

Ethernet hub - FL HUB 8TX-ZF - 2832551

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

Product Description


Ethernet hub with eight RJ45 ports. The hub is used for quick and cost-effective Ethernet network expansion. It has eight twisted pair ports, which can be connected to additional network segments or termination devices. The FL HUB 8TX-ZF supports Ethernet with 10 Mbps as well as with 100 Mbps. The hub regenerates the data telegrams received and transmits 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. Application: Simple expansion of networks without configuration.

Why buy this product

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



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 996215
GTIN	4017918996215

Technical data

Note

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

Width	45 mm
Height	99 mm
Depth	112 mm

Ambient conditions

Degree of protection	IP20
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Ambient conditions

Ambient temperature (operation)	0 °C ... 60 °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 1	Ethernet
No. of ports	8 (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	140 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

Approvals

Approvals

Approvals


UL Recognized / cUL Recognized / EAC / EAC / KC / cULus Recognized

Ex Approvals


UL Listed / cUL Listed / cULus Listed


Approval details

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 140324
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EAC			EAC-Zulassung
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EAC			RU *- DE.A*30.B.01735
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KC		http://eng.kcc.go.kr/user/ehpMain.do	MSIP-REI- PCK-2832551
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Approvals

cULus Recognized



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

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PHOENIX CONTACT GmbH & Co. KG
Flachsmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

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