HIRSCHMANN IT
A BELDEN BRAND

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
Name:	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

Operating Voltage:	Power supply via switch
Power Consumption:	130W

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

Overall Width:	437 mm
Overall Height:	46 mm
Overall Depth:	402 mm
Weight:	4.44 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: 0.64 Revision Date: 04-24-2026

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