

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	
EAN	4046356116626
Pack	1 pcs.
Customs tariff	85176200
Weight/Piece	0.5884 KG
Catalog page information	Page 221 (AX-2007)

Product notes

WEEE/RoHS-compliant since:
10/15/2008



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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	10/100/1000 MBit/s (RJ45)
Interface	Fiber optic interface
No. of ports	2 FO ports
Type of connection	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)
	(Glass fiber 9/125)
Interface	Potential-free signaling contact
Type of connection	Plug-in/screw connection via COMBICON

Function

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

General data

Weight	435 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)	10 % ... 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

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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