## Product information

**SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-SL-20-08T1999999SY9HHHH**

### 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
- **8x 10/100BASE-TX**, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity

### Type
- **SPIDER-SL-20-08T1999999SY9HHHH**

### Order No.
- **942 132-002**

### More interfaces
- **Power supply/signaling contact**: 1 x plug-in terminal block, 3-pin

### Network size - length of cable
- **Twisted pair (TP)**: 0 m ... 100 m

### Network size - cascadibility
- **Line - / star topology**: any

### Power requirements
- **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

### Ambient conditions
- **Operating temperature**: 0 ºC ... 60 ºC
- **Storage/transport temperature**: -40 ºC ... 70 ºC
- **Relative humidity (non-condensing)**: 0 % ... 95 %
- **MTBF (Telcordia)**: 2.218.157 hours; Telcordia SR-332; t₀ 25°C

### Mechanical construction
- **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

### 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

### 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
- **EN 55022**: EN 55022 Class A

### Approvals
- **Diagnostics**: LEDs (power, link status, data, data rate)
- **Safety of industrial control equipment**: cUL61010
## Scope of delivery and accessories

<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Scope of delivery</strong></td>
<td>Device, terminal block, safety instruction</td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td>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</td>
</tr>
</tbody>
</table>

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

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.