



**Product:** [SPIDER 5TX](#) 

Unmanaged 5-port Switch

### Product Description

Unmanaged Industrial Ethernet DIN Rail Mount Switch, store and forward switching mode, 5 x 10/100 Mbit/s RJ45

### Technical Specifications

#### Product description

|                         |   |
|-------------------------|---|
| Description:            | Entry Level Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet and Fast-Ethernet (10/100 Mbit/s) |
| Part Number:            | 943 824-002   |
| Port type and quantity: | 5 x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity                                 |

#### More Interfaces

|                                 |   |
|---------------------------------|---|
| Power supply/signaling contact: | 1 x plug-in terminal block, 3-pin, no signaling contact |
|---------------------------------|---|

#### Network size - length of cable

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

#### Network size - cascading

|                         |     |
|-------------------------|-----|
| Line - / star topology: | any |
|-------------------------|-----|

#### Power requirements

|                                 |                                      |
|---------------------------------|--------------------------------------|
| Current consumption at 24 V DC: | Max. 100 mA                          |
| Operating Voltage:              | 9,6 V DC - 32 V DC                   |
| Power consumption:              | Max. 2,2 W 7,5 Btu (IT)/h at 24 V DC |

#### Diagnostics features

|                       |  |
|-----------------------|--|
| Diagnostic functions: | LEDs (power, link status, data, data rate) |
|-----------------------|--|

#### Ambient conditions

|                                     |             |
|-------------------------------------|-------------|
| MTBF (MIL-HDBK 217F: Gb 25 °C):     | 123.7 Years |
| Operating temperature:              | 0-+60 °C    |
| Storage/transport temperature:      | -40-+70 °C  |
| Relative humidity (non-condensing): | 10-95 %     |

#### Mechanical construction

|                         |                        |
|-------------------------|------------------------|
| Dimensions (W x H x D): | 25 mm x 114 mm x 79 mm |
| Weight:                 | 113 g                  |
| Mounting:               | DIN Rail               |
| Protection class:       | IP30                   |

#### Mechanical stability

|                          |   |
|--------------------------|---|
| IEC 60068-2-6 vibration: | 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1g, 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): | 6 kV contact discharge, 8 kV air discharge                      |
| EN 61000-4-3 electromagnetic field:         | 10 V/m (80-1000 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), 1 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 |
|---|---------|

## Scope of delivery and accessories

### Variants

| Item #    |
|-----------|
| 943824002 |

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.69 Revision Date: 08-07-2020 |
|----------------------|---|

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