

AXC F XT IB - PLC extension module



2403018

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Alignable INTERBUS master (process data width 512 bytes, max.) connected to a modularly expandable PLCnext Control (not for AXC F 1152)

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

- 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
- Individual extension option for a PLCnext Control from the Axioccontrol series

Commercial data

Item number	2403018
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DR09
Product key	DRADAF
GTIN	4055626345819
Weight per piece (including packing)	167.8 g
Weight per piece (excluding packing)	157.8 g
Customs tariff number	85389099
Country of origin	DE

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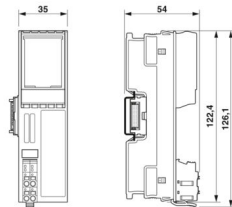


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Technical data

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	
Note on application	Only for industrial use

Material specifications

Color	traffic grey A RAL 7042
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Interfaces

INTERBUS remote bus	
Number of interfaces	1
Connection method	D-SUB-9 female connector
Transmission physics	Copper
Transmission length	max. 400 m

System properties

System limits	
Number of supported devices	max. 512 (in total, of which 255 are remote bus devices/bus segments)
Number of local bus devices that can be connected	max. 63 (observe current consumption)
Number of devices with parameter channel	max. 126
Number of supported branch terminals with remote bus branch	max. 16

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

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Special properties	INTERBUS master
	Max. process data width of 512 bytes
Diagnostics messages	Bus error in INTERBUS yes
	Peripheral fault in INTERBUS yes

Electrical properties

Maximum power dissipation for nominal condition	2.64 W
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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. 185 mA (with IBS OPTOSUB ... FO adapter)
	typ. 110 mA (without IBS OPTOSUB ... FO adapter)
Protective circuit	Reverse polarity protection; Polarity protection diode
	Transient protection; Suppressor diode

Connection data

Connection technology

Connection name	Axioline F connector
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Conductor connection

Connection method	Push-in connection
Conductor cross-section rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section flexible	0.2 mm ² ... 1.5 mm ²
Conductor cross-section AWG	24 ... 16
Stripping length	8 mm

Axioline F connector

Connection method	Push-in connection
Conductor cross-section, rigid	0.2 mm ² ... 1.5 mm ²
Conductor cross-section, flexible	0.2 mm ² ... 1.5 mm ²
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 sea level)
	-25 °C ... 55 °C (2000 m ... 3000 m above mean sea level)
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level (at an operating temperature of up to 55°C, maximum))
Permissible humidity (operation)	5 % ... 95 % (non-condensing)

Standards and regulations

Protection class	III (IEC 61140, EN 61140, VDE 0140-1)
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Approvals

Corrosive gas test	
Identification	ISA S71.04.2013 G3 Harsh Group A, DIN EN 60068-2-60:2016-06 Method 4

Mounting

Mounting type	DIN rail mounting
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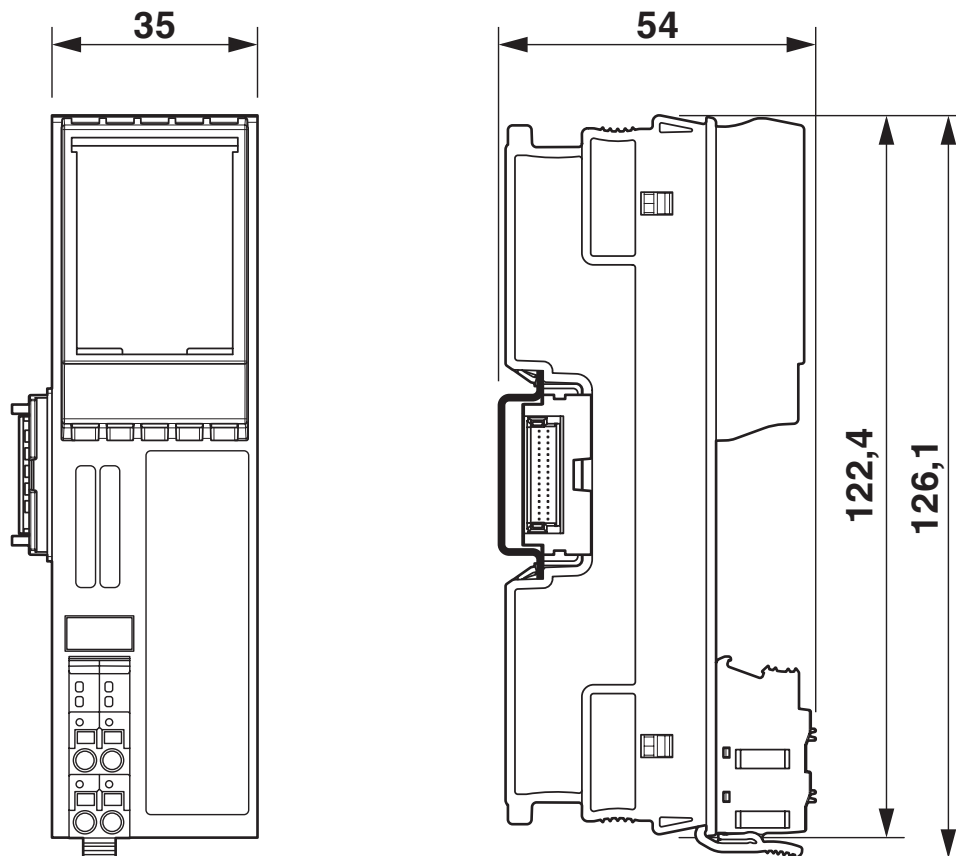
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 9.0	EC001604
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UNSPSC

UNSPSC 21.0	32151600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 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	0b921359-fadc-4fcc-9523-dbbf79211166

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com