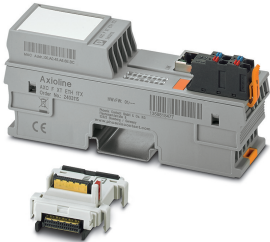


Extension module - AXC F XT ETH 1TX - 2403115

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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
Weight per Piece (excluding packing)	160.000 g
Custom tariff number	85176200
Country of origin	Germany

Technical data

Note

Utilization restriction	Use in potentially explosive areas is not permitted in China.
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Dimensions

Extension module - AXC F XT ETH 1TX - 2403115

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)
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

Extension module - AXC F XT ETH 1TX - 2403115

Technical data

Data interfaces

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)
Current consumption	typ. 49 mA
	max. 50 mA
Protective circuit	Polarity reversal protection of the supply voltage Polarity protection diode
	Transient protection Suppressor diode

Standards and Regulations

Immunity to ESD	Noise immunity test in accordance with EN 61000-6-2 Electrostatic discharge (ESD) EN 61000-4-2/IEC 61000-4-2 Criterion B, 6 kV contact discharge, 8 kV air discharge
Immunity to EF	Noise immunity test in accordance with EN 61000-6-2 Electromagnetic fields EN 61000-4-3/IEC 61000-4-3 Criterion A, Field intensity: 10 V/m
Immunity to burst	Noise immunity test in accordance with EN 61000-6-2 Fast transients (burst) EN 61000-4-4/IEC 61000-4-4 Criterion B, 2 kV
Immunity to surge	Noise immunity test in accordance with EN 61000-6-2 Transient overvoltage (surge) EN 61000-4-5/IEC 61000-4-5 Criterion B, DC supply lines: ± 0.5 kV/ ± 0.5 kV (symmetrical/asymmetrical)
Immunity to conducted interference	Noise immunity test in accordance with EN 61000-6-2 Conducted interference EN 61000-4-6/IEC 61000-4-6 Criterion A, Test voltage 10 V
Interference emission	Noise emission test according to EN 61000-6-3 Class B
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)

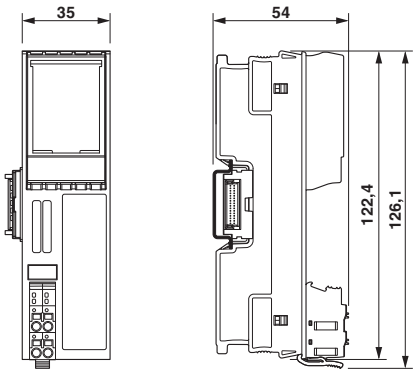
Environmental Product Compliance

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

Extension module - AXC F XT ETH 1TX - 2403115

Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 11.0	27242608
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 6.0	EC001604
ETIM 7.0	EC001604

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

Extension module - AXC F XT ETH 1TX - 2403115

Accessories

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 ...)