

FL SWITCH SFN 6GT/2LX-20


Order No.: 2891563



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Ethernet switch, 6 RJ45 ports, 10/100/1000 Mbps on all RJ45 ports, 2 single-mode SC-D ports with especially high range, 1 Gbps full duplex, autonegotiation (RJ45), autocrossing function, with signal contact and QoS, extended temperature range

Ethernet

Commercial data	
GTIN (EAN)	
sales group	K000
Pack	1 pcs.
Customs tariff	85176200
Catalog page information	Page 91 (AX-2011)

Product notes

WEEE/RoHS-compliant since:
01/19/2007



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Technical data

Interfaces	
Interface 1	Ethernet (RJ45)
No. of ports	6 (RJ45 ports)
Connection method	RJ45 female connector, auto negotiation and autocrossing

Transmission physics	Ethernet in RJ45 twisted pair
Transmission speed	10/100/1000 MBit/s (RJ45)
Interface 2	Fiber optic interface
No. of ports	2 (FO ports)
Connection method	SC duplex
Transmission physics	Single mode glass fiber
Transmission speed	1000 MBit/s (SC-D, full duplex)
Transmission length	20000 m (Glass fiber 9/125)
Wavelength	1310 nm
Interface 3	Potential-free signaling contact
Connection method	Plug-in/screw connection via COMBICON

Function

Basic functions	Unmanaged switch / autonegotiation, complies with IEEE 802.3, store and forward switching mode
Status and diagnostic indicators	LEDs: U _{S1} , U _{S2} (redundant voltage supply), 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 (redundant)
Residual ripple	3.6 V _{PP} (within the permitted voltage range)
Supply voltage range	9 V DC ... 30.2 V DC
Typical current consumption	Typ. 360 mA

General data

Width	50 mm
Height	120 mm
Depth	70 mm
Mounting type	DIN rail
Type AX	Block-oriented
Weight	435 g
Degree of protection	IP20
Ambient temperature (operation)	0 °C ... 60 °C
Ambient temperature (storage/transport)	-20 °C ... 70 °C

Permissible humidity (operation)	5 % ... 95 % (no condensation)
Permissible humidity (storage/transport)	5 % ... 95 % (no condensation)
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)
Housing material	Aluminum
Noise emission	EN 61000-6-4
Noise immunity	EN 61000-6-2:2005

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 clamp, 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

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