



Product information SPIDER III - Standard Line (SL) and Premium Line (PL) - SPIDER-PL-20-24T1Z6Z699TY9HHHV

Industrial Ethernet:Unmanaged Industrial Ethernet Switches:SPIDER III-Switches:SPIDER III - Standard Line (SL) and Premium Line (PL)

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| Name | SPIDER III - Standard Line (SL) and Premium Line (PL) |
| | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration, Fast Ethernet |
| Delivery informations | |
| Availability | available |
| Product description | |
| Description | Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, USB interface for configuration, Fast Ethernet |
| Port type and quantity | 24x 10/100BASE-TX, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity, 2x 100Mbit/s SFP |
| Type | SPIDER-PL-20-24T1Z6Z699TY9HHHV |
| Order No. | SPIDER-PL-20-24T1Z6Z699TY9HHHV |
| 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 | 12/24/48 V DC (9.6 – 60 V DC), 24 V AC (19.2 – 28.8 V AC), redundant |
| Ambient conditions | |
| Operating temperature | -40 °C ... 70 °C |
| Storage/transport temperature | -40 °C ... 85 °C |
| Relative humidity (non-condensing) | 0 % ... 95 % |
| MTBF (Telcordia) | 2.614.619 hours; Telcordia SR-332; Gb 25°C |
| Mechanical construction | |
| Dimensions (W x H x D) | 94 x 163.5 x 114.7 mm (w/o terminal block) |
| Mounting | DIN Rail |
| Weight | 1140 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 |
| 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 |
| Service | |
| Diagnostics | LEDs (power, link status, data, data rate) |
| Approvals | |
| Safety of industrial control equipment | cUL 61010-1/61010-2-201 |
| Scope of delivery and accessories | |
| Scope of delivery | Device, terminal block, safety instruction |

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Accessories

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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