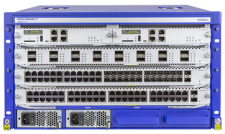
HIRSCHMANN IT
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Product: MTS8003-Chassis



MAMMUTHUS Layer3 Modular Core Switch - MTS8000 Series Switch

Product Description

6U rack mount, dual engine, 3 × media modules, 4 × modular PSUs, 2 × fan trays

Technical Specifications

Product description

Type:	MTS8003-Chassis
Name:	MTS8003-Chassis
Description:	6U rack mount, dual engine, 3 × media modules, 4 × modular PSUs, 2 × fan trays
Part Number:	942999801
Port Type and Quantity:	2 × engine slots, 3 × media module slots
Engine Redundancy:	Yes
Heat Radiation Type:	2 × modular redundant fan trays, hot swappable, 2 × fan trays are mandatory for MTS8003-Chassis

More Interfaces

Power Supply:	4 × modular redundant PSUs, hot swappable, Min. 1 × PSU, Max. 4 × PSUs

Power requirements

Operating Voltage:	100-240VAC, 50-60HZ

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:	440 mm
Overall Height:	266 mm
Overall Depth:	430 mm
Weight:	16.2 kg
Mount Type:	Rack mount

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:	Engine, media module, switch fabric, hybrid card, PSU, fan tray, SFP, Network Management Industrial HiVision
Scope of delivery:	Device, console cable, installation package, "*Power cord does not included in the package

History

Update and Revision:	Revision Number: 0.65 Revision Date: 10-13-2026

Variants

Item #	Type
942999801	MTS8003-Chassis

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