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Extract from the online catalog

FL HUB 16TX-ZF

Order No.: 2832564



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2832564>

DIN rail mountable Ethernet hub with 16 RJ45 ports supports Ethernet with 10 Mbps as well as with 100 Mbps

Commercial data

GTIN (EAN)	
sales group	K001
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 201 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
08/03/2006



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Product description

Ethernet hub with 16 RJ45 ports. The hub enables quick and cost-effective Ethernet network extension. It has sixteen twisted pair ports, which you can use to connect additional network segments or termination devices. The FL HUB 16 TX-ZF supports both Ethernet with 10 Mbps and with 100 Mbps. The hub regenerates the received data telegrams and sends them to the remaining ports. For port 5, a port assignment switch is located on the hub. The transmit and receive cables are exchanged at port 5 by actuating the switch, while polarity is maintained.

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Technical data
Interfaces

Interface	Ethernet
No. of ports	16
Type of connection	RJ45 female connector
Transmission physics	Ethernet RJ45
Transmission speed	10/100 MBit/s
Transmission length	100 m
Signal LEDs	Data receive, link status

Function

Basic functions	Hub/repeater, compliance with IEEE 802.3
Status and diagnostic indicators	LEDs: UL (communications voltage), COL (collision) link and receive LED per port

Network expansion parameters

Cascading depth	4 hubs 10 Mbps / 2 hubs 100 Mbps
Maximum conductor length ((twisted pair)	100 m

Supply voltage

Supply voltage	24 V DC (via COMBICON; max. conductor cross section 2.5 mm ²)
Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Supply voltage range	18.5 V DC ... 30.5 V DC
Typical current consumption	Typ. 144 mA (to US)

General data

Weight	280 g
Width	90 mm
Height	99 mm
Depth	112 mm
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	30 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	30 % ... 95 % (no condensation)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)

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Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2:2005

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 B
Test standard	IEC 61000-4-5 (surge)
Test result	Criterion B
Test standard	IEC 61000-4-6 (immunity to conducted interference)
Test result	Criterion A
Test standard	IEC 61000-4-8 (immunity to magnetic fields)
Test result	Criterion A
Test standard	EN 55022 (emitted interference)
Test result	Criterion A

Certificates / Approvals


Certification

CUL, UL

Accessories

Item	Designation	Description
Cable/conductor		
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

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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

General

2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector
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