SICO-8P-8T

SICO Industrial Switch, 8×GB RJ45-Ports, DC 9–48 V

Features

- 8 Gigabit copper ports
- Copper ports support 10/100/1000 Mbit/s with auto-negotiation; all ports support MDI/MDI-X
- Spannungsbereich: 9–48 V DC, doppelt redundante Stromversorgung
- Industrial EMC Level 4
- IP40 aluminum housing with sturdy, shock-resistant DIN-rail mounting bracket
- Suitable for operation at ambient temperatures from -40 °C to +85 °C

Description

The SICO-8P-8T is a rugged industrial switch with an extended temperature range, specifically designed for reliable operation in demanding applications such as intelligent transportation systems, highway infrastructure, smart cities, security solutions, renewable energy, and smart manufacturing.

Equipped with eight Gigabit Ethernet ports, the switch provides high data throughput and sufficient backplane capacity for stable, low-latency communication. This ensures smooth transmission of video, control, and process data even under high network load.

The rugged IP40 aluminum housing, vibration-resistant DIN-rail mounting, and high electromagnetic compatibility (EMC) enable reliable operation even under extreme environmental conditions. With an extended operating temperature range of -40 °C to +85 °C, the SICO-8P-8T is ideally suited for continuous use in harsh industrial environments where maximum stability and availability are required.

All names and symbols mentioned here are property of the respective manufacturer.
Printing errors, changes & errors excepted.

SICO-8P-8T

SICO Industrial Switch, 8×GB RJ45-Ports, DC 9–48 V

Technical Data

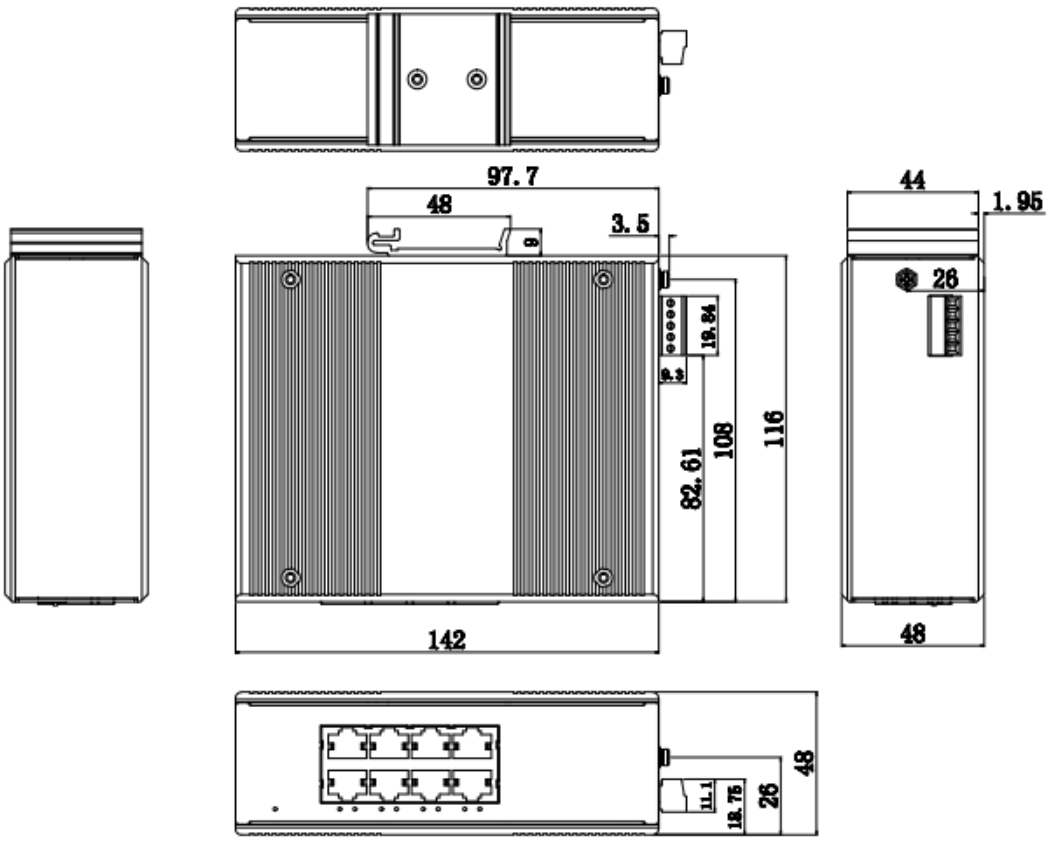
Parameter	Value
Applicable Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseT, IEEE 802.3ab 1000BaseT
Backplane Bandwidth	16 Gbit/s
MAC Address Table	2K
Copper Port	10/100/1000 Mbit/s, auto-negotiating, full-/half-duplex mode, MDI/MDI-X
Input Voltage	DC 9–48 V
Power Consumption at Full Load	4W
Housing	Aluminum housing, IP40
Dimensions	142 x 116 x 48 mm
Weight	720g
Mounting	DIN rail
Operating Temperature	-40 to +85 °C
Storage Temperature	-40 to +85 °C
Relative Humidity	5–95% (non-condensing)
EMS	IEC 61000-4-2 (ESD) Level 4, IEC 61000-4-4 (EFT) Level 4, IEC 61000-4-5 (Surge) Level 4
Vibration Resistance	IEC 60068-2-6
Shock Resistance	IEC 60068-2-27
Free Fall	IEC 60068-2-32
MTBF	500,000 h
Warranty	5 years

All names and symbols mentioned here are property of the respective manufacturer.
Printing errors, changes & errors excepted.

SICO-8P-8T

SICO Industrial Switch, 8×GB RJ45-Ports, DC 9–48 V

Dimensions (mm):



All names and symbols mentioned here are property of the respective manufacturer.
Printing errors, changes & errors excepted.

SICO-8P-8T

SICO Industrial Switch, 8×GB RJ45-Ports, DC 9–48 V

Contents:

- Switch
- Mounting Accessories
- User Manual
- Warranty & Declaration of Conformity

All names and symbols mentioned here are property of the respective manufacturer.
Printing errors, changes & errors excepted.