

SWITCH-5PORT-RAIL-001/01**Application**

SWITCH-5PORT-RAIL-001/01 is an Ethernet switch (slimline) with 5 ports for industrial use. It can be mounted on a top hat rail.

**Product Features****Technical Specifications**

- 10/100TX: 5 x RJ-45 with automatic MDI/MDI-X function
- Stable metal housing, IP30 degree of protection
- Mounting on the TH 35-7.5 top hat rail
- Overvoltage protection: DC 2000 V
- Supports DC 6000 V Ethernet ESD protection

Power supply

- AC 24 V (AC 9 V..40 V); 2.16 W
- DC 24 V (DC 9 V..60 V) with polarity protection; 1.0 A
- NOTE: Both power supplies can be combined.

LED displays

- PWR 1 (green)
- PWR 2 (green)
- 5 ports, 10/100 Mbps connection/active (green)
- Full duplex (yellow)
 - LED on: data transmission (100 Mbps)
 - LED off: no link or half duplex (10 Mbps)
- redundant power supply
 - LED PWR1 and PWR2 indicate whether a redundant power supply is available.
 - LED off: One of the two power supplies is inactive.

DIP switches

- --- on: Port 1 = half duplex
- --- off: (default) Port 1 = full duplex
- BSP on: enable broadcast storm protection
- BSP off: (default) disable broadcast storm protection

General Information**Dimensions**

- Width: 30 mm
- Depth: 68 mm
- Height: 115 mm

Environmental data

- Temperature range: -40 °C..+75 °C
- Ambient humidity: 5..95 %, non-condensing
- Storage temperature: -40 °C..+85 °C

Properties

- Packet storage space: 1 Mbit
- Packet forwarding rate: 0.8 Mpps
- Switching delay: <5 µs
- MAC address table: 2,000 entries

Protocols

- IEEE 802.3 type 10BASE-T Ethernet
- IEEE 802.3u 100BASE-TX

Security certificates

- FCC Class A
- CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN-61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-6-2
- IEC60068-2-32 (free fall), IEC60068-2-27 (shock), IEC60068-2-6 (vibration)
- UL

Änderungen vorbehalten - Contents subject to change - Sous réserve de modifications - Reservado el derecho a modificación - Wijzigingen voorbehouden - Con riserva di modifichie - Innehåll som skall ändras - Změny vyhrazeny - Zmiany zastrzeżone - Возможны изменения - A változtatások jogát fenntartjuk - 保留未经通知而改动的权力

