

Ethernet hub - FL HUB 16TX-ZF - 2832564

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Rail-mountable Ethernet hub with 16 RJ45 ports, supports Ethernet with 10 Mbps as well as 100 Mbps

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.

Your advantages

- 10/100 Mbps (can be selected)
- High port density
- Outcross port



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 996222
GTIN	4017918996222
Weight per Piece (excluding packing)	280.000 g
Custom tariff number	85176200
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Width	90 mm
Height	99 mm
Depth	112 mm

Ambient conditions

Degree of protection	IP20
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Ambient conditions

Ambient temperature (operation)	0 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	30 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (1500 m above sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (3500 m above sea level)

Interfaces

Interface	Ethernet
No. of ports	16 (RJ45 ports)
Transmission physics	Ethernet RJ45
Transmission speed	10/100 Mbps
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
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 (at U _S = 24 V DC)

General

Mounting type	DIN rail
Type AX	Stand-alone
Net weight	280 g
Housing material	Plastic

Standards and Regulations

Electromagnetic compatibility	Conformance with EMC Directive 2014/30/EU
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2:2005
Vibration (storage/transport)	5g, 150 Hz, in acc. with IEC 60068-2-6
Free from substances that could impair the application of coating	In acc. with VW specification
Connection in acc. with standard	CUL
Electrical isolation	10BASE-T//100BASE-TX//Supply

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Standards and Regulations

Vibration (operation)	in acc. with IEC 60068-2-6: 5g, 150 Hz
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Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Classifications

eCl@ss

eCl@ss 4.0	24010500
eCl@ss 4.1	24010500
eCl@ss 5.0	19030100
eCl@ss 5.1	19030100
eCl@ss 6.0	19170100
eCl@ss 7.0	19170105
eCl@ss 8.0	19170105
eCl@ss 9.0	19170105

ETIM

ETIM 2.0	EC000734
ETIM 3.0	EC000734
ETIM 4.0	EC000731
ETIM 5.0	EC000731
ETIM 6.0	EC000731
ETIM 7.0	EC000731

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201410
UNSPSC 13.2	43201410

Accessories

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Patch cable

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Accessories

Patch cable - FL CAT5 PATCH 0,3 - 2832250



Patch cable, CAT5, assembled, 0.3 m

Patch cable - FL CAT5 PATCH 0,5 - 2832263



Patch cable, CAT5, assembled, 0.5 m

Patch cable - FL CAT5 PATCH 1,0 - 2832276



Patch cable, CAT5, assembled, 1 m

Patch cable - FL CAT5 PATCH 1,5 - 2832221



Patch cable, CAT5, assembled, 1.5 m

Patch cable - FL CAT5 PATCH 2,0 - 2832289



Patch cable, CAT5, assembled, 2 m

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Accessories

Patch cable - FL CAT5 PATCH 3,0 - 2832292



Patch cable, CAT5, assembled, 3 m

Patch cable - FL CAT5 PATCH 5,0 - 2832580



Patch cable, CAT5, assembled, 5 m

Patch cable - FL CAT5 PATCH 7,5 - 2832616



Patch cable, CAT5, assembled, 7.5 m

Patch cable - FL CAT5 PATCH 10,0 - 2832629



Patch cable, CAT5, assembled, 10 m

Protective cap

Dust protection - FL RJ45 PROTECT CAP - 2832991



Dust protection caps for RJ45 socket
