

Product: MSM20-S2S2T1T1SZ9HH9E99.9.99

Configurator: MSM - Media Module for MSP configurator

Configurator Description

The variety of transmission media and range of connector versions ensure an optimum degree of flexibility and application coverage. Any combination of the hot-swappable media modules may be used to attain the desired port density/type on a MICE Switch Power switch. The sole limitation is the number of media module slots on a switch (one media module per slot).

Technical Specifications

Product description

Description	Fast Ethernet Media Module for PowerMICE Switches (MSP) , Standard Ethernet media modul
Port Type and Quantity	Port 1: 100BASE-FX, SM-SC; Port 2: 100BASE-FX, SM-SC; Port 3: 10/100BASE-TX, RJ45; Port 4: 10/100BASE-TX, RJ45

Network size - length of cable

Twisted pair (TP)	Port 3: 0-100 m Port 4: 0-100 m
Single mode fiber (SM) 9/125 µm	Port 1: 0-32.5 km, 16 dB link budget at 1300 nm, A = 0.4 dB/km, 3 dB reserve, D = 3.5 ps/(nm x km) Port 2: 0-32.5 km, 16 dB link budget at 1300 nm, A = 0.4 dB/km, 3 dB reserve, D = 3.5 ps/(nm x km)

Power requirements

Operating Voltage	Power supply via the backplane of the MSP switch
Power Consumption	4 W
Power output in BTU (IT)/h	14

Software

Diagnostics	LEDs (power, mode, link/data)

Ambient conditions

Operating temperature	0-+60
Minimum Storage Temperature	-40-+85 °C
Relative humidity (non-condensing)	5-95 %

Mechanical construction

Dimensions (WxHxD)	38 mm × 133 mm × 118 mm
Weight	201 g
Mount Type	Backplane
IP Protection Rating	IP20

Mechanical stability

IEC 60068-2-6 vibration	5 Hz - 8.4 Hz with 3.5 mm amplitude; 8.4 Hz-150 Hz with 1 g
IEC 60068-2-27 shock	15 g, 11 ms duration

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 V/m (80 MHz-3000 MHz)
EN 61000-4-4 fast transients (burst)	± 2 kV power line; ± 4 kV data line
EN 61000-4-5 surge voltage	power line: ± 2 kV (line/earth), ± 1 kV (line/line); data line: ± 1 kV (line/earth)

EN 61000-4-6 Conducted Immunity	10 V (150 kHz-80 MHz)

EMC emitted immunity

EN 55022	EN 55032 Class A
FCC CFR47 Part 15	FCC 47CFR Part 15, Class A

Approvals

Basis Standard	CE, EN61131, FCC
Safety of industrial control equipment	EN 60950
Transportation	NEMA TS2

Reliability

Guarantee	60 months (please refer to the "terms of guarantee or detailed information)"

Scope of delivery and accessories

Included Accessory ID (CV)	
Scope of delivery	Device, General safety instructions

Further Instructions

Product Documentation	https://www.doc.hirschmann.com/index.html
Certificates	https://www.doc.hirschmann.com/certificates.html
Software Download	https://my.belden.com/s/downloads

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