HIRSCHMANN
A BELDEN BRAND

# Product: MTM8000-4QSFP28-A



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: | MTM8000-4QSFP28-A |
| Name: | MTM8000-4QSFP28-A |
| Description: | Media module for MTS8000 series modular switch, layer 3 forwarding card |
| Part Number: | 942999800 |
| Port Type and Quantity: | 4 × 100G QSFP28 slots |

### Power requirements

| | |
|---|---|
| Operating Voltage: | Power supply via switch |
| Power Consumption: | 133W |

### Ambient conditions

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

### Mechanical construction

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|---|---|
| Overall Width: | 437 mm |
| Overall Height: | 46 mm |
| Overall Depth: | 402 mm |
| Weight: | 3.6 kg |

### Mechanical stability

| | |
|---|---|
| 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

| | |
|---|---|
| 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 voltagedips,shortinterrupt: | 0%(20ms), 40%(300ms), 70%(500ms), 0%(5s) |

### EMC emitted immunity

| | |
|---|---|
| EN 55032: | EN 55032 Class A |

| | |
|---|---|
| EN 61000-3-2: | EN 61000-3-2 Class A |
| EN 61000-3-3: | EN 61000-3-3 |
| FCC CFR47 Part 15: | FCC 47CFR Part 15, Class A |

## Approvals

| | |
|---|---|
| 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

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

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.21 Revision Date: 04-24-2026 |

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