



Product: SPIDER-SL-44-08T1999999TY9HHHH

Configurator: SPIDER-SL-44-08T1999999TY9HHHH

Configurator Description

Reliably transmit large amounts of data across any distance with the SPIDER III family of industrial Ethernet switches. These unmanaged switches have plug-and-play capabilities to allow for quick installation and startup - without any tools - to maximize uptime.

Technical Specifications

Product description

| | |
|------------------------|--|
| Description | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode , Full Gigabit Ethernet with PoE+ |
| Port type and quantity | 8 x 10/100/1000BASE-T, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity , thereof 8x PoE+ ports |

More Interfaces

| | |
|--------------------------------|-----------------------------------|
| Power supply/signaling contact | 1 x plug-in terminal block, 4-pin |
|--------------------------------|-----------------------------------|

Network size - length of cable

| | |
|-------------------|-----------|
| Twisted pair (TP) | 0 - 100 m |
|-------------------|-----------|

Network size - cascading

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|------------------------|-----|
| Line - / star topology | any |
|------------------------|-----|

Power requirements

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|----------------------------|---|
| Operating Voltage | 24/48 V DC (12 - 57 V DC / 12 - 18 V DC, derating output) |
| Power consumption | Max. 140.5 W with 120 W PoE output |
| Power output in BTU (IT)/h | Max. 70 |

Diagnostics features

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| Diagnostic functions | LEDs (power, link status, data, data rate) |
|----------------------|--|

Ambient conditions

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|------------------------------------|-----------------------|
| MTBF | 472.065 h (Telcordia) |
| Operating temperature | -40-+70 °C |
| Storage/transport temperature | -40-+85 °C |
| Relative humidity (non-condensing) | 10 - 95 % |

Mechanical construction

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|--------------------|--|
| Dimensions (WxHxD) | 62 x 130 x 144 mm (w/o terminal block) |
| Weight | 970 g |
| Mounting | DIN rail |
| Protection class | IP30 metal housing |

Mechanical stability

| | |
|-------------------------|--|
| 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 |
| IEC 60068-2-27 shock | 15 g, 11 ms duration, 18 shocks |

EMC interference immunity

| | |
|--|---|
| EN 61000-4-2 electrostatic discharge (ESD) | 4 kV contact discharge, 8 kV air discharge 4 kV contact discharge, 8 kV air discharge |
|--|---|

| | |
|--------------------------------------|---|
| EN 61000-4-3 electromagnetic field | 10V/m (80 – 3000 MHz) 10V/m (80 – 3000 MHz) |
| EN 61000-4-4 fast transients (burst) | 2kV power line; 4kV data line (SL-40-08T only 2kV data line) 2kV power line; 4kV data line (SL-40-08T only 2kV data line) |
| EN 61000-4-5 surge voltage | power line: 2kV (line/earth), 1kV (line/line); 1kV data line power line: 2kV (line/earth), 1kV (line/line); 1kV data line |
| EN 61000-4-6 Conducted Immunity | 10V (150 kHz - 80 MHz) 10V (150 kHz - 80 MHz) |

EMC emitted immunity

| | |
|-------------------|----------------------------|
| EN 55022 | EN 55032 Class A |
| FCC CFR47 Part 15 | FCC 47CFR Part 15, Class A |

Approvals

| | |
|--|-------------------------|
| Basis Standard | CE, FCC, EN61131 |
| Safety of industrial control equipment | cUL 61010-1/61010-2-201 |
| Railway norm | EN50121-4 |

Reliability

| | |
|-----------|---|
| Guarantee | 60 months (please refer to the terms of guarantee for detailed information) |
|-----------|---|

Scope of delivery and accessories

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|-------------------|--|
| Accessories | Rail Power Supply RPS 30/80 EEC/120 EEC (CC), Wall mounting plate for DIN rail mounting (width 40/70 mm) |
| Scope of delivery | Device, terminal block, safety instruction |

Further Instructions

| | |
|-----------------------|---|
| Product Documentation | https://www.doc.hirschmann.com/index.html |
| Certificates | https://www.doc.hirschmann.com/certificates.html |

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