

SISTP1040-242-LRT

Unmanaged Hardened Gigabit Ethernet PoE+ Switch

(4) 10/100/1000Base-T Ports + (2) 1000Base-X SFP Slots



Ordering Information

SISTP1040-242-LRT

(4) 10/100/1000Base-T (RJ-45) PSE
[100 m/328 ft.]
+ (2) 1000Base-X SFP slots
[110km/68.4mi]

Optional Accessories (sold separately)

SFP Modules

External AC/DC Power Supply

25105

Input: 110 VAC, 220VDC, 248-370VAC by switch
Output: 48 ~ 55 VDC, 2.5A, 120 Watts

25080

Input: 88-132 VAC, 176-264VAC, 248-370VDC
by switch
Output: 48 ~ 53 VDC, 2.5A, 120 Watts



The SISTP1040-242-LRT switch is a simple “Plug-and-Play” multi-port switch used at the edge of a hardened network to provide connections for PoE devices in hazardous locations. The (2) gigabit speed SFP slots provide the ultimate flexibility in fiber connections and communication distances. The two uplink ports can also be used in a daisy chain for maximum network reliability. This switch is Class 1, Div 2 Certified, provides 30 Watts per port on all ports simultaneously, has redundant input power connections, and a fault alarm relay to ensure safe reliable operation in temperatures between -40°C and +75°C.

Transition Networks’ hardened switches are certified to operate reliably in harsh environments such as those found on factory floors, outdoor enclosures or other hazardous environments.

Features

- Provides (4) 10/100/1000Base-T(X) PoE (PSE) ports based on IEEE 802.3at Standard
- (2) 1000Base-X SFP slots for daisy-chain
- Supports dual 48 VDC power inputs for power redundancy
- Polarity reverse protection
- Auto-MDI/MDIX
- Auto-Negotiation
- Extended operating temperature (-40°C to 75°C)
- Dry Contact Relay Alarm Output
- DIN Rail Mounting and Wall Mount Brackets Included

Specifications

Standards	IEEE 802.3x IEEE 802.3u IEEE 802.3ab IEEE 802.3z IEEE 802.3at IEEE 802.3af
PoE Pin Assignments	Provides 30 Watts per PoE+ port, Alternative A Positive (VCC+): RJ-45 pin 1, 2. Negative (VCC-): RJ-45 pin 3, 6.
Status LEDs	Power 1 (Green), Power 2 (Green), P-Fail (Red) Ethernet: Link/Activity (Green), Speed (Green), PoE (Green) SFP: Link/Activity (Green)
Dimensions	Width: 2.35" [59.6 mm] Depth: 4.14" [105 mm] Height: 6" [152 mm]
Power Consumption	5.5 Watts (without PoE) 125.5 Watts (full PoE)
Power Input	DC V48(44V~57V), Redundant power, current over load protection, polarity reverse protect
Fault Output	Relay output contacts, 1A @ 24 VDC load capacity
Ingress Protection	IP30
Environment	Operating: -40°C to 75°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing)
Weight	2.65 lbs. [1.2 kg]
Compliance	Safety: UL/cUL 508, Class I / Div 2 Groups A, B, C, D Emissions: CISPR (EN55022); FCC Part 15 Class A; CE Mark; Immunity: 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; Environmental: IEC60068-2-32 (Free fall); IEC60068-2-27 (Shock); IEC60068-2-6 (Vibration)
Warranty	Lifetime