# Product: MTM8000-SF-16F16X-S [ᄌ] <br> MAMMUTHUS Hybrid Card for MTS8000 Series Switch 

## Product Description

Hybrid card for MTS8000 series modular switch, standard switch fabric unit with $16 \times 100 \mathrm{M} / 1000 \mathrm{M}$ SFP slots and $16 \times 1 / 10 \mathrm{G}$ SFP+ slots

## Technical Specifications

Product description

| Type: | MTM8000-SF-16F16X-S |
| :---: | :---: |
| Description: | Hybrid card for MTS8000 series modular switch, standard switch fabric unit with $16 \times 100 \mathrm{M} / 1000 \mathrm{M}$ SFP slots and $16 \times 1 / 10 \mathrm{SFP}+$ slots |
| Part Number: | 942999796 |
| Port type and quantity: | $16 \times 100 \mathrm{M} / 1000 \mathrm{M}$ SFP slots and $16 \times 1 / 10 \mathrm{G}$ SFP+ slots |
| Power requirements |  |
| Operating Voltage: | Power supply via switch |
| Power consumption: | 112W |
| Ambient conditions |  |
| Permissible Humidity (Storage/Transport): | 5\% to 95\% |
| Operating temperature: | $0-+55^{\circ} \mathrm{C}$ |
| Storage/transport temperature: | $-40-+70{ }^{\circ} \mathrm{C}$ |
| Relative humidity (non-condensing): | 10-90 \% |

Mechanical construction

| Width: | 437 mm |
| :---: | :---: |
| Height: | 46 mm |
| Depth: | 402 mm |
| Weight: | 3.34 kg |

Mechanical stability

| IEC 60068-2-6 vibration: | $1 \mathrm{~mm}, 2 \mathrm{Hz-13.2} \mathrm{Hz} ,90 \mathrm{~min} . ; 0.7 \mathrm{~g}, 13.2 \mathrm{~Hz}-100 \mathrm{~Hz}, 90 \mathrm{~min} . ; 3.5 \mathrm{~mm}, 3 \mathrm{Hz-9} \mathrm{~Hz}, 10 \mathrm{cycles}, 1$ octave/min.; $1 \mathrm{~g}, 9 \mathrm{~Hz}-150 \mathrm{~Hz}, 10 \mathrm{cycles}, 1 \mathrm{octave} / \mathrm{min}$ |
| :---: | :---: |
| IEC 60068-2-27 shock: | $15 \mathrm{~g}, 11 \mathrm{~ms}$ 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: | $10 \mathrm{~V} / \mathrm{m}(80-1000 \mathrm{MHz}), 3 \mathrm{~V} / \mathrm{m}(1000-6000 \mathrm{MHz})$ |
| 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), 1 kV data line |
| EN 61000-4-6 Conducted Immunity: | $10 \mathrm{~V}(150 \mathrm{kHz}-80 \mathrm{MHz})$ |
| EN 61000-4-8 power freq magnetic field: | 30A/m |
| EN 61000-4-11 voltagedips,shortinterrupt: | 0\%(20ms), $40 \%$ (300ms), $70 \%(500 \mathrm{~ms}), 0 \%$ (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 |

## 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: 0.56 Revision Date: 09-07-2023

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regulations based on their individual usage of the product.

