



## Product information SPIDER III - SPIDER-SL-20-08T1999999SY9HHHH

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III

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|--|--|
| Name                                       | SPIDER III   |
|  |                                     |
|  | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100 Mbit/s Ethernet |
| <b>Delivery informations</b>               |  |
| Availability                               | available  |
| <b>Product description</b>                 |  |
| Description                                | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100 Mbit/s Ethernet |
| Port type and quantity                     | 8x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity                             |
| Type                                       | SPIDER-SL-20-08T1999999SY9HHHH   |
| Order No.                                  | 942 132-002  |
| <b>More interfaces</b>                     |  |
| Power supply/signaling contact             | 1 x plug-in terminal block, 3-pin  |
| <b>Network size - length of cable</b>      |  |
| Twisted pair (TP)                          | 0 m ... 100 m  |
| <b>Network size - cascability</b>          |  |
| Line - / star topology                     | any  |
| <b>Power requirements</b>                  |  |
| Operating voltage                          | 12/24 V DC (9.6 - 32 V DC)   |
| Current consumption at 24 V DC             | Max. 63 mA   |
| Power consumption                          | Max. 1.5 W, 5.3 Btu (IT) h   |
| <b>Ambient conditions</b>                  |  |
| Operating temperature                      | 0 °C ... 60 °C   |
| Storage/transport temperature              | -40 °C ... 70 °C   |
| Relative humidity (non-condensing)         | 0 % ... 95 %   |
| MTBF (Telcordia)                           | 2.218.157 hours; Telcordia SR-332; Gb 25°C   |
| <b>Mechanical construction</b>             |  |
| Dimensions (W x H x D)                     | 38 x 102 x 79 mm (w/o terminal block)  |
| Mounting                                   | DIN Rail   |
| Weight                                     | 150 g  |
| Protection class                           | IP30   |
| <b>Mechanical stability</b>                |  |
| 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                                  |
| <b>EMC interference immunity</b>           |  |
| 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)  |
| <b>EMC emitted immunity</b>                |  |
| FCC CFR47 Part 15                          | FCC 47 CFR Part 15 Class A   |
| EN 55022                                   | EN 55022 Class A   |
| <b>Service</b>                             |  |
| Diagnostics                                | LEDs (power, link status, data, data rate)   |
| <b>Approvals</b>                           |  |
| Safety of industrial control equipment     | UL61010-1/-2-201   |

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**Scope of delivery and accessories**

|                          |   |
|--------------------------|---|
| <b>Scope of delivery</b> | Device, terminal block, safety instruction  |
| <b>Accessories</b>       | 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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