

## Extension module - AXC F IL ADAPT - 1020304

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Right-alignable Inline adapter terminal (INTERBUS master) for one PLCnext Control device for setting up a PLCnext Technology Inline station

### Product Description


The Inline adapter terminal (INTERBUS master) is designed to be aligned to the right of an Axioccontrol series PLCnext Control device. The Inline adapter terminal can be used to set up an Inline station for PLCnext Technology and to integrate INTERBUS devices.

### Your advantages

- ✓ Inline I/O adapter terminal specifically developed for all PLCnext Control devices of the Axioccontrol series
- ✓ A variety of functional I/Os creates options for flexible automation solutions
- ✓ Convert existing machines and systems to the new, open PLCnext Technology ecosystem
- ✓ Automatic detection of the transmission speed in INTERBUS (500 kbps or 2 Mbps)
- ✓ Up to 63 INTERBUS devices can be connected
- ✓ Diagnostic and status indicators



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 055626 510088
GTIN	4055626510088

### Technical data

#### Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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#### Dimensions

Width	12.2 mm
Height	119.8 mm
Depth	71.5 mm

#### Ambient conditions

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### Technical data

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	10 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	10 % ... 95 % (non-condensing)
Air pressure (operation)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport)	10 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

#### Connection data

Designation	Inline connector
Connection method	Spring-cage connection
Conductor cross section solid min.	0.08 mm <sup>2</sup>
Conductor cross section solid max.	1.5 mm <sup>2</sup>
Conductor cross section flexible min.	0.08 mm <sup>2</sup>
Conductor cross section flexible max.	1.5 mm <sup>2</sup>
Conductor cross section AWG min.	28
Conductor cross section AWG max.	16
Stripping length	8 mm

#### General

Mounting type	DIN rail mounting
Net weight	66 g
Diagnostics messages	Bus error in INTERBUS Yes
	Peripheral fault in INTERBUS Yes
Mounting type	DIN rail mounting

#### Data interfaces

Interface	INTERBUS local bus (master)
Number	1
Connection method	Inline data jumper

#### Power supply for module electronics

Current consumption	20 mA
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#### Inline potentials

Designation	24 V supply U <sub>ILC</sub>
Supply voltage	24 V DC -15 % / +20 % (acc. to EN 61131-2)
Current consumption	20 mA
Designation	7.5 V communications power U <sub>L</sub> (potential jumper)
Supply voltage	7.5 V DC ±5 %
Power supply unit	max. 0.8 A DC (observe derating)
Designation	24 V analog supply U <sub>ANA</sub> (potential jumper)
Supply voltage	24 V DC -15 % / +20 %

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### Technical data

#### Inline potentials

Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	0.5 A DC (observe derating)
Designation	24 V main supply $U_M$
Supply voltage	24 V DC -15 % / +20 % (acc. to EN 61131-2)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	max. 8 A DC (sum of $U_M + U_S$ )
Designation	24 V segment supply $U_S$
Supply voltage	24 V DC -15 % / +20 % (in accordance with EN 61131)
Supply voltage range	19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Power supply unit	max. 8 A (sum of $U_M + U_S$ )
Type of protection	Polarity reversal protection of the supply voltage
	Transient protection

#### Axioline potentials

Supply voltage	24 V DC
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#### Standards and Regulations

Mechanical tests	Shock in acc. with EN 60068-2-27/IEC 60068-2-27 30g, 11 ms period, half-sine shock pulse
	Continuous shock according to EN 60068-2-27/IEC 60068-2-27 10g
	Vibration resistance in acc. with EN 60068-2-6/IEC 60068-2-6 5g

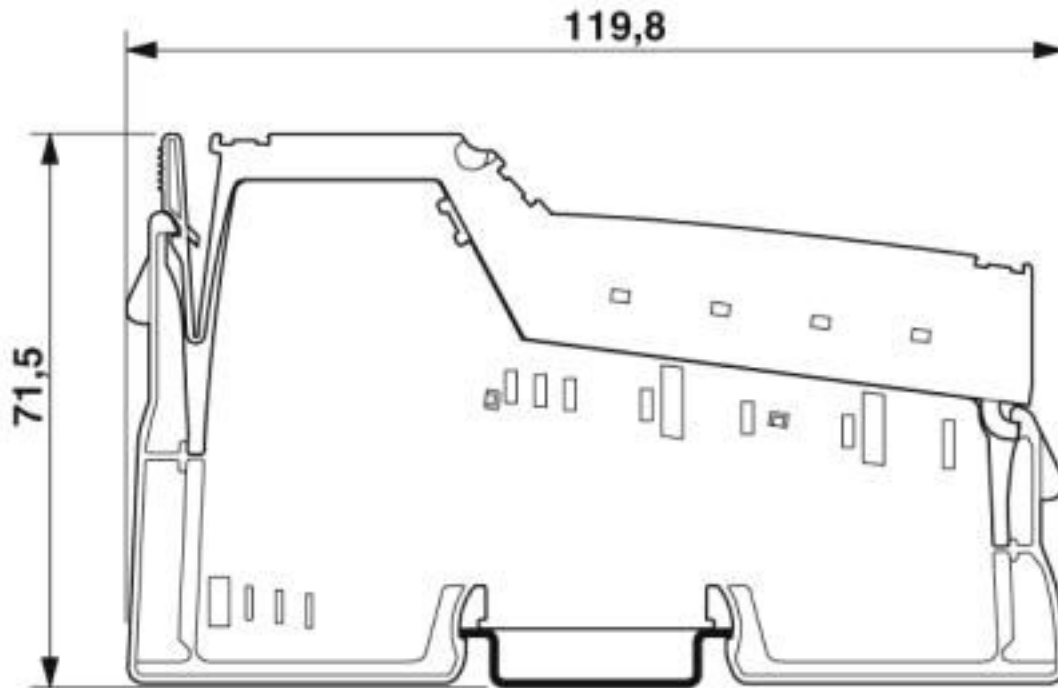
#### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

### Drawings

# Extension module - AXC F IL ADAPT - 1020304

Dimensional drawing



## Classifications

eCl@ss

eCl@ss 10.0.1	27242608
eCl@ss 6.0	27242600
eCl@ss 7.0	27242608
eCl@ss 8.0	27242608
eCl@ss 9.0	27242608

ETIM

ETIM 5.0	EC001604
ETIM 6.0	EC001604
ETIM 7.0	EC001604

## Approvals

Approvals

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Approvals

ABS / BV / DNV GL / RINA / LR





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Ex Approvals

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### Approvals

#### Approval details

ABS		<a href="http://www.eagle.org/eagleExternalPortalWEB/">http://www.eagle.org/eagleExternalPortalWEB/</a>	20-1968571-PDA
BV		<a href="http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials">http://www.veristar.com/portal/veristarinfo/generalinfo/approved/approvedProducts/equipmentAndMaterials</a>	36433/B1 BV
DNV GL		<a href="https://approvalfinder.dnvgl.com/">https://approvalfinder.dnvgl.com/</a>	TAA00000DF
RINA		<a href="http://www.rina.org/en">http://www.rina.org/en</a>	ELE030120XG
LR		<a href="http://www.lr.org/en">http://www.lr.org/en</a>	LR2001902TA

### Accessories

#### Accessories

##### Controller

Controller - AXC F 2152 - 2404267



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

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