 additional left-alignable modules

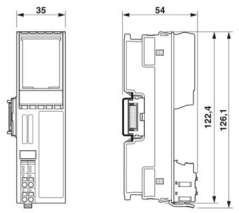
Commercial data

Item number	1139999
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRADAF

Product key	DRADAF
GTIN	4063151088804
Weight per piece (including packing)	175 g
Weight per piece (excluding packing)	150 g
Customs tariff number	85389099
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

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.

Mounting

Mounting type	DIN rail mounting
Possible mounting positions	Left alignment

Material specifications

Color (Housing)	gray (RAL 7042)

Interfaces

Transmission speed	4 Gbps

PCIe V2 switch

Number of interfaces	3
Connection method	Connection for bus base module
Transmission speed	max. 4 Gbps

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

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	2.11 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. 80 mA
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 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 1.5 mm²
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 mean sea level (observe derating)
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
Certificate	TÜV 20 ATEX 8618 X

UKEX

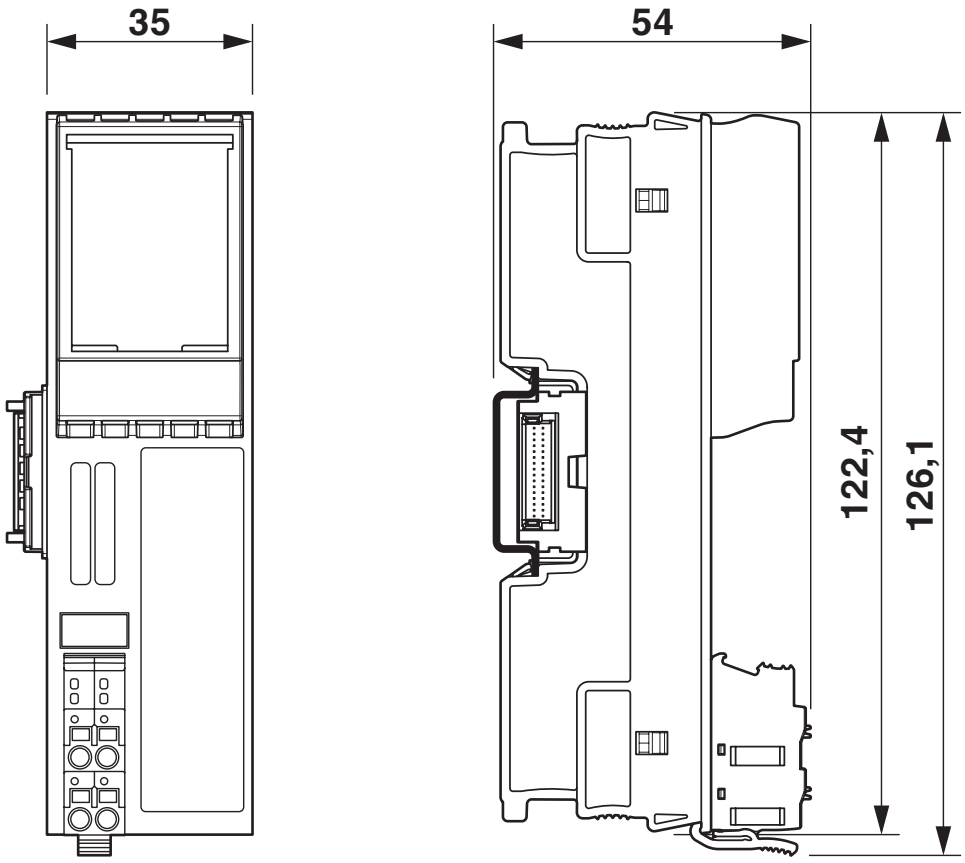
Identification	II 3 G Ex ec IIC T4 Gc
Certificate	PxCIMA23UKEX1139999X

IECEx

Identification	Ex ec IIC T4 Gc
Certificate	IECEx TUR 20.0098X

Drawings

Dimensional drawing



Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/gb/products/1139999

IECEx
Approval ID: IECEx TUR 20.0098X

ATEX
Approval ID: TUEV 20 ATEX 8618 X

Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 10.0	EC001604

UNSPSC

UNSPSC 21.0	32151600

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	9980810f-5260-463f-a169-8a3e74cdd624

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PHOENIX CONTACT Ltd
Halesfield 13, Telford
Shropshire, TF7 4PG
01952 681700
info@phoenixcontact.co.uk