

Extension module - AXC F XT ML 1000



1259849

<https://www.phoenixcontact.com/gb/products/1259849>

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Left-alignable extension module (machine learning module), for connection to an AXC F 3152 PLCnext controller

Product Description

With the left-alignable AXC F XT ML 1000 extension module, you can extend an AXC F 3152 PLCnext controller with a machine learning module for processing AI applications.

Your advantages

- Use of machine learning methods directly on the AXC F 3152 PLCnext controller
- Local exchange of sensor data and inferences with the PLC application
- AI accelerator for using TensorFlow Lite files
- Integration of Edge TPU (Coral) into the operating system of the AXC F 3152 PLCnext controller
- Creation of the AI application using Python programming language

Commercial Data

Item number	1259849
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	DRADAF
Product Key	DRADAF
GTIN	4063151369729
Weight per Piece (including packing)	197.65 g
Weight per Piece (excluding packing)	197.65 g
Customs tariff number	85389099
Country of origin	DE

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Technical Data

Dimensions

Dimensional drawing	
Width	45 mm
Height	126.93 mm
Depth	75 mm
Note on dimensions	The depth is valid when a TH 35-7,5 DIN rail is used (according to EN 60715).

Material specifications

Color	traffic grey A RAL 7042
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Product properties

Type	modular
Product type	I/O component

Electrical properties

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. 70 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 solid	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
Stripping length	8 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C (up to 2000 m above sea level)
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Degree of protection	IP20
Air pressure (operation)	70 hPa ... 106 kPa (up to 3000 m above sea level)
Permissible humidity (operation)	0 % ... 90 % (according to DIN EN 61131-2)

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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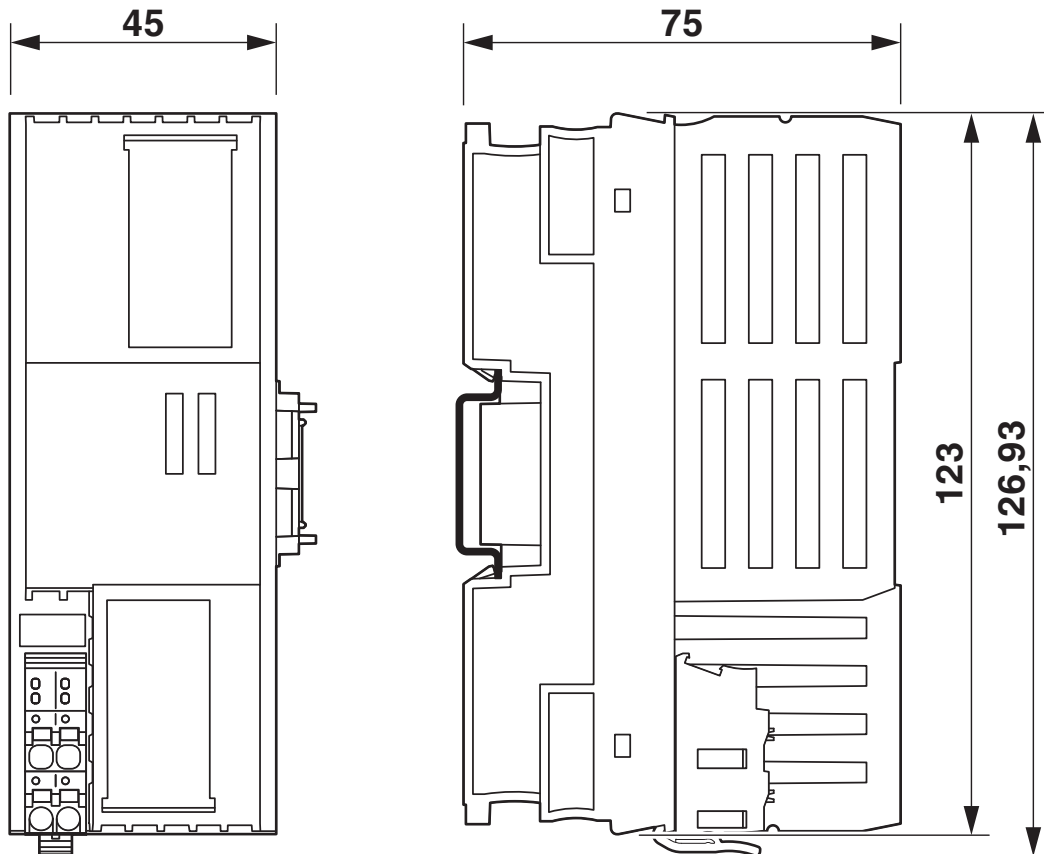


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Drawings

Dimensional drawing



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Classifications

ECLASS

ECLASS-9.0	27242605
ECLASS-10.0.1	27242605
ECLASS-11.0	27242605

ETIM

ETIM 8.0	EC001601
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UNSPSC

UNSPSC 21.0	32151600
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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Accessories

Bus connector

Bus connector - AXC BS L 2 - 1064312

<https://www.phoenixcontact.com/gb/products/1064312>

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



Plug

Plug - AXL CN S/UL - 2701421

<https://www.phoenixcontact.com/gb/products/2701421>

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



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Controller

Controller - AXC F 3152 - 1069208

<https://www.phoenixcontact.com/gb/products/1069208>



PLCnext Control for the direct control of Axioline F I/Os. With three independent Ethernet interfaces. Complete with connector and bus base module.

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