

Extension module - FL FXT - 2989307

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Expansion, 8 Ethernet ports

Product Features

- Connection of connection media that can be assembled in the field, such as POF, HCS, and GI HCS
- Quick and easy local configuration options with the new operator/display interface
- Security in the automation network according to IEEE 802.1X
- Connection of Gigabit fiberglass via FL SFP plug-in modules
- Optional Layer 3 functions (static routing) can be activated



Ethernet

Key commercial data

Packing unit	0
Minimum order quantity	1
Catalog page	Page 101 (AX-2011)
GTIN	 4 046356 435369
Custom tariff number	85176200
Country of origin	GERMANY

Technical data

Note:

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

Interface	Ethernet
No. of ports	2 (Per interface module)
Connection method	via interface module
Note on connection method	Max. 4 interface modules
Transmission speed	10/100 MBit/s (full duplex)
Transmission physics	Multimode fiberglass
Transmission physics	Single mode fiberglass

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Technical data

Interface expansion

Transmission physics	POF-SCRJ
Transmission physics	GI-HCS fibers
Transmission physics	Copper
Transmission physics	PoE

Function

Basic functions	Extension module for Modular Managed Switch
Status and diagnostic indicators	LEDs for media modules

Supply voltage

Typical current consumption	(via head station)
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Conformity with EMC directives

Developed in acc. with standard	IEC 61000-6.2
Test standard	IEC 61000-4-2 (ESD)
Test result	Criterion B
Test standard	IEC 61000-4-3 (immunity to radiated interference)
Test result	Criterion A
Test standard	IEC 61000-4-4 (burst)
Test result	Criterion A
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion A
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	Criterion A
Test standard	EN 55022 (emitted interference)
Test result	Class A

General data

Width	127 mm
Height	125 mm
Depth	115 mm
Mounting type	DIN rail
Type AX	Stand-alone
Weight	650 g
Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 55 °C (no condensation)
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	10 % ... 95 % (no condensation)
Housing material	PA 6.6
Noise emission	EN 61000-6-3/-4
Noise immunity	EN 61000-6-2:2005

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Classifications

ETIM

ETIM 3.0	EC000734
ETIM 4.0	EC000734
ETIM 5.0	EC000734

UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	43201410
UNSPSC 13.2	31261501
UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

eCl@ss

eCl@ss 4.0	27250501
eCl@ss 4.1	27250501
eCl@ss 5.0	27250501
eCl@ss 5.1	27250501
eCl@ss 6.0	19170106
eCl@ss 7.0	19170106

Approvals

Approvals

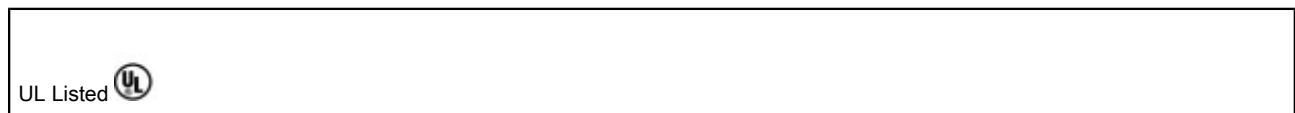
Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals


Approvals submitted

Approval details



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Approvals

cULus Listed 

Accessories

Accessories

Cable/conductor

FO cable - FL FOC PN-C-HCS-GI-200/230 - 2313410



PROFINET HCS GI fiber cables, duplex 200/230 μm , increased bandwidth for Ethernet applications in particular. Robust PUR outer sheath. Heavy version suitable for drag chains and indoor installation, sold by the meter without plugs

FO cable - FL FOC PN-C-HCS-GI - 2313504



HCS GI cable for indoor installation, duplex, 200/230 μm , sold by the meter with connectors, particularly suitable for Ethernet applications due to the high bandwidth, rugged PUR outer cable sheath, 8 mm outside diameter, color: green

Media module - FL IF 2TX VS-RJ-F - 2832344



Interface module for connecting twisted pair cable, RJ45, connection direction forward

Media module - FL IF 2TX VS-RJ-D - 2832357



Interface module for connecting twisted pair cable, RJ45, connection direction downward

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Accessories

Media module - FL IF 2FX SC-F - 2832412



Fiber optic interface module for connecting 100 Base-FX multi-mode glass fibers (1300 nm), SC, connection direction forward

Media module - FL IF 2FX SC-D - 2832425



Fiber optic interface module for connecting 100 Base-FX multi-mode glass fibers (1300 nm), SC, connection direction downward

Media module - FL IF 2FX SM SC-D - 2832205



FO interface module for connecting 100 Base-FX single-mode glass fibers (1300 nm), SC, connection direction downward

Media module - FL IF 2FX ST-D - 2884033



Fiber optic interface module for connecting 100 Base-FX multi-mode glass fibers (1300 nm), ST, connection direction downward

Media module - FL IF 2POF SCRJ-D - 2891084



Fiber optic interface module for connecting 100 Base-FX POF/HCS fibers (650 nm), SCRJ, connection direction downward

Media module - FL IF 2PSE-F - 2832904



Interface module for connecting PoE twisted pair ports, RJ45, connection direction forward

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Accessories

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