



**Product:** MSM40-T1T1T1T1SX9HH9E99.9.99

**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            | Gigabit Ethernet media module for PowerMICE Switch (MSP) , Standard Ethernet media modul                                               |
| Port type and quantity | Port 1: 10/100/1000BASE-TX, RJ45; Port 2: 10/100/1000BASE-TX, RJ45; Port 3: 10/100/1000BASE-TX, RJ45; Port 4: 10/100/1000BASE-TX, RJ45 |

### Network size - length of cable

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Twisted pair (TP) | Port 1: 0-100 m Port 2: 0-100 m Port 3: 0-100 m Port 4: 0-100 m |
|-------------------|-----------------------------------------------------------------|

### Power requirements

|                            |                                                  |
|----------------------------|--------------------------------------------------|
| Operating Voltage          | Power supply via the backplane of the MSP switch |
| Power consumption          | 3 W                                              |
| Power output in BTU (IT)/h | 10                                               |

### Software

|             |                               |
|-------------|-------------------------------|
| Diagnostics | LEDs (power, mode, link/data) |
|-------------|-------------------------------|

### Ambient conditions

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

### Mechanical construction

|                    |                         |
|--------------------|-------------------------|
| Dimensions (WxHxD) | 38 mm × 133 mm × 118 mm |
| Weight             | 193 g                   |
| Mounting           | Backplane               |
| Protection class   | 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                         | C-Tick EN61131                     |
| Safety of industrial control equipment | EN 60950; cUL508, UL60950          |
| Hazardous locations                    | ISA-12.12.-01 Class 1 Div. 2 Group |
| Transportation                         | NEMA TS2                           |

Reliability

|           |                                                                             |
|-----------|-----------------------------------------------------------------------------|
| Guarantee | 60 months (please refer to the terms of guarantee for detailed information) |
|-----------|-----------------------------------------------------------------------------|

Scope of delivery and accessories

|                   |                                     |
|-------------------|-------------------------------------|
| Scope of delivery | Device, General safety instructions |
|-------------------|-------------------------------------|

Further Instructions

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Product Documentation | <a href="https://www.doc.hirschmann.com/index.html">https://www.doc.hirschmann.com/index.html</a>               |
| Certificates          | <a href="https://www.doc.hirschmann.com/certificates.html">https://www.doc.hirschmann.com/certificates.html</a> |

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