



Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-PL-20-05T1999999TY9HHHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III - Standard Line (SL) and Premium Line (PL)

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| Name | | SPIDER III - Standard Line (SL) and Premium Line (PL) |
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| | | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100 Mbit/s Ethernet |
| Delivery informations | | |
| Availability | available | |
| Product description | | |
| Description | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100 Mbit/s Ethernet | |
| Port type and quantity | 5x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity | |
| Type | SPIDER-PL-20-05T1999999TY9HHHH | |
| Order No. | 942 141-016 | |
| More Interfaces | | |
| Power supply/signaling contact | 1 x plug-in terminal block, 6-pin | |
| USB interface | 1 x USB for configuration | |
| Network size - length of cable | | |
| Twisted pair (TP) | 0 m ... 100 m | |
| Network size - cascading | | |
| Line - / star topology | any | |
| Power requirements | | |
| Operating voltage | 12/24 V DC (9,6 - 32 V DC), redundant | |
| Current consumption at 24 V DC | Max. 93 mA | |
| Power consumption | Max. 2,4 W, 8,0 Btu (IT) h | |
| Ambient conditions | | |
| Operating temperature | -40 °C ... 70 °C | |
| Storage/transport temperature | -40 °C ... 85 °C | |
| Relative humidity (non-condensing) | 0 % ... 95 % | |
| MTBF (Telcordia) | 1.363.990 hours; Telcordia SR-332; Gb 25°C | |
| Mechanical construction | | |
| Dimensions (W x H x D) | 39 x 135 x 117 mm (w/o terminal block) | |
| Mounting | DIN Rail | |
| Weight | 430 g | |
| Protection class | IP40 (metal housing) | |
| Mechanical stability | | |
| IEC 60068-2-27 shock | 15 g, 11 ms duration, 18 shocks | |
| IEC 60068-2-6 vibration | 3.5 mm, 5-8.4 Hz, 10 cycles, 1 octave/min; 1 g, 8.4-150 Hz, 10 cycles, 1 octave/min | |
| Configurable parameters | | |
| Configurable parameters | Global settings: power supply unit alarm, aging time, QoS 802.1p mapping, QoS DSCP mapping; Port settings: flow control, port admin state, broadcast storm protection/threshold, multicast storm protection/threshold, QoS Trust Mode, port based priority, link alarm; TX port settings: auto-negotiation, speed, duplex mode, auto-crossing, MDI state, energy efficient ethernet; FX port settings: duplex mode | |
| 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, 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 | | |
| FCC CFR47 Part 15 | FCC 47 CFR Part 15 Class A | |



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|---|--|
| EN 55022 | EN 55022 Class A |
| Service | |
| Diagnostics | LEDs (power, link status, data, data rate) |
| Approvals | |
| Safety of industrial control equipment | cUL61010 |
| Scope of delivery and accessories | |
| Scope of delivery | Device, terminal block, safety instruction |
| Accessories | Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting 40mm - order nr. 942 177-001, wall mounting plate for DIN rail mounting 70mm - order nr. 942 177-002 |

For more information please contact:

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