

Product: [MTM8000-48F2X-S](#) 

MAMMUTHUS Media Module for MTS8000 Series Switch



Product Description

Media module for MTS8000 series modular switch, layer 3 forwarding card

Technical Specifications

Product description

| | |
|-------------------------|---|
| Type: | MTM8000-48F2X-S |
| Description: | Media module for MTS8000 series modular switch, layer 3 forwarding card |
| Part Number: | 942999806 |
| Port type and quantity: | 48 × 100M/1000M SFP slots, 2 × 1/10G SFP+ slots |

Power requirements

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|--------------------|-------------------------|
| Operating Voltage: | Power supply via switch |
| Power consumption: | 130W |

Ambient conditions

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| Permissible Humidity (Storage/Transport): | 5% to 95% |
| Operating temperature: | 0-+55 °C |
| Storage/transport temperature: | -40-+70 °C |
| Relative humidity (non-condensing): | 10-90 % |

Mechanical construction

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|---------|---------|
| Width: | 437 mm |
| Height: | 46 mm |
| Depth: | 402 mm |
| Weight: | 4.44 kg |

Mechanical stability

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| IEC 60068-2-6 vibration: | 1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min |
| IEC 60068-2-27 shock: | 15 g, 11 ms duration, 18 shocks |

EMC interference immunity

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|--|---|
| EN 61000-4-2 electrostatic discharge (ESD): | 4 kV contact discharge, 8 kV air discharge |
| EN 61000-4-3 electromagnetic field: | 10V/m (80-1000MHz), 3V/m (1000-6000MHz) |
| 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), 1 kV data line |
| EN 61000-4-6 Conducted Immunity: | 10 V (150 kHz-80 MHz) |
| EN 61000-4-8 power freq magnetic field: | 30A/m |
| EN 61000-4-11 voltage dips, short interrupt: | 0%(20ms), 40%(300ms), 70%(500ms), 0%(5s) |

EMC emitted immunity

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|---------------|----------------------|
| EN 55032: | EN 55032 Class A |
| EN 61000-3-2: | EN 61000-3-2 Class A |
| EN 61000-3-3: | EN 61000-3-3 |

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|--------------------|----------------------------|
| FCC CFR47 Part 15: | FCC 47CFR Part 15, Class A |
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Approvals

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|-----------------------------------|--|
| FCC: | CE/FCC Compliant |
| China Network Access Certificate: | Compliant |
| Common Criteria: | EAL 2+ |
| RoHS Compliant: | RoHS ((EU) 2015/863) and RoHS (GB/T26572-2011) compliant |

Scope of delivery and accessories

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|----------------------------------|--------------|
| Accessories to Order Separately: | SFP |
| Scope of delivery: | Media module |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.56 Revision Date: 09-07-2023 |
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