

Extension module - AXC F XT ETH 1TX - 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

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 257433
GTIN	4055626257433

Technical data

Dimensions

Width	35 mm
Height	126.1 mm
Depth	54 mm
Note on dimensions	The depth is valid when a TH 35-7,5 DIN rail is used (according to EN 60715).

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C (up to 2000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (according to DIN EN 61131-2)

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Technical data

Ambient conditions

Permissible humidity (storage/transport)	5 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	58 kPa ... 106 kPa (up to 4500 m above mean sea level)
Degree of protection	IP20

Connection data

Designation	Axioline F connector
Connection method	Push-in connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	1.5 mm ²
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	1.5 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Stripping length	8 mm

General

Mounting type	DIN rail mounting
Color	traffic grey A RAL 7042
Net weight	157.8 g
Note on weight specifications	with connector and bus base module
Mounting type	DIN rail mounting

Data interfaces

Interface	Ethernet
Number	1
Connection method	RJ45 jack
Transmission speed	10/100/1000 Mbps (full duplex)
Interface	Axioline F local bus
Number	1
Connection method	Bus base module
Transmission speed	100 Mbps

Inline potentials

Axioline potentials

Designation	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)
Protective circuit	Polarity reversal protection of the supply voltage Polarity protection diode
	Transient protection Suppressor diode

Standards and Regulations

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Technical data

Standards and Regulations

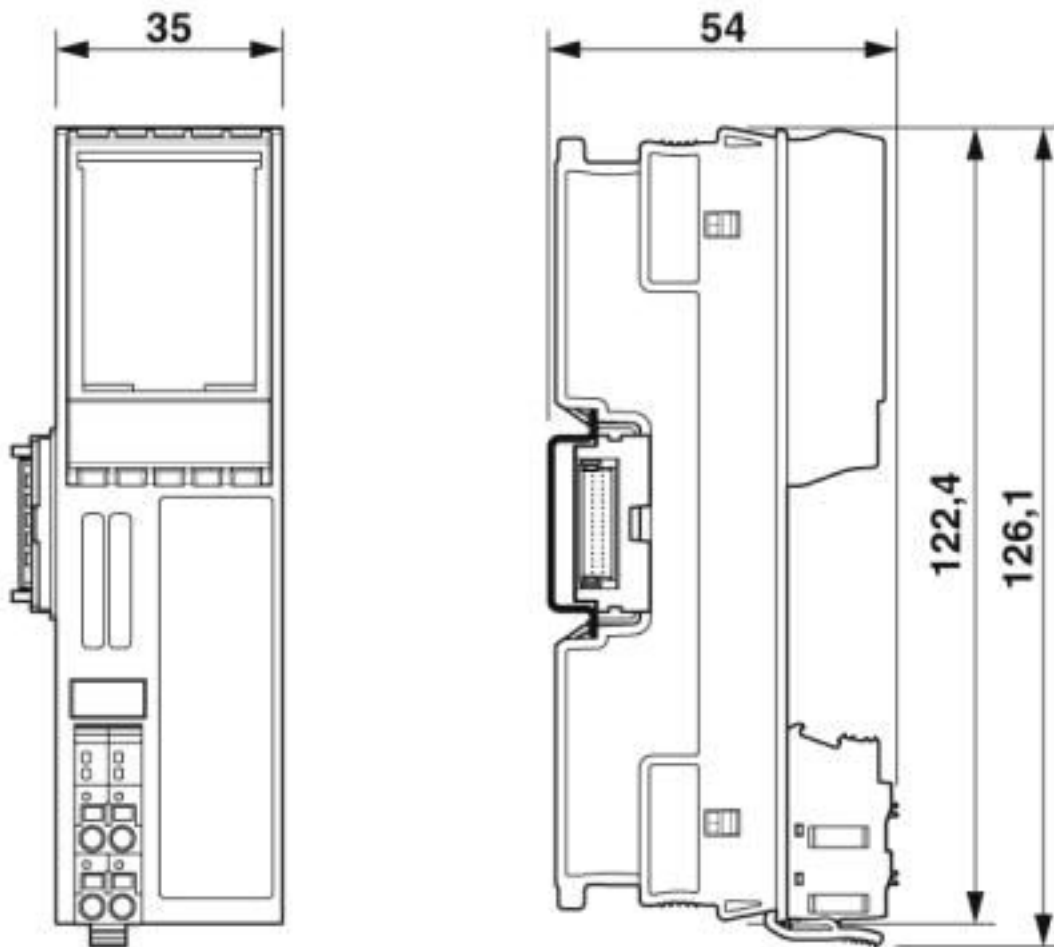
Mechanical tests	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g
	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Dimensional drawing



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Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

Approvals





Approvals

Approvals

DNV GL / BV / ABS / RINA / LR

Ex Approvals

Approval details

DNV GL		https://approvalfinder.dnvgl.com/	TAA00000DF
BV		http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials	36433/B1 BV
ABS		http://www.eagle.org/eagleExternalPortalWEB/	20-1968571-PDA
RINA		http://www.rina.org/en	ELE030120XG
LR		http://www.lr.org/en	LR2001902TA

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Accessories

Accessories

Controller

Controller - AXC F 2152 - 2404267



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

DIN rail connector

Bus connector - AXC BS L 2 - 1064312



Bus base module for left-aligning the AXC F 2xxx controllers

Plug

Plug - AXL CN S/UL - 2701421



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

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