

## FL IF 2HCS 100-D

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Order No.: 2832742




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Interface module, 2 ports, 100 Mbps, full duplex, for the Modular Managed Switch System, exit downward

### Ethernet

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

#### Commercial data

GTIN (EAN)	
Note	Made-to-order
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 191 (AX-2009)

#### Product description

Fitted with combi interface FL IF TX/POF 100-..., the converter board becomes a media converter. For the highest noise immunity requirements in industrial applications, cost-effective and easy to operate polymer fiber technology can be used. The optical connection conforms to the international F-SMA standard. The compact converter module is easily snapped onto standard EN DIN rails. Interfaces for exits at the bottom or at the front are available. The module can thus be used for distributed application used in junction boxes, or using the convenient front exit, in control cabinet. The

Pluggable screw terminal blocks provide the 24 V DC supply.

#### Technical data

##### Interfaces

Interface	Ethernet
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No. of ports	2
Type of connection	FSMA plugs
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	100 MBit/s (connection direction downwards)
Transmission length	100 m (HCS fiber with F-S 200/230 10 dB/km)
Interface	Fiber optic interface
No. of ports	2
Type of connection	F-SMA connector
Transmission speed	100 MBit/s
Transmission length	100 m (HCS fiber with F-S 200/230 10 dB/km)

**Function**

Basic functions	Media module for modular managed switch
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**Supply voltage**

Supply voltage	(via head station)
Typical current consumption	100 mA

**General data**

Weight	80 g
Width	31 mm
Height	75.7 mm
Depth	72.5 mm
Degree of protection	IP20
Ambient temperature (operation)	0 °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
Noise emission	EN 61000-6-3/-4
Noise immunity	EN 61000-6-2:2005

**Mechanical tests**

Inflammability class acc. to UL 94	V0
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### Certificates / Approvals



Certification CUL, UL

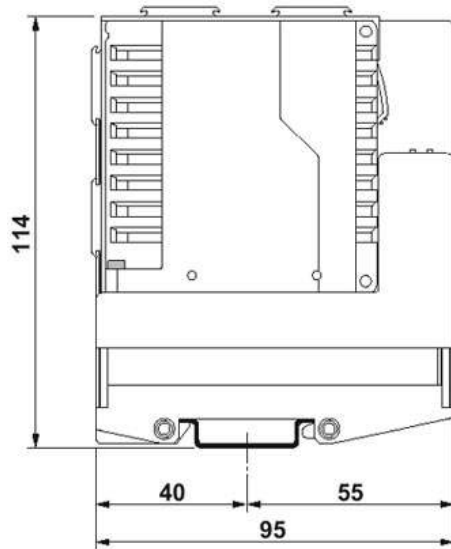
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### Accessories

Item	Designation	Description
<b>Cable/conductor</b>		
2832250	FL CAT5 PATCH 0,3	Patch cable, CAT5, assembled, 0.3 m
2832263	FL CAT5 PATCH 0,5	Patch cable, CAT5, assembled, 0.5 m
2832276	FL CAT5 PATCH 1,0	Patch cable, CAT5, assembled, 1.0 m
2832221	FL CAT5 PATCH 1,5	Patch cable, CAT5, assembled, 1.5 m
2832629	FL CAT5 PATCH 10,0	Patch cable, CAT5, assembled, 10.0 m
2832289	FL CAT5 PATCH 2,0	Patch cable, CAT5, assembled, 2.0 m
2832292	FL CAT5 PATCH 3,0	Patch cable, CAT5, assembled, 3.0 m
2832580	FL CAT5 PATCH 5,0	Patch cable, CAT5, assembled, 5.0 m
2832616	FL CAT5 PATCH 7,5	Patch cable, CAT5, assembled, 7.5 m
<b>General</b>		
2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector

## Diagrams/Drawings

### Dimensioned drawing



The illustration shows a version of the interface module with the head station FL SWITCH MM HS

**Address**

PHOENIX CONTACT Deutschland GmbH  
Flachmarktstr. 8  
32825 Blomberg, Germany  
Phone +49 5235 3 12000  
Fax +49 5235 3 41200  
<http://www.phoenixcontact.de>



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