AXC F XT ML 1000 - PLC extension module

1259849

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PLCnext Control Extension, PLC extension module, Left alignment, Machine learning module; degree of protection: IP20; Scope of supply: including bus base module and Axioline F connector; Supported controller: AXC F 3152

Product description

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

Your advantages

- Use of machine learning methods directly on a PLCnext Control AXC F 3152
- 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 PLCnext Control AXC F 3152
- Creation of the AI application using Python programming language

ELEKTROGERÄTE RÜCKNAHME

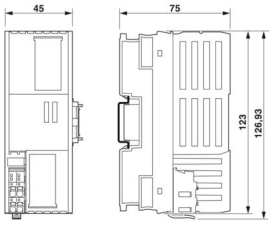
Commercial data

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

Technical data

Dimensions

Dimensional drawing	
Width	45 mm
Height	126.93 mm
Depth	75 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

Mounting

Mounting type	DIN rail mounting
Possible mounting positions	Left alignment

Material specifications

Color (Housing)	gray (RAL 7042)

System properties

Supported controller	AXC F 3152

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

Electrical properties

Maximum power dissipation for nominal condition	1.1 W

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

Axioline F connector

Connection method	Push-in connection
Conductor cross-section, rigid	0.2 mm² ... 1.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 1.5 mm²
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)
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)

Mechanical test

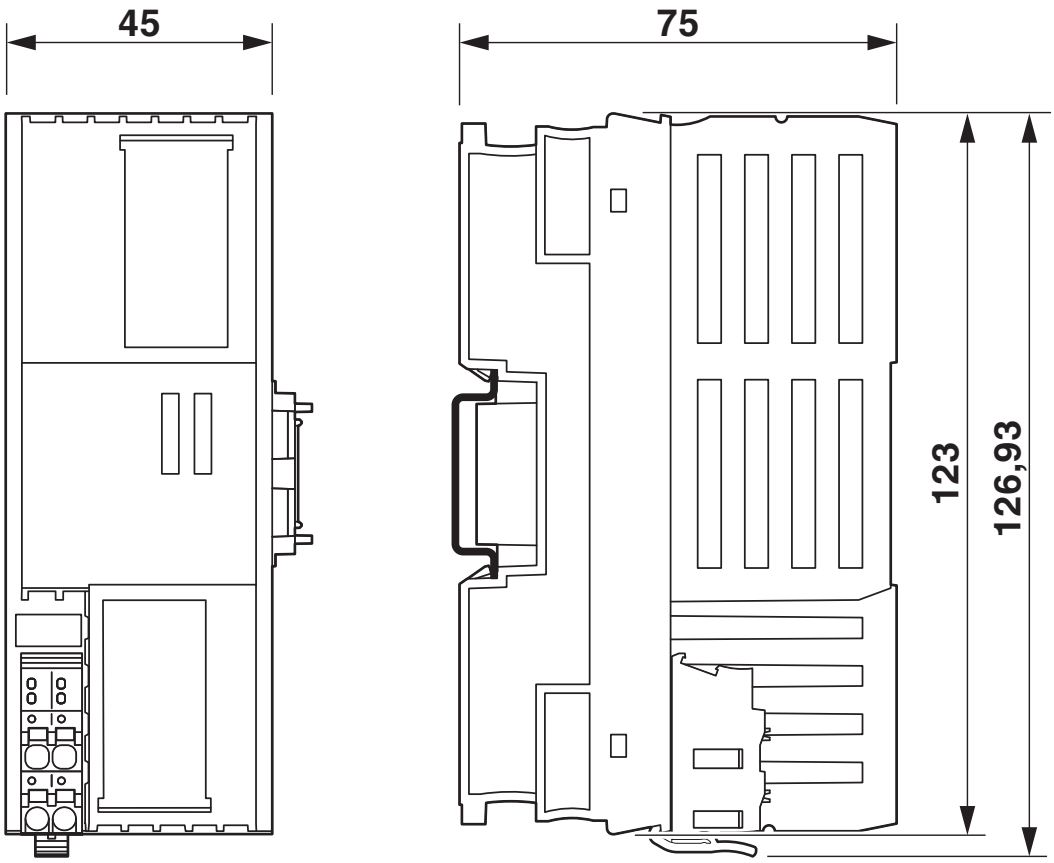
Vibration resistance in accordance with EN 60068-2-6/IEC 60068-2-6	5g
Shock in accordance with EN 60068-2-27/IEC 60068-2-27	30g
Continuous shock in accordance with EN 60068-2-27/IEC 60068-2-27	10g

Standards and regulations

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

Drawings

Dimensional drawing



Classifications

ECLASS

ECLASS-13.0	27242608
ECLASS-15.0	27242608

ETIM

ETIM 10.0	EC001604

UNSPSC

UNSPSC 21.0	32151600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	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	423ffb3b-99b6-4dbb-b30a-c5770adb50d0

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