


Product information

SPIDER III - SPIDER-PL-20-06T1Z6Z6Z6TX9HHHH

| Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III | |
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| https://e-catalog.hirschmann.com:443/link/57078-24455-49855-437329-461176/en/SPIDER-PL-20-06T1Z6Z6Z6TX9HHHH/ulistate | |
| Name | SPIDER III |
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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 | 6x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 3 x 100Mbit/s SFP |
| Type | SPIDER-PL-20-06T1Z6Z6Z6TX9HHHH |
| Order No. | 942141127 |
| More interfaces | |
| Power supply/signaling contact | 1 x plug-in terminal block, 6-pin |
| Network size - length of cable | |
| Twisted pair (TP) | 0 m ... 100 m |
| Multimode fiber (MM) 50/125 µm | 0 - 5000 m, 0 - 8 dB link budget (with M-FAST SFP-MM/LC) |
| Multimode fiber (MM) 62.5/125 µm | 0 - 4000 m, 0 - 11 dB link budget (with M-FAST SFP-MM/LC) |
| Single mode fiber (SM) 9/125 µm | 0 - 25 km, 0 - 13 dB link budget (with M-FAST SFP-SM/LC) |
| 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. 350 mA |
| Power consumption | Max. 9.0 W, 30.7 Btu (IT) h |
| Ambient conditions | |
| Operating temperature | -40 °C ... 60 °C |
| Storage/transport temperature | -40 °C ... 85 °C |
| Relative humidity (non-condensing) | 0 % ... 95 % |
| MTBF (Telcordia) | 1.025.704 hours; Telcordia SR-332; Gb 25°C |
| Mechanical construction | |
| Dimensions (W x H x D) | 56 x 135 x 117 mm (w/o terminal block) |
| Mounting | DIN Rail |
| Weight | 510 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) |



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EMC emitted immunity

FCC CFR47 Part 15 FCC 47 CFR Part 15 Class A

EN 55022 EN 55022 Class A

Service

Diagnostics LEDs (power, link status, data, data rate)

Approvals

Safety of industrial control equipment UL61010-1/-2-201

Hazardous locations ISA-12.12.-01 Class 1 Div. 2 Group

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 (width 40/70 mm)

For more information please contact:

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