



## Product information SPIDER III - SPIDER-PL-40-05T199999TY9HHHH

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-PL-40-05T199999TY9HHHH/ulistate>

Name SPIDER III



Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100/1000 Mbit/s Ethernet

### Delivery informations

Availability available

### Product description

Description Unmanaged, Industrial ETHERNET Rail Switch, fanless design, store and forward switching mode, 10/100/1000 Mbit/s Ethernet

Port type and quantity 5x 10/100/1000BASE-T, TP cable, RJ45 sockets, auto-crossing, auto-negotiation, auto-polarity

Type SPIDER-PL-40-05T199999TY9HHHH

Order No. 942 141-019

### More interfaces

Power supply/signaling contact 1 x plug-in terminal block, 6-pin

USB interface 1 x USB for configuration

### Network size - length of cable

Twisted pair (TP) 0 m ... 100 m

### 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. 180 mA

Power consumption Max. 4.3 W, 14.8 Btu (IT) h

### Ambient conditions

Operating temperature -40 °C ... 70 °C

Storage/transport temperature -40 °C ... 85 °C

Relative humidity (non-condensing) 0 % ... 95 %

### Mechanical construction

Dimensions (W x H x D) 39 x 135 x 117 mm (w/o terminal block)

Mounting DIN Rail

Weight 440 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)

### EMC emitted immunity

FCC CFR47 Part 15 FCC 47 CFR Part 15 Class A

EN 55022 EN 55022 Class A



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<b>Service</b>	
<b>Diagnostics</b>	LEDs (power, link status, data, data rate)
<b>Approvals</b>	
<b>Safety of industrial control equipment</b>	UL61010-1/-2-201
<b>Scope of delivery and accessories</b>	
<b>Scope of delivery</b>	Device, terminal block, safety instruction
<b>Accessories</b>	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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