

SISTF1040-162D-LRT

Unmanaged Hardened Fast Ethernet Switch

(16) 10/100Base-TX Ports + (2) 10/100/1000Base-X SFP/RJ-45 Combo Ports



The SISTF1040-162D-LRT is a high port density switch suitable for use as an aggregation switch in a challenging environment. The two gigabit speed combo ports provide the ultimate flexibility by allowing copper or fiber SFP uplink ports. The two uplink ports can also be used in a redundant ring for maximum network reliability. The switch 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 challenging environments.

Ordering Information

SISTF1040-162D-LRT

(16) 10/100Base-TX (RJ-45)
[100 m/328 ft.] ports
+ (2) 10/100/1000Base-T (RJ-45)
or (2) 100/1000Base-X SFP combo ports

Optional Accessories (sold separately)

SFP Modules

External AC/DC Power Supply

SPS-UA12DHT

Input: 90 ~ 240 VAC
Output: 12 VDC, 1.3A, 18 Watts

25083

Input: 85-264 VAC, 120-370VDC
Output: 10.8 ~ 13.2 VDC, 2A, 24 Watts

Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Full Wire Speed Performance with 7 Gbps Backplane
- Combo SFP ports support
 - 100Base-FX
 - 1000Base-X SFPs
- Combo RJ-45 ports support 10/100/1000Base-T
- Extended Operating Temperature (-40°C to 75°C)
- Dry Contact Relay Alarm Output
- Dual, Redundant, Auto-Sensing 12-48 VDC Power Inputs
- Reverse Polarity Power Input Protection
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included

Specifications

Standards	IEEE 802.3 IEEE 802.3ab IEEE 802.3u IEEE 802.3z IEEE 802.3x
Status LEDs	PWR 1 (Power): ON = primary power connected PWR 2 (Power): ON = backup power connected FAULT: ON = power input failure on PWR1 or PWR2 LNK/ACT: ON = Link; FLASHING = data transmitting FDX/COL: ON = Full-duplex mode; FLASHING = collisions occurring
Dimensions	Width: 2.8" [72 mm] Depth: 4.1" [105 mm] Height: 6" [152 mm]
Power Consumption	9 Watts
Power Input	12 to 48 VDC; redundant inputs with reverse polarity protection
Ingress Protection	IP30
Environment	Operating: -40°C to 75°C Storage: -40°C to 85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	3 lbs. [1.36 kg]
Compliance	Safety: UL, cUL, CE/EN60950-1 CISPR22/EN55022, EN60950 Class A, FCC Class A, CE Mark, CE EN61000-4-2, CE EN61000-4-3, CE EN-61000-4-4, CE EN61000-4-5, CE EN61000-4-6, CE EN61000-4-8, CE EN61000-4-11, CE EN61000-4-12, CE EN61000-6-2, CE EN61000-6-4 IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty	Lifetime