

FL SWITCH SFNT 15TX/FX

Order No.: 2891953



Wide temperature Ethernet switch, 15 TP RJ45 ports, automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function. One FO port in SC format.

Commercial data	
GTIN (EAN)	4046356551625
sales group	K000
Pack	1 pcs.
Weight/Piece	1.2183 KG
Catalog page information	Page 319 (NTK-2010)

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Product description

Standard function Ethernet switch with 15 RJ45 ports and 1 SC-D fiber optic port for extreme environments (-40°C ... +75°C). Provides automatic detection of data transmission speed of 10 or 100 Mbps (RJ45), autocrossing function, 12 V DC ... 48 V DC input voltage, redundant power supply capable with remote alarming.

Technical data

Interfaces	
Interface	Ethernet (RJ45)
No. of ports	15 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	1 FO port
Type of connection	SC duplex
Transmission physics	Multimode glass fiber
Transmission speed	100 MBit/s (SC-D, full duplex)
Transmission length	2000 m (typ.)

Function

Basic functionality	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode, includes alarm contacts
Status and diagnostics displays	LEDs: U _{S1} , U _{S2} (redundant voltage supply), link and activity per port, power alarm

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 (redundant)
Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Range of supply voltages	12 V DC ... 48 V DC
Typical current consumption	350 mA (@ 24 V DC)
Max. current consumption	700 mA (@ 12 V DC)

General data

Width	70 mm
Height	135 mm
Depth	110 mm
Ambient temperature (operation)	-40 °C ... 75 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C
Permissible humidity (operation)	5 % ... 95 % (non-condensing)
Housing material	Aluminum
Immunity to interference	EN 61000-6-2

Certificates / Approvals



Certification CUL, UL

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		
2832991	FL RJ45 PROTECT CAP	Dust protection caps for RJ45 female connector