




Product information RS2-5TX

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:RS2-Switches:RS2-5TX

<http://e-catalog.hirschmann.com/link/57078-24455-49855-351756-34216/en/conf/ulistate>

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| Name | RS2-5TX |
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| | Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s) |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Unmanaged Industrial ETHERNET Rail Switch, store and forward switching mode, Ethernet (10 Mbit/s) and Fast-Ethernet (100 Mbit/s) |
| Port type and quantity | 5 x 10/100Base-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity |
| Type | RS2-5TX |
| Order No. | 943 732-003 |
| More interfaces | |
| Power supply/signaling contact | 1 plug-in terminal block, 5-pin / no signal contact |
| Network size - length of cable | |
| Twisted pair (TP) | 0 - 100 m |
| Network size - cascading | |
| Line - / star topology | any |
| Power requirements | |
| Operating voltage | 24 V DC (-25% to +30%) |
| Current consumption at 24 V DC | max. 130 mA |
| Power consumption | max. 2,6 W at 24 V DC |
| Service | |
| Diagnostics | LEDs (power, link status, data, error) |
| Redundancy | |
| Redundancy functions | redundant 24 V power supply |
| Ambient conditions | |
| Operating temperature | 0 °C to +60 °C |
| Storage/transport temperature | -25 °C to +70 °C |
| Relative humidity (non-condensing) | 10% to 95% |
| MTBF | 116.3 years; MIL-HDBK 217F: Gb 25 °C |
| Mechanical construction | |
| Dimensions (W x H x D) | 40 mm x 145 mm x 80 mm |
| Mounting | DIN Rail 35 mm |
| Weight | 520 g |
| Protection class | IP 20 |
| Mechanical stability | |
| IEC 60068-2-27 shock | 15 g, 11 ms duration, 18 shocks |
| 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. |
| 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 - 1000 MHz) |
| EN 61000-4-4 fast transients (burst) | 2 kV power line, 1 kV data line |
| EN 61000-4-5 surge voltage | power line: 1 kV (line/earth), 0.5 kV (line/line), 1 kV data line |
| EN 61000-4-6 conducted immunity | 10 V (150 kHz - 80 MHz) |
| EMC emitted immunity | |
| FCC CFR47 Part 15 | FCC CFR47 Part 15 Class A |
| EN 55022 | EN 55022 Class A |



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Approvals

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|---|---|
| Safety of industrial control equipment | cUL 508 |
| Hazardous locations | ISA 12.12.01 Class 1 Div. 2 |
| Scope of delivery and accessories | |
| Scope of delivery | device, terminal block, operating manual |
| Accessories to order separately | rail power supply RPS 30, RPS 80 EEC or RPS 120 EEC, 19" installation frame |

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