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Industrial Ethernet Switch - FL SWITCH SFN 8TX - 2891929

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Ethernet switch, 8 TP RJ45 ports, automatic detection of data transmission speed of 10/100 Mbps (RJ45), autocrossing function

Product Features

- ☑ Auto negotiation and autocrossing detection simplifies installation and setup
- ☑ Local diagnostic indicators with LEDs
- ☑ The switch also offers cable locking and port blocking
- ☑ Data flow control can be disabled to locate network device errors
- ☑ QoS-prioritized (Quality of Service) messages
- ☑ RJ45 ports support a transmission speed of 10/100 Mbps; fiber optic ports support 100 Mbps
- ☑ DC and AC power supplies
- ☑

Ethernet

Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	513.1 GRM
Custom tariff number	85176200
Country of origin	Taiwan

Technical data

Dimensions

Width	50 mm
Height	120 mm
Depth	70 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 60 °C

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Technical data

Ambient conditions

Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Air pressure (operation)	86 kPa ... 108 kPa (up to 1500 m above mean sea level)
Air pressure (storage/transport)	66 kPa ... 108 kPa (up to 3500 m above mean sea level)
Noise immunity	EN 61000-6-2:2005

Interfaces

Interface 1	Ethernet (RJ45)
No. of ports	8 (RJ45 ports)
Connection method	RJ45
Note on connection method	Auto negotiation and autocrossing
Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100 MBit/s

Function

Basic functions	Unmanaged switch / auto negotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostic indicators	LEDs: U_{S1}, link and activity per port

Network expansion parameters

Cascading depth	Network, linear, and star structure: any
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	9 V DC ... 32 V DC
Typical current consumption	typ. 140 mA (at U_S = 24 V DC)

General

Mounting type	DIN rail
Type AX	Block design
Net weight	512 g
Housing material	Aluminum
Noise emission	EN 61000-6-4

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Classifications

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
eCl@ss 8.0	19170106

ETIM

ETIM 2.0	EC000734
ETIM 3.0	EC000734
ETIM 4.0	EC000734
ETIM 5.0	EC000734

UNSPSC

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

Approvals

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UL Listed / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

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Approvals

UL Listed

cUL Listed

EAC

EAC

cULus Listed