




Product information MM3-4FLM4

Industrial Ethernet:Modular Industrial Switches:Media modules:Ethernet / Fast-Ethernet MICE Media Modules:MM3-4FLM4

<https://e-catalog.beldensolutions.com:443/link/57078-24455-49860-81778-24482-34237/en/conf/ulistate>

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| Name | MM3-4FLM4 |
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| | Media module for MICE Switches (MS...),10BASE-FL multi-mode F/O |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Media module for MICE Switches (MS...), 10BASE-FL multi-mode F/O |
| Port type and quantity | 4 x 10BASE-FL, MM cables, ST (BFOC) sockets |
| Type | MM3-4FLM4 |
| Order No. | 943 760-101 |
| Network size - length of cable | |
| Multimode fiber (MM) 50/125 µm | 0 - 2300 m 10 dB link budget at 850 nm A = 3 dB/km, 3 dB reserve, B = 400 MHz x km |
| Multimode fiber (MM) 62.5/125 µm | 0 - 3100 m 13 dB link budget at 850 nm A = 3.2 dB/km, 3 dB reserve, B = 200 MHz x km |
| 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 |
| Storage/transport temperature | -25 °C to +70 °C |
| Relative humidity (non-condensing) | 10% to 95% |
| MTBF | 49.8 years; MIL-HDBK 217F; Gb 25 °C |
| Mechanical construction | |
| Dimensions (W x H x D) | 38 mm x 134 mm x 118 mm |
| Mounting | Backplane |
| Weight | 180 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

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|---|---------------------------------------|
| Safety of industrial control equipment | cUL 508 |
| Hazardous locations | ISA 12.12.01 Class 1 Div. 2 (pending) |
| 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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