

SICO-10P-8T2F

SICO Industrial Switch, 2×GB SFP-Ports + 8×GB RJ45-Ports

Features

- 2 Gigabit SFP fiber ports and 4 Gigabit copper access ports
- Copper ports support 10/100/1000 Mbit/s with auto-negotiation; all ports support MDI/MDI-X
- One-button selector switch for VLAN isolation
- Input voltage range: 9–48 V DC, dual redundant power supply
- Industrial EMC Level 4
- IP40 aluminum housing with rugged, shock-resistant DIN-rail mounting bracket
- Suitable for operation at ambient temperatures from -40 °C to +85 °C



Description

The SICO-10P-8T2F is an industrial Gigabit switch for demanding applications such as intelligent transportation systems, smart cities, renewable energy, and industrial automation. With two Gigabit fiber uplinks and eight Gigabit copper ports, it provides high data rates and sufficient bandwidth for reliable data communication.

The rugged IP40 aluminum housing, vibration-resistant DIN-rail mounting, and high electromagnetic compatibility (EMC) ensure reliable operation even under harsh environmental conditions. Thanks to its extended temperature range of -40 °C to +85 °C, the switch is ideally suited for use in harsh industrial environments.

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Technical Data

Parameter	Value
Applicable Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseT, IEEE 802.3z 1000BaseFX, IEEE 802.3ab 1000BaseT
Backplane Bandwidth	20 Gbit/s
MAC Address Table	4K
Fiber Port	1000 Mbit/s (connector type: LC)
Copper Port	10/100 Mbit/s, auto-negotiating, full-/half-duplex mode, MDI/MDI-X supported
LED Indicators	PWR1, PWR2, L/A
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
Input Voltage	DC 48–57 V (redundant)
Power Consumption at Full Load	5,5W
Input Current	Up to 400 mA

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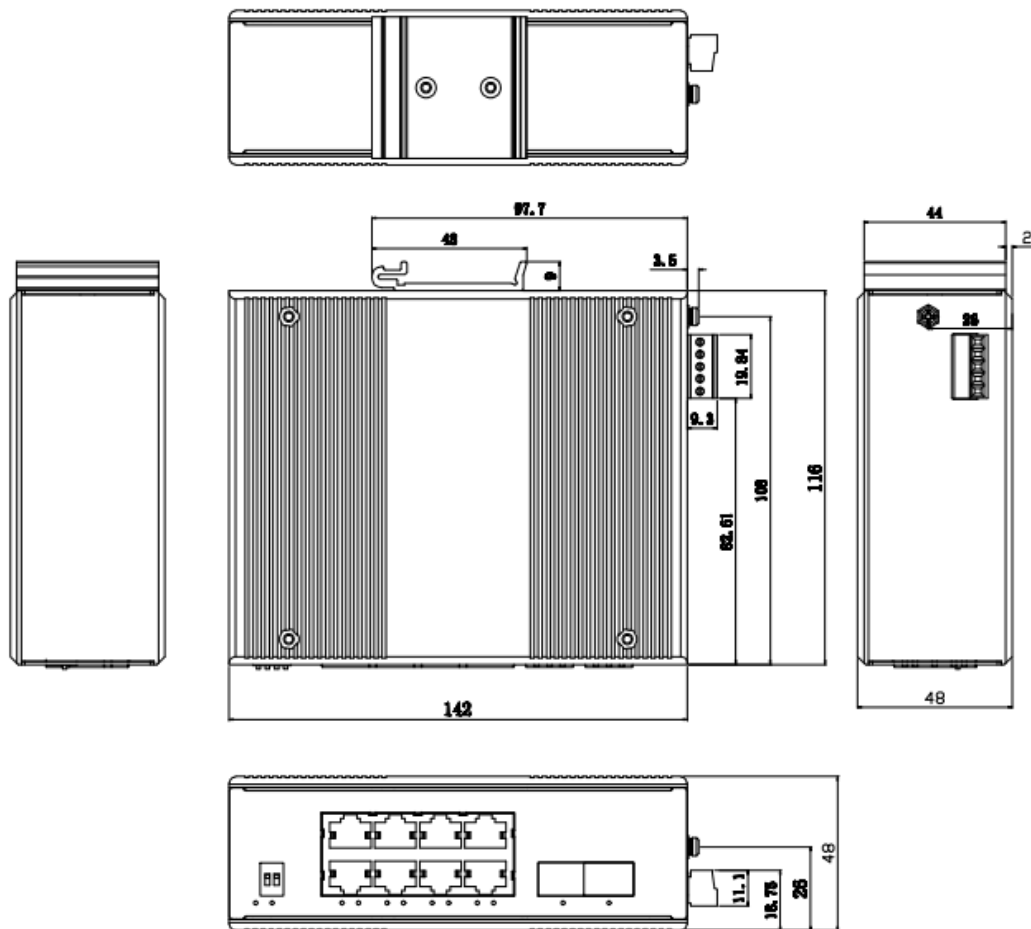
Technical Data

Parameter	Value
Warranty	5 years

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Dimensions (mm):



Description	Multimode	Single-mode
Wavelength	850 nm	1310 / 1550 nm
Maximum	-3 dBm	0 dBm
Minimum	-8 dBm	-10 dBm
Receiver Sensitivity	-19 dBm	-22 dBm
Maximum Link Budget	11 dB	12 dB
Distance	550 m	20 km

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Contents:

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