

SWITCH-8PORT-RAIL-001/01**Application**

SWITCH-8PORT-RAIL-001/01 is an Ethernet switch with 8 ports for industrial use. It can be mounted on a top hat rail.

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

- 10/100TX: 8 x RJ45 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); 2.64 W
- DC 24 V (DC 12 V..60 V) with polarity protection; 100 mA
- NOTE: Both power supplies can be combined.

LED displays

- PWR1 (green)
- PWR2 (green)
- 8 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 LED 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: 46 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: 2,048 entries

Protocols

- IEEE 802.3 type 10 Base-T Ethernet
- IEEE 802.3u type 100 Base-TX Fast Ethernet
- IEEE 802.1q VLAN
- IEEE 802.3x Full Duplex/Flow Control

Security certificates

- FCC Class A
- DIN EN61000-4-2 (ESD), DIN EN61000-4-3 (RS, A1, A2), DIN EN61000-4-4 (EFT), DIN EN61000-4-5 (surge), DIN EN61000-4-6 (CS), DIN EN61000-6-2, DIN EN 55022, Class A:2010

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

