

industrial switch

SISTP1010-380-LRT

Industrial 8-port Unmanaged Gigabit PoE Plus Ethernet Switch with 8x10/100/1000Base-T(X) P.S.E., 24VDC power inputs

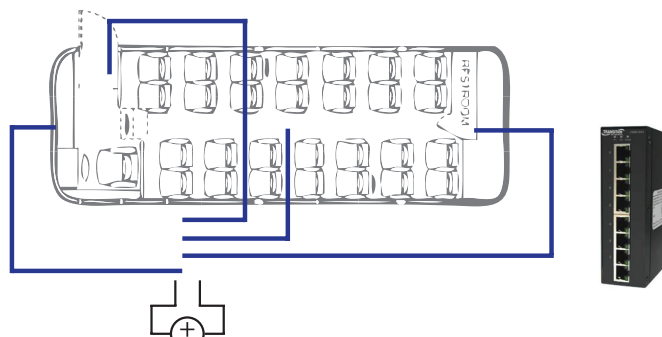


Transition's SISTP1010-380-LRT Industrial PoE switch is a High Power Sourcing Equipment (PSE) device that complies with the IEEE802.3at standard, providing Power-over-Ethernet over standard twisted pair cables in an Ethernet network. Operating from a wide-range 12 – 36 VDC power input, the device is ideal for providing communications services onboard vehicles. It's extended operating temperature range of -40 to +70 C allows the switch to be located outside of environmentally conditioned passenger areas.

Features

- Provides 8x10/100/1000Base-T(X) PoE (P.S.E.) ports based on IEEE 802.3at standard
- Supports dual wide range 18–36VDC power inputs for power redundancy
- AutoCross™ and Auto-negotiation
- Extended (-40°C to 70°C) operating temperature
- Dry Contact Relay Alarm Output
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included
- Lifetime Warranty
- 24/7 US Customer Support
- E-Mark Certified (Pending)

PoE+ from Vehicle Power to Enable Onboard Video Security and Wireless Services



Specifications

Standards	IEEE 802.3™, IEEE 802.3x, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3at
Physical Ports	(8) 10/100/1000Base-T(X) with PoE+
Data Rate	10/100/1000 Mbps
Filtering Addresses	2048 MAC Addresses
Processing	Store-and-Forward
Status LEDs	PWR 1 (Power): ON = primary power connected; PWR 2 (Power): ON = backup power connected; FAULT (Amber): ON = power input failure on PWR1 or PWR2; POE Indicator (ports 1-8): GRN = POE power injected LNK/ACT (ports 1-8): GRN = Link/Act;
DIP Switch	Power-1 failed warning: (ON) enable, (OFF) disable Power-2 failed warning: (ON) enable, (OFF) disable
Dimensions	Width: 1.6" [41 mm]; Depth: 3.7" [95 mm]; Height: 5.68" [144.3 mm]
Ingress Protection	IP30
Input Power	12 – 36 VDC; redundant inputs
Power Output	120 Watts max: 30w for any four ports simultaneously 15w for all eight ports simultaneously
Fault Output	Relay output contacts, 1A @ 24 VDC load capacity
Power Consumption	7.8 watts (without PoE)
Environment	-40 to +70°C Ext. operating temp. -40 to +85°C storage temp 5%– 95% humidity non-condensing
Shipping Weight	1.0 lbs. [0.45 kg]
Safety	EN60950-1, E-Mark Certified (Pending)
EMI	CISPR (EN55022); FCC Part 15 Class A; CE Mark;
EMS	EN61000-4-2(ESD); EN61000-4-3(RS); EN-61000-4-4(EFT); EN61000-4-5(Surge); EN61000-4-6(CS); CE EN61000-4-8; EN61000-4-11
Environmental	IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime

Ordering Information

Extended Operating Temperature
-40°C to +70°C

SISTP1010-380-LRT
(8) 10/100/1000BASE-TX (RJ-45)
[100 m/328 ft.]
PSE with 12/36 VDC Inputs

Optional Accessories (sold separately)

Industrial Power Supplies:
25079 24 VDC Industrial Power Supply