FL SWITCH 4800E-24SFX-4GC - Industrial Ethernet Switch

1287360

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Rack-mount, managed Ethernet switch meets IEC 61850-3 and IEEE 1613. It provides 24 SFP ports at 100 Mbps and four Gbps combo ports.



Your advantages

- Network structure according to IEC 61850
- IEEE 1613

Commercial data

Item number	1287360
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DN17
Product key	DNN125
GTIN	4063151512569
Weight per piece (including packing)	5,141 g
Weight per piece (excluding packing)	3,708 g
Customs tariff number	85176200
Country of origin	TW

Technical data

Dimensions

Width	442 mm
Height	44 mm
Depth	375 mm

Notes

Note on application

Note on application	Only for industrial use

Material specifications

Color (Housing)	black (RAL 9005)

Mounting

Mounting type	Rack mounting (with holder)
Holder system	19" rack

Interfaces

Ethernet (SFP)

Number of interfaces	24
Connection method	SFP
Transmission speed	100 Mbps (full duplex)
Transmission physics	Depending on the SFP module
Transmission length	up to 40 km (Depending on the SFP module used)
Signal LEDs	Data receive, link status
No. of channels	24 (SFP ports)

Output data

Signal contact

Output name	Diagnostics contact - 30 V DC @ 100 mA

Product properties

Product type	Switch
Product family	Managed Switch 4000
Type	Block design
MTTF	8.8 Years (MIL-HDBK-217F standard, temperature 25°C, operating cycle 100%)
	202.2 Years (SN 29500 standard, temperature 25°C, operating cycle 21%)
	244.9 Years (Telcordia standard, 25°C temperature, 21% operating cycle (5 days a week, 8 hours a day))

Switch functions

Status and diagnostic indicators	LEDs: U_{S1}, U_{S2} (redundant voltage supply), link and activity per port
Basic functions	Store and forward switch, Extended Ring and IEEE redundancy, Multicast control, IGMP snooping, trunking, Port and Tagging VLANs, Port and IEEE 802.1x security, SNMP V3 and Https security, SNTP, web customization, user accounts
Redundancy functions	ERR (Extended ring redundancy)

Electrical properties

Transmission medium	Copper
	depending on the SFP module used

Supply

Power supply connection	From FL SWITCH 4800E-P...

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Permissible humidity (storage/transport)	5 % ... 95 % (non-condensing)
Air pressure (operation)	57 kPa ... 108 kPa (up to 4850 m above mean sea level)
Air pressure (storage/transport)	57 kPa ... 108 kPa (up to 4850 m above mean sea level)

Standards and regulations

Standards/specifications	IEC 61850

EMC data

Noise immunity	IEC 61850-3, IEEE 1613, EN 61000-6-2: 2005

Noise emission

Standards/regulations	EN 61000-6-4

Signaling

Status display	LEDs: U_{S1}, U_{S2} (redundant voltage supply), link and activity per port

Classifications

ECLASS

ECLASS-13.0	19170401
ECLASS-15.0	19170401

ETIM

ETIM 10.0	EC000734

UNSPSC

UNSPSC 21.0	43222600

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	15(a), 6(c), 7(a), 7(c)-I

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)

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