

# AXC F XT PB - PLC extension module



1091657

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Alignable PROFIBUS master (process data width 488 bytes, max.) connected to a modularly expandable PLCnext Control (not for AXC F 1152)

## Product description

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

## Your advantages

- Individual extension option for a PLCnext Control from the Axioccontrol series
- Up to 125 PROFIBUS devices can be connected
- PROFIBUS connection via 9-pos. D-SUB socket
- Transmission speed of up to 12 Mbps
- Electrical isolation between PROFIBUS interface and logic
- Diagnostic and status indicators

## Commercial data

Item number	1091657
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRADAF
Product key	DRADAF
GTIN	4055626904894
Weight per piece (including packing)	251.69 g
Weight per piece (excluding packing)	177.43 g
Customs tariff number	85176200
Country of origin	DE

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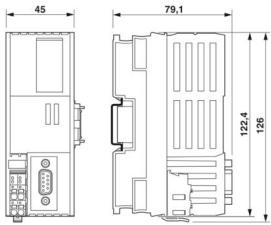


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## Technical data

### Dimensions

Dimensional drawing	
Width	45 mm
Height	126 mm
Depth	79.1 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

### Interfaces

PROFIBUS DP V0/V1 class 2 master	
Number of interfaces	1
Connection method	D-SUB-9 female connector
Transmission speed	12 Mbps
Transmission length	max. 100 m

### System properties

System limits	
Number of supported devices	max. 125

### 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
Special properties	PROFIBUS master
	Max. process data width of 488 bytes

### Electrical properties

Maximum power dissipation for nominal condition	1.68 W
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Potentials: Supply of the logic voltage  $U_L$

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Supply voltage	24 V DC
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current draw	max. 220 mA typ. 70 mA
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 <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
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 <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section, flexible	0.2 mm <sup>2</sup> ... 1.5 mm <sup>2</sup>
Conductor cross-section AWG	24 ... 16
Stripping length	8 mm

## Environmental and real-life conditions

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 60 °C (with 0.5 m/s ventilation speed up to 2,000 m above mean sea level)
Degree of protection	IP20
Air pressure (operation)	70 kPa ... 106 kPa (up to 3,000 m above MSL (at an operating temperature of up to 55°C and with 0.5 ms ventilation speed))
Permissible humidity (operation)	10 % ... 95 % (non-condensing)

## Standards and regulations

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

Mounting type	DIN rail mounting
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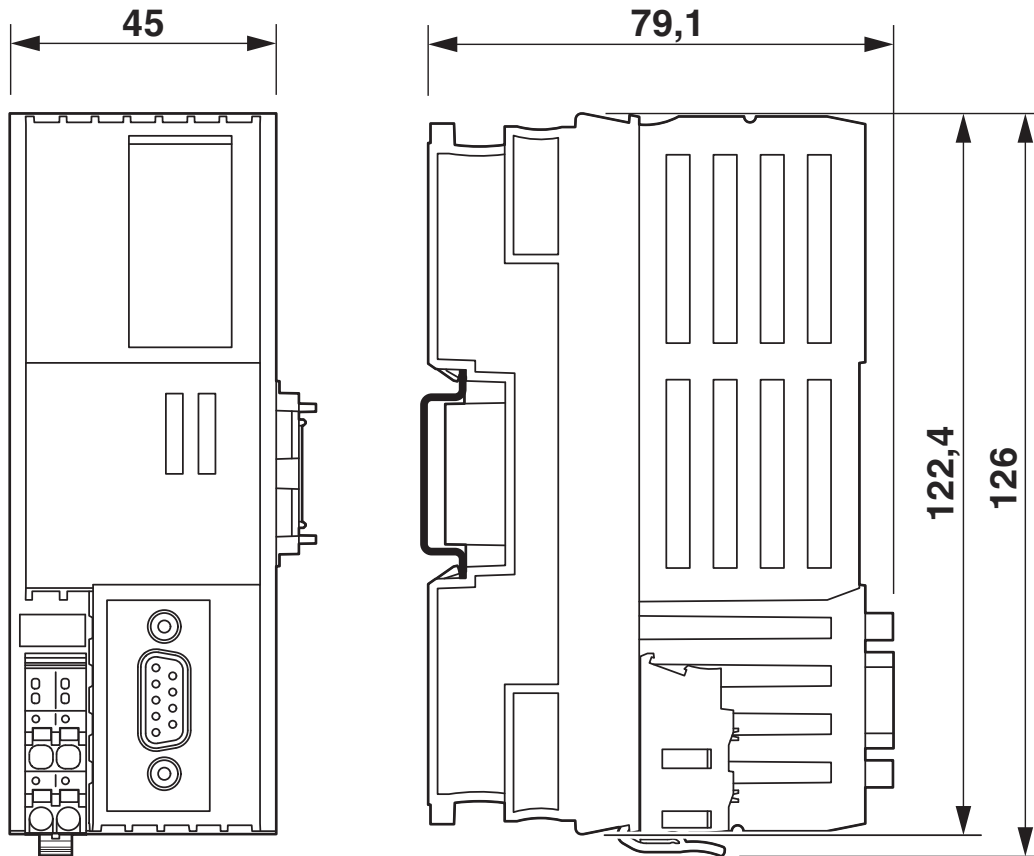
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## Drawings

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)
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