



Product information MM3-1FXLH+/3TX1

Industrial Ethernet:Archive - Industrial Ethernet:Modular Industrial Switches:Modular switches:Ethernet / Fast-Ethernet MICE Media Modules:MM3-1FXLH+/3TX1

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Name	MM3-1FXLH+/3TX1
	
	Media module for MICE-Switch (MS...),10/100BASE-TX and 100BASE-LH+
Delivery informations	
Availability	not available
Product description	
Description	Media module for MICE-Switch (MS...), 10/100BASE-TX and 100BASE-LH+
Port type and quantity	3 x 10/100BASE-TX, 1 x 100BASE-LH+
Type	MM3-1FXLH+/3TX1
Order No.	943 930-101
Network size - length of cable	
Twisted pair (TP)	0 - 100 m
Single mode fiber (LH) 9/125 µm (long haul transceiver)	78 - 240 km 14 - 47 dB link budget bei 1550 nm A = 0,18 dB/km, 3 dB Reserve, D = 18 ps/(nm x km)
Power requirements	
Operating voltage	power supply via the backplane of the MICE switch
Power consumption	3.4W
Service	
Diagnostics	LEDs (Power, Link Status, Daten, 100 Mbit/s, Autonegotiation, Full Duplex, Ring-Port, LED Test)
Ambient conditions	
Operating temperature	0 °C to +60 °C standart (optional -40°C to +70°C)
Storage/transport temperature	-40°C to +70 °C
Protective paint on PCB	optional
Relative humidity (non-condensing)	10% to 95%
MTBF	76,6 Jahre; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	38 mm x 124 mm x 118 mm
Mounting	Backplane
Weight	240 g
Protection class	IP 20
Mechanical stability	
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks
IEC 60068-2-6 vibration	1 mm, 2 Hz - 13.2 Hz, 90 min.; 0.7g, 13.2 Hz - 100 Hz, 90 min.; 3.5 mm, 3 Hz - 9 Hz, 10 cycles, 1 octave/min.; 1g, 9 Hz - 150 Hz, 10 cycles, 1 octave/min.
EMC interference immunity	
EN 61000-4-2 electrostatic discharge (ESD)	6 kV contact discharge, 8 kV air discharge
EN 61000-4-3 electromagnetic field	10 V/m (80 - 1000 MHz)
EN 61000-4-4 fast transients (burst)	2 kV power line, 1 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line), 1kV data line
EN 61000-4-6 conducted immunity	3 V (10 kHz - 150 kHz), 10 V (150 kHz - 80 MHz)
EMC emitted immunity	
FCC CFR47 Part 15	FCC CFR47 Part 15 Class A
EN 55022	EN 55022 Class A
Approvals	
Safety of industrial control equipment	cUL 508

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Hazardous locations	ISA 12.12.01 Class 1 Div. 2
Scope of delivery and accessories	
Scope of delivery	module, operating manual
Accessories to order separately	ML-MS2/MM labels

For more information please contact:

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