SISTM1040-262D-LRT-B
Managed Hardened Fast Ethernet Switch

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

TRANSITION NETWORKS®

The SISTM1040-262D-LRT-B switch is a (16) port managed hardened switch with (2) copper ports or (2) dual speed SFP slots supporting Fast Ethernet to Gigabit Ethernet speeds. The (2) SFP slots provide the ultimate flexibility by allowing SFP fiber connections at different speeds and at a variety of communication distances. The ports can also be used in a redundant ring for maximum network reliability

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

Ordering Information

SISTM1040-262D-LRT-B
   (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 slots

Optional Accessories (sold separately)

SFP Modules

External AC/DC Power Supply

25083
   Input: 85-264 VAC, 120-370VDC
   Output: 10.8 ~ 13.2 VDC, 2A, 24 Watts
   -20° to +60°C operating temperature

SPS-UA12DHT
   Input: 90 ~ 264 VAC
   Output: 12 VDC, 1.3A, 18 Watts
   0°C to +70°C operating temperature

Features

- Auto-Negotiation
- Auto-MDI/MDIX
- Combo SFP ports support 100/1000Base-X SFPs
- Extended Operating Temperature (-40°C to 70°C)
- Dry Contact Relay Alarm Output
- Dual, Redundant, Auto-Sensing 12-48 VDC Power Inputs
- Overload Current Protection
- DIN Rail Mounting and Wall Mount Brackets Included
- PTP- Precision Timing Protocol
- RMON

Specifications

Standards	IEEE 802.3 IEEE 802.3ab IEEE 802.3u IEEE 802.1X IEEE 802.3ad IEEE 802.1d IEEE 802.1p IEEE 802.1Q IEEE 802.3z IEEE 802.3x IEEE 802.1W IEEE 802.1S IEEE 802.1AB
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 RM: Ring Master
Dimensions	Width: 3.8" [96.4 mm] Depth: 4.27" [108.5 mm] Height: 6.06" [154 mm]
Power Consumption	12 Watts
Power Input	12 to 48 VDC; redundant inputs with over current protection
Ingress Protection	IP30
Environment	Operating: -40°C to +70°C Storage: -40°C to +85°C Humidity: 5% to 95% (non-condensing) Altitude: 0 – 10,000 ft.
Weight	3.85 lbs. [1.75 kg]
Compliance	Safety: UL EN60950-1, Class 1/Div 2, Groups A, B, C, D, ATEX, 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 EN61000-6-11, Environmental: IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)
Warranty	Lifetime

Management Features

- Port Based VLAN (4096)
- IEEE 802.1Q Tag VLAN
- GVRP
- Port Trunk with LACP QoS (Quality of Service)
- IEEE 802.1p Class of Service, Per port provides priority queues
- Port Based, Tag Based and Type of Service Priority
- SSL V2, V3, TLS V1.0, SSH-V2
- Port Security: MAC address entries/filter
  - IP Security: IP address security management to prevent unauthorized intruder
  - Login Security: IEEE 802.1X/RADIUS Authentication IGMP Query mode for Multi-Media Application
  - IGMP Multicast groups 1024
  - Support 0-ring and multi-ring, STP, RSTP, MSTP
  - Provide redundant backup feature and recovery time below 20ms.
- SNMP v1 v2c, v3/Web/Telnet/CLI
- DHCP Client/DHCP Server
- TFTP Firmware Upgrade
- TFTP Configuration Backup/Restore
- IPv4/IPv6 dual-stack