




## Product information SPIDER III - SPIDER-SL-20-05T1999999SY9HHHH

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

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-437329-458868/en/SPIDER-SL-20-05T1999999SY9HHHH/ui/state>

|  |  |
|--|--|
| 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                     | 5x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity                             |
| Type                                       | SPIDER-SL-20-05T1999999SY9HHHH   |
| Order No.                                  | 942 132-001  |
| <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 - cascading</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. 55 mA   |
| Power consumption                          | Max. 1.3 W, 4.6 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 %   |
| <b>Mechanical construction</b>             |  |
| Dimensions (W x H x D)                     | 26 x 102 x 79 mm (w/o terminal block)  |
| Mounting                                   | DIN Rail   |
| Weight                                     | 120 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   |
| <b>Scope of delivery and accessories</b>   |  |
| Scope of delivery                          | Device, terminal block, safety instruction   |



# HIRSCHMANN

A BELDEN BRAND

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

<https://www.e-catalog.beldensolutions.com:443/link/57078-24455-49855-437329-458868/en/SPIDER-SL-20-05T1999999SY9HHHHH/uistate>

**Accessories**

Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting (width 40/70 mm)

For more information please contact:

**Hirschmann Automation and Control GmbH**

Stuttgarter Strasse 45-51

72654 Neckartenzlingen

Germany

Phone: +49 7127/14-1809

E-Mail: [inet-sales@belden.com](mailto:inet-sales@belden.com)

The information published in the websites has been compiled as carefully as possible. It is subject to alteration without notice in technical as well as in price-related/commercial respect. The complete information and data were available on user documentation. Mandatory information can only be obtained by a concrete query.