HIRSCHMANN
A BELDEN BRAND

Product information
MM2-4FXM3

Industrial Ethernet:Modular Industrial Switches:Media modules:Ethernet / Fast-Ethernet MICE Media Modules:MM2-4FXM3

https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49860-81778-24482-34231/en/conf/uistate

Name	MM2-4FXM3
	Media module for MICE Switches (MS...),100BASE-FX multi-mode F/O
Delivery informations	
Availability	available
Product description	
Description	Media module for MICE Switches (MS...), 100BASE-FX multi-mode F/O
Port type and quantity	4 x 100BASE-FX, MM cable, MTRJ sockets
Type	MM2-4FXM3
Order No.	943 721-101
Network size - length of cable	
Multimode fiber (MM) 50/125 µm	0 - 5000 m 8 dB link budget at 1300 nm A = 1 dB/km, 3 dB reserve, B = 800 MHz x m
Multimode fiber (MM) 62.5/125 µm	0 - 4000 m 11 dB link budget at 1300 nm A = 1 dB/km, 3 dB reserve, B = 500 MHz x m
Power requirements	
Operating voltage	power supply via the backplane of the MICE switch
Power consumption	7 W
Service	
Diagnostics	LEDs (power, link status, data, 100 Mbit/s, full duplex, ring port, LED test)
Ambient conditions	
Operating temperature	0 °C to +60 °C standard (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	30.2 years; MIL-HDBK 217F: Gb 25 °C
Mechanical construction	
Dimensions (W x H x D)	38 mm x 134 mm x 77 mm
Mounting	Backplane
Weight	170 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

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Approvals	
Safety of industrial control equipment	cUL 508
Hazardous locations	ISA 12.12.01 Class 1 Div. 2
Shipbuilding	Germanischer Lloyd
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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