

## Extension module - AXC F XT IB - 2403018

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Left-alignable INTERBUS master, for the connection of INTERBUS remote bus components to a compatible modular controller from the PLCnext Control range.



### Product Description

The INTERBUS master is designed to be aligned to the left of an Axioline F controller. The INTERBUS master can be used to integrate INTERBUS remote bus devices into the Axioline F station.

### Your advantages

- Individual expansion option for PLCnext Controls of the Axioccontrol series
- Up to 512 INTERBUS remote bus devices can be connected
- INTERBUS connection via 9-pos. D-SUB socket
- Automatic detection of the transmission speed in INTERBUS (500 kbps or 2 Mbps)
- Electrical isolation between INTERBUS interface and logic
- Diagnostic and status indicators



### Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4055626345819
Weight per Piece (excluding packing)	180.000 g
Custom tariff number	85389099
Country of origin	Germany

### Technical data

#### Dimensions

Width	35 mm
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### Technical data

#### Dimensions

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)
	-25 °C ... 55 °C (2000 m above sea level ... 3000 m above sea level)
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level (at an operating temperature of up to 55°C, maximum))
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 <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.2 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	24
Conductor cross section AWG max.	16
Stripping length	8 mm

#### General

Mounting type	DIN rail
Net weight	157.8 g
Diagnostics messages	Bus error in INTERBUS Yes
	Peripheral fault in INTERBUS Yes

#### Data interfaces

Interface	INTERBUS remote bus
Number	1
Connection method	D-SUB-9 female connector

#### Axioline potentials

Designation	Supply of the logic voltage U <sub>L</sub>
Supply voltage	24 V DC

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#### Axialine potentials

Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption	typ. 110 mA (without IBS OPTOSUB ... FO adapter) max. 185 mA (with IBS OPTOSUB ... FO adapter)
Type of protection	Polarity reversal protection of the supply voltage Transient protection

#### Standards and Regulations

Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g

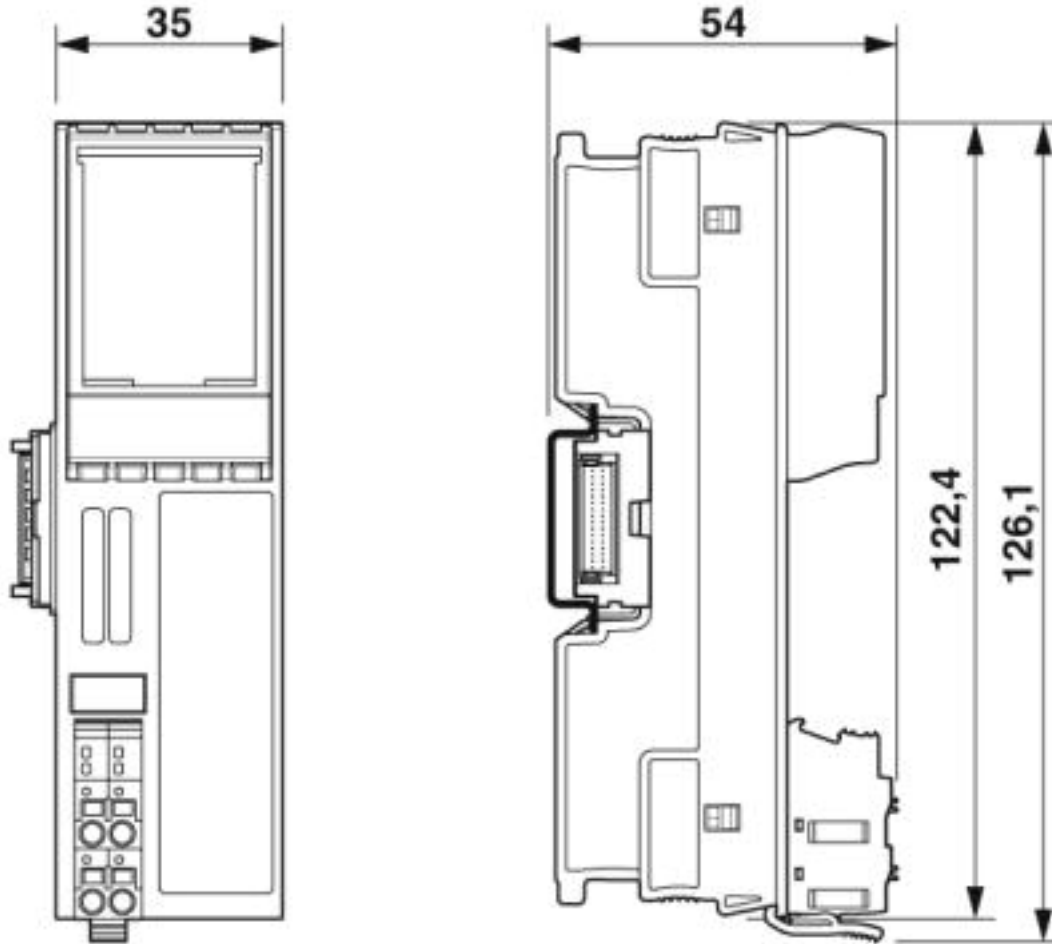
#### Environmental Product Compliance

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

### Drawings

# Extension module - AXC F XT IB - 2403018

Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

### ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

## Accessories

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#### Data plug

D-SUB bus connector - SUBCON 9/M-SH - 2761509



D-SUB connector, 9-pos., male connector, one cable entry < 35°, universal type for all systems, pin assignment: 1, 2, 3, 4, 5, 6, 7, 8, 9 to screw connection terminal block

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#### Device marking

Insert label - EMT (35X28)R - 0801602



Insert label, Roll, white, unlabeled, can be labeled with: THERMOMARK ROLLMASTER 300/600, THERMOMARK X1.2, THERMOMARK ROLL X1, THERMOMARK ROLL 2.0, THERMOMARK ROLL, mounting type: snapped into marker carrier, lettering field size: 35 x 28 mm, Number of individual labels: 500

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#### DIN rail connector

Bus connector - AXC BS L 2 - 1064312



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

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#### Plug

Plug - AXL CN S/UL - 2701421



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