

FL SWITCH SFN 6TX/2FX

Order No.: 2891314



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Ethernet switch, 6 TP RJ45 ports, 2 FO ports, 100 Mbps full duplex in SC-D format, automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function

Ethernet

Commercial data	
EAN	4046356100854
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.5193 KG
Catalog page information	Page 223 (AX-2007)

Product notes

WEEE/RoHS-compliant since: 08/12/2008



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Technical data

Interfaces	
Interface	Ethernet (RJ45)
No. of ports	6 RJ45 ports
Type of connection	RJ45 socket, autonegotiation and autocrossing
Transmission physics	Ethernet in RJ45 twisted pair

Transmission speed	10/100 MBit/s (RJ45)
Interface	Fiber optic interface
No. of ports	2 FO ports
Type of connection	SC-DUPLEX
Transmission physics	Multimode glass fiber
Transmission speed	100 MBit/s (SC-D, full duplex)
Transmission length	2000 m (Glass fiber 50/125)
	2000 m (Glass fiber 62.5/125)

Function

Basic functionality	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostics displays	LEDs: U _s , link and activity per port

Network extension parameters

Cascading depth	Network, line 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)
Range of supply voltages	18.5 V DC ... 30.2 V DC
Typical current consumption	Typ. 230 mA

General data

Weight	365 g
Width	50 mm
Height	120 mm
Depth	70 mm
Degree of protection	IP20 in acc. with DIN 40050/IEC 60529
Ambient temperature (operation)	0 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C
Permissible humidity (operation)	30 % ... 95 % (non-condensing)
Housing material	Aluminum
Electromagnetic compatibility	Conformance with EMC directive 89/336/EEC
Emitted interference	EN 61000-6-4
Immunity to interference	EN 61000-6-2

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
Certification Ex:	CUL-EX LIS, UL-EX LIS

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
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

0800886	E/NS 35 N	End bracket, width: 9.5 mm, color: gray
2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector
2832865	FL SEC PAC 4TX	Layer1 security elements for four RJ45 network connections for use with patch boxes and panels

Drawings

Approval logo (Ex area)



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