

AXC F XT PB - PLC extension module



1091657

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PLCnext Control Extension, PLC extension module, Left alignment, PROFIBUS master; interface: PROFIBUS DP V0 / V1: 1; Amount of process data: 488 Byte; Transmission speed: 12 Mbps; degree of protection: IP20; Scope of supply: including bus base module and Axioline F connector; Supported controller: AXC F 2152, AXC F 3152

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	DR09
Product key	DRADAF
GTIN	4055626904894
Weight per piece (including packing)	251.69 g

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Weight per piece (excluding packing)	177.43 g
Customs tariff number	85176200
Country of origin	DE

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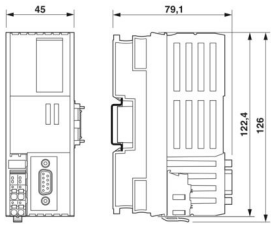


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Technical data

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

Material specifications

Color (Housing)	gray (RAL 7042)
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Interfaces

Transmission speed	12 Mbps
PROFIBUS DP V0 / V1	
Number of interfaces	1
Connection method	D-SUB-9 female connector
Transmission speed	max. 12 Mbps
Communication (PROFIBUS V0 / V1)	cyclical / acyclical
Transmission length	max. 100 m

System properties

Supported controller	AXC F 2152 AXC F 3152
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System limits

Amount of process data (PROFIBUS input/output data max.)	max. 488 Byte (PROFIBUS)
Number of parameter data	max. 7 Byte (Standard parameters per PROFIBUS device)
Number of configuration data	max. 237 Byte (Application-specific parameters per PROFIBUS device)
Number of supported devices (PROFIBUS)	max. 125

Product properties

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Product type	I/O component
Product family	PLCnext Control Extension
Type	modular
Scope of supply	including bus base module and Axioline F connector

Electrical properties

Maximum power dissipation for nominal condition	2.88 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. 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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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)	-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)

Mechanical test

Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	5g
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	30g
Continuous shock in accordance with EN 60068-2-27/IEC 60068-2-27	10g

Standards and regulations

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

Mounting type	DIN rail mounting
Possible mounting positions	Left alignment

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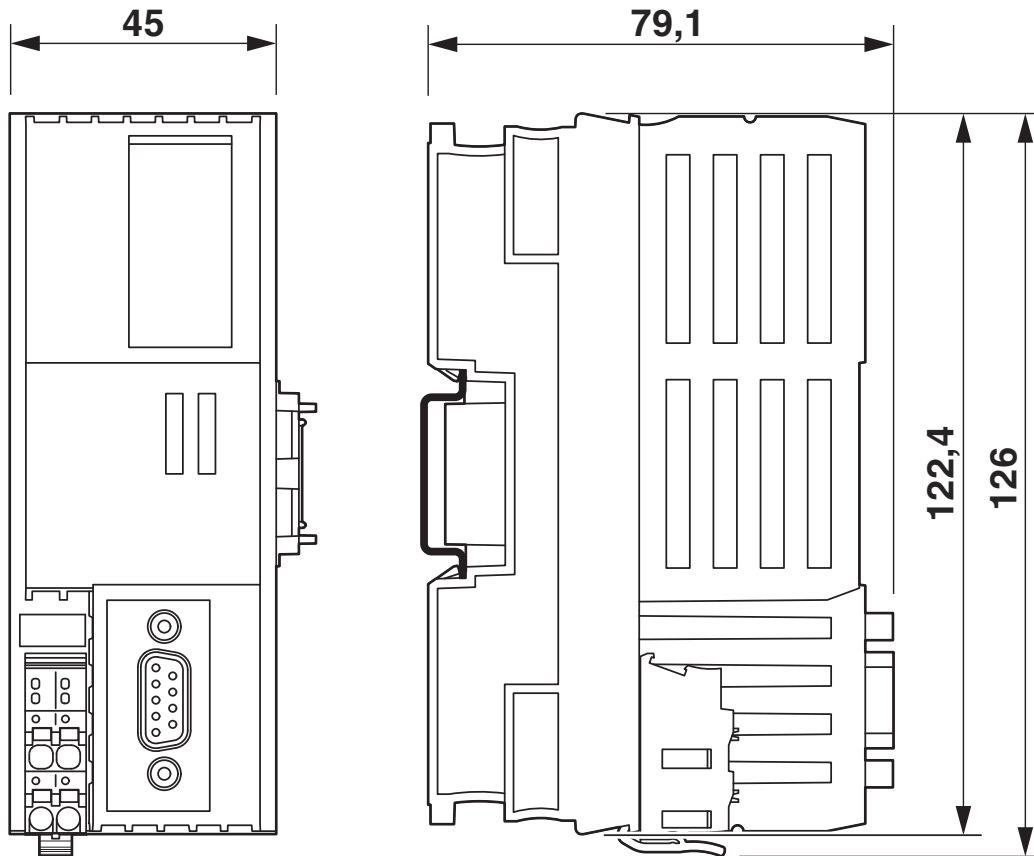
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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 10.0	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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