



## Part Number: M1-8TP-RJ45

Media module (8 x 10/100BaseTX RJ45) for MACH102

### Product Description

8 x 10/100BaseTX RJ45 port media module for modular, managed, Industrial Workgroup Switch MACH102

### Technical Specifications

#### Product description

|              |                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------|
| Description: | 8 x 10/100BaseTX RJ45 port media module for modular, managed, Industrial Workgroup Switch MACH102 |
| Part Number: | 943 970-001                                                                                       |

#### Network size - length of cable

|                    |         |
|--------------------|---------|
| Twisted pair (TP): | 0-100 m |
|--------------------|---------|

#### Power requirements

|                               |     |
|-------------------------------|-----|
| Power consumption:            | 2 W |
| Power output in Btu (IT) / h: | 7   |

#### Ambient conditions

|                                     |              |
|-------------------------------------|--------------|
| MTBF (MIL-HDBK 217F: Gb 25 °C):     | 169.95 Years |
| Operating temperature:              | 0-50 °C      |
| Storage/transport temperature:      | -20-+85 °C   |
| Relative humidity (non-condensing): | 10-95 %      |

#### Mechanical construction

|                   |              |
|-------------------|--------------|
| Weight:           | 210 g        |
| Mounting:         | Media Module |
| Protection class: | IP20         |

#### 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 (80-2700 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), 4 kV data line |
| EN 61000-4-6 Conducted Immunity:            | 10 V (150 kHz-80 MHz)                                           |

#### EMC emitted immunity

|                    |                            |
|--------------------|----------------------------|
| EN 55022:          | EN 55022 Class A           |
| FCC CFR47 Part 15: | FCC 47CFR Part 15, Class A |

#### Approvals

|                                             |             |
|---------------------------------------------|-------------|
| Safety of industrial control equipment:     | cUL 508     |
| Safety of information technology equipment: | cUL 60950-1 |

#### Scope of delivery and accessories

|                    |                           |
|--------------------|---------------------------|
| Scope of delivery: | Media module, user manual |
|--------------------|---------------------------|

**Variants**

| Item #    |
|-----------|
| 943970001 |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.36 Revision Date: 09-30-2019 |
|----------------------|-------------------------------------------------|

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