

SICO-6P-1T1F4P

SICO Industrial Switch, 5×GB RJ-Ports + 1×GB SFP-Slot

Features

- 1 Gigabit fiber uplink, 1 Gigabit copper uplink, and 4 Gigabit PoE copper 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 and forced 10 Mbit/s mode
- Input voltage range: 48–57 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-6P-1T1F4P is an industrial Gigabit switch for demanding applications such as intelligent transportation systems, smart cities, renewable energy, and industrial manufacturing. It features one Gigabit fiber uplink, one Gigabit copper uplink, and four Gigabit PoE copper ports, providing high data rates and sufficient bandwidth for reliable and smooth data transmission.

Its rugged IP40 aluminum housing, vibration-resistant DIN-rail mounting, and high electromagnetic compatibility (EMC) make the switch suitable for harsh industrial environments. The extended temperature range of -40 °C to +85 °C ensures stable and reliable operation even under extreme conditions.

SICO-6P-1T1F4P

SICO Industrial Switch, 5×GB RJ-Ports + 1×GB SFP-Slot

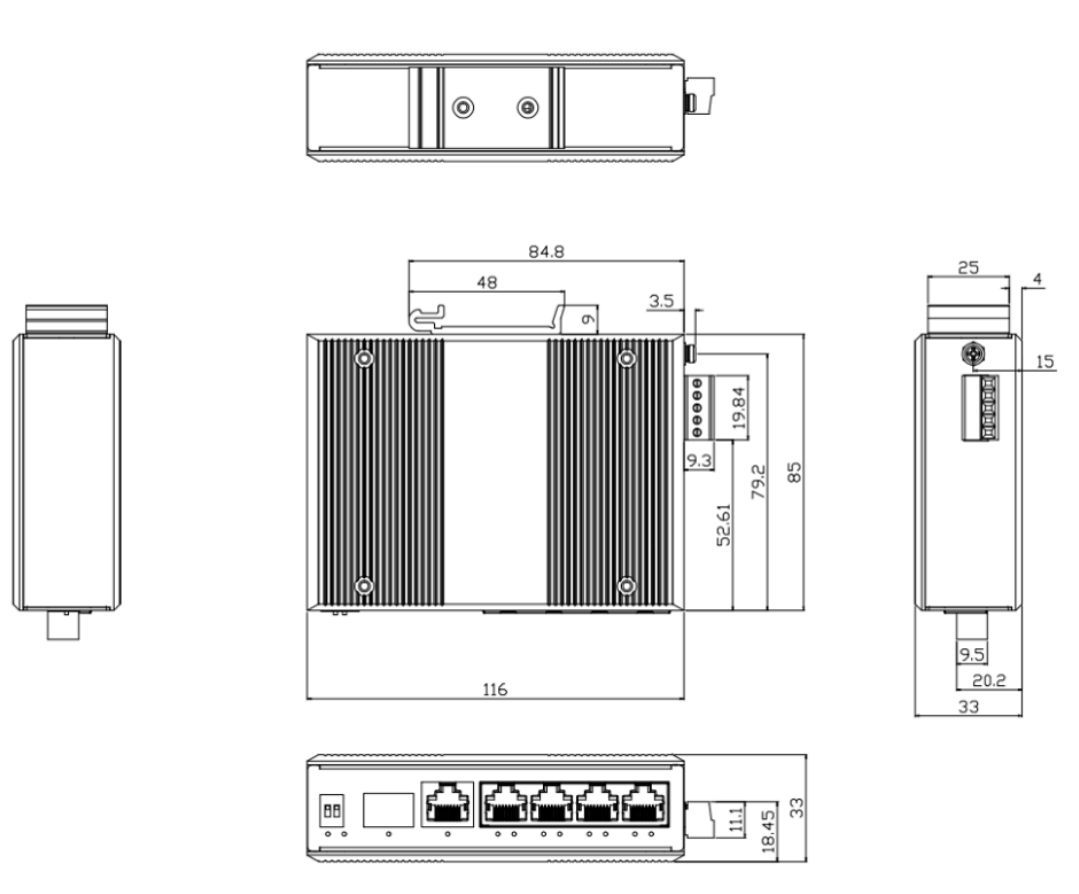
Technical Data

Parameter	Value
Applicable Standards	IEEE 802.3 10BaseT, IEEE 802.3u 100BaseT, IEEE 802.3z 1000BaseFX, IEEE 802.3ab 1000BaseT, IEEE 802.3af/802.3at PoE
Backplane Bandwidth	12 Gbit/s
MAC Address Table	2K
Fiber Port	1000 Mbit/s (connector type: LC)
Copper Port	10/100/1000 Mbit/s, auto-negotiating, full-/half-duplex mode, MDI/MDI-X supported, 4 Gigabit-Kupfer-Ports unterstützen PoE-Stromversorgung
LED Indicators	P1, P2, L/A, PoE
Housing	Aluminum housing, IP40
Dimensions	116 x 85 x 33 mm
Weight	390g
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

SICO-6P-1T1F4P

SICO Industrial Switch, 5×GB RJ-Ports + 1×GB SFP-Slot

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
Saturation	-3 dBm	-3 dBm

SICO-6P-1T1F4P

SICO Industrial Switch, 5×GB RJ-Ports + 1×GB SFP-Slot

Contents:

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