

## Extension module - AXC F XT IB - 2403018

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

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

### 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)
	-25 °C ... 55 °C (2000 m above sea level ... 3000 m above sea level)

# Extension module - AXC F XT IB - 2403018

## Technical data

### Ambient conditions

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
Color	traffic grey A RAL 7042
Net weight	157.8 g
Diagnostics messages	Bus error in INTERBUS Yes
	Peripheral fault in INTERBUS Yes
Mounting type	DIN rail mounting

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

### Standards and Regulations

# Extension module - AXC F XT IB - 2403018

## Technical data

### Standards and Regulations

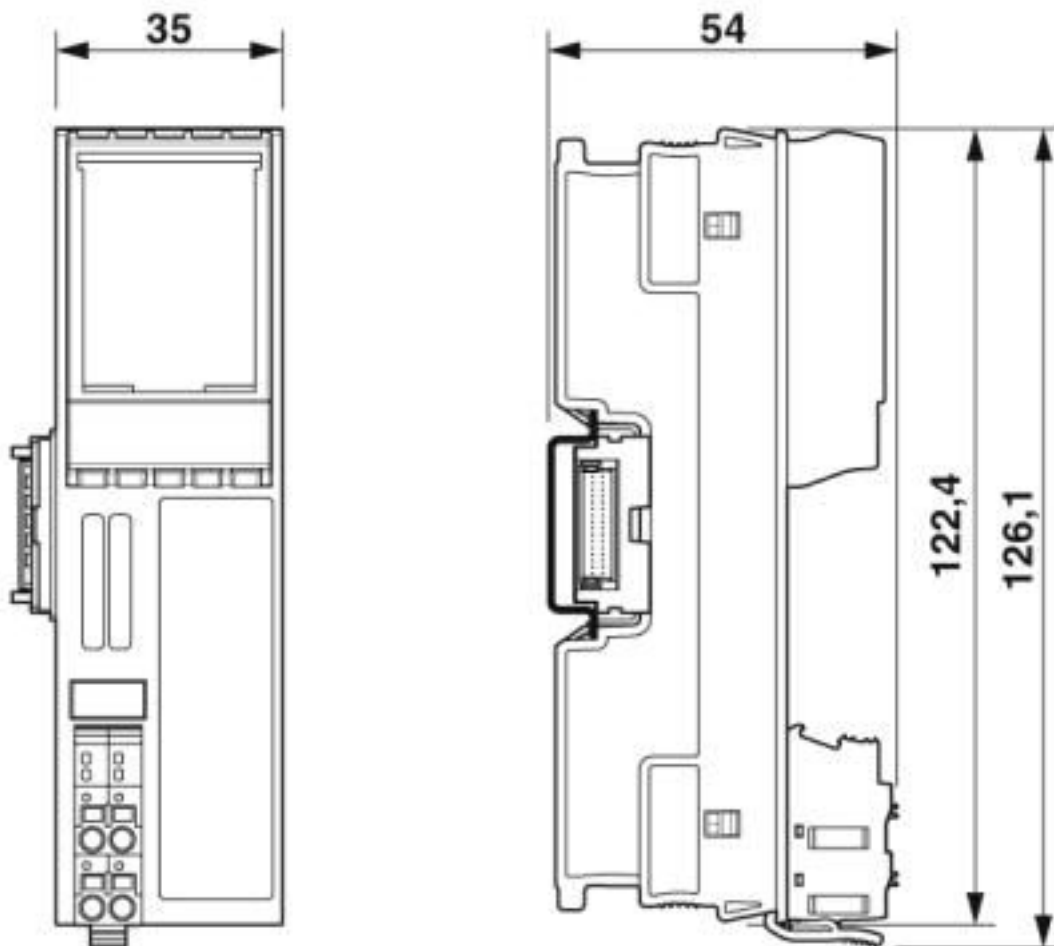
Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g

### Environmental Product Compliance

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

## Drawings

Dimensional drawing



## Extension module - AXC F XT IB - 2403018

### Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

### Accessories

Accessories

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

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

DIN rail connector

Bus connector - AXC BS L 2 - 1064312



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

Plug

## Extension module - AXC F XT IB - 2403018

### Accessories

Plug - AXL CN S/UL - 2701421



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

---

Phoenix Contact 2020 © - all rights reserved  
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG  
Flachsmarktstr. 8  
32825 Blomberg  
Germany  
Tel. +49 5235 300  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.com>

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Controllers](#) category:*

*Click to view products by [Phoenix Contact](#) manufacturer:*

Other Similar products are found below :

[61FGPN8DAC120](#) [CV500SLK21](#) [70177-1011](#) [F03-03 HAS C](#) [F03-31](#) [81550401](#) [FT1A-C12RA-W](#) [88981106](#) [H2CAC24A](#) [H2CRSAC110B](#)  
[R88A-CRGB003CR-E](#) [R88ARR080100S](#) [R88A-TK01K](#) [DCN1-1](#) [DRT2ID08C](#) [DTB4896VRE](#) [DTB9696CVE](#) [DTB9696LVE](#) [E53-AZ01](#)  
[E53E01](#) [E53E8C](#) [E5C4Q40J999FAC120](#) [E5CWLQ1TCAC100240](#) [E5GNQ03PFLKACDC24](#) [B300LKL21](#) [NSCXDC1V3](#) [NSH5-232CW-3M](#)  
[NT20SST122BV1](#) [NV-CN001](#) [OAS-160-N](#) [C40PEDRA](#) [K31S6](#) [K33-L1B](#) [K3MA-F](#) [100-240VAC](#) [K3TX-AD31A](#) [89750101](#) [L595020](#)  
[SRM1-C02](#) [SRS2-1](#) [FT1A-C14SA-S](#) [G32X-V2K](#) [26546803](#) [26546805](#) [PWRA440A](#) [CPM1AETL03CH](#) [CV500SLK11](#) [3G2A5BI081](#)  
[3G2A5IA122](#) [3G2A5LK010E](#) [3G2A5OA223](#)