

NEW
PRODUCT

industrial switch

SISGM1040-244-LRT

(4) 10/100/1000Base-T + (4) 100/1000 SFP
Managed Industrial Switch

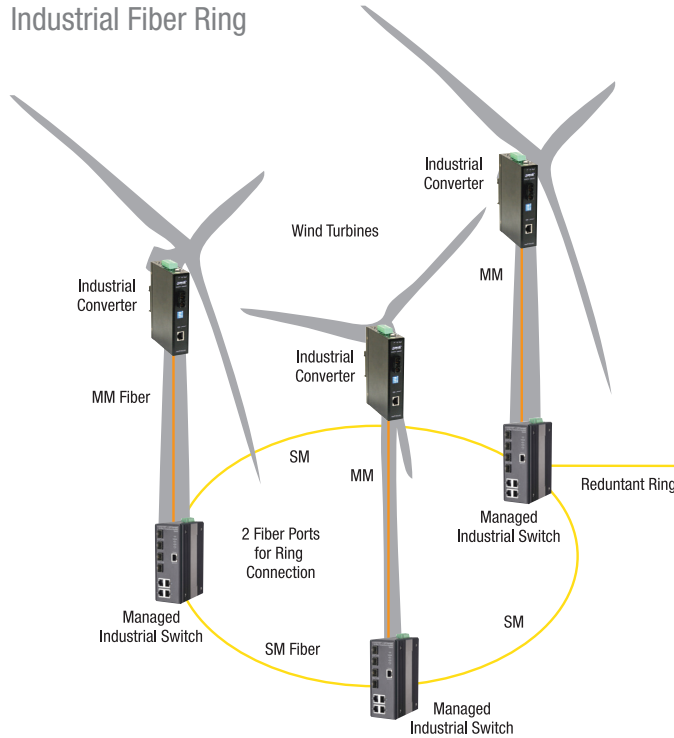


Transition Networks brand Industrial Managed Switches with Class 1 Div 2 Certification are hardened devices designed to reliably operate in harsh environments such as those found on factory floors, outdoor enclosures, oil and gas refining, chemical plants or other hazardous environments. Full management features include support for redundant rings, VLANs, IGMP, SNMP, Web, Telnet, and CLI.

Features

- ▶ Back-plane switch fabric: 16 Gbps
- ▶ 1 Mbits Packet Buffer
- ▶ SFP ports support 100/1000 Dual Mode
- ▶ Store-and-Forward Switching Architecture with 8K MAC Address Table
- ▶ Extended (-40°C to 75°C) operating temperature
- ▶ Dry Contact Relay Alarm Output
- ▶ Wide-range Redundant Power Design
- ▶ X-Ring and RSTP Redundancy
- ▶ SSL/SSH
- ▶ IPv4/IPv6 dual-stack
- ▶ DIN Rail Mounting and Wall Mount Brackets
- ▶ Barrel connector interface cable for external AC/DC power supply
- ▶ Class 1 Div 2 Certified

Industrial Fiber Ring



Specifications

Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3x, IEEE802.3ad, IEEE802.1d, IEEE802.1p, IEEE802.1Q, IEEE802.1x
Status LEDs	PWR 1 (Power), PWR 2 (Power): P-Fail, Master, per port: LNK/ACT
Data Transfer Rate	Copper: 10/100/1000 Mbps, 14,880 pps/148,800 pps
Dimensions	Width: 2.34" [59.6 mm]; Depth: 4.13" [105 mm]; Height: 5.98" [152 mm]
Power Consumption	13 Watts
Input Power	12 - 48 VDC; 24 VAC (18-30 VAC) redundant power with reverse polarity protection and removable terminal block
Environment	-40 to +75°C Ext. operating temp. 5%– 95% humidity non-condensing 0 – 10,000 feet altitude -40 to +85°C storage temp.
Shipping Weight	TBD
Safety Compliance	UL508, Class 1 Div 2
Regulatory Compliance	CE 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 EN61000-3-2; CE EN61000-3-3; CE EN61000-6-2; CE EN61000-6-4
Warranty	Lifetime

Ordering Information

SISGM1040-244-LRT

(4) 10/100/1000Base-T
+ (4) 100/1000 SFP Managed Industrial Switch

Optional Accessories (sold separately)

SFP Modules
Industrial Power Supply

25083

Universal AC/DC Input DIN Rail Mountable
+12 VDC Power Supply

More Features

Port Trunk with LACP QoS (Quality of Service)

- ▶ IEEE 802.1p Class of Service, Per port provides 4 priority queues
- ▶ Port Based, Tag Based and Type of Service Priority

Port Mirror

- ▶ Monitor traffic in switched networks.

Security

- ▶ Port Security : MAC address entries/filter
- ▶ IP Security : IP address security management to prevent unauthorized intruder
- ▶ Login Security : IEEE802.1X/RADIUS IGMP Query mode for Multi Media Application
- ▶ Support multicast filter X-Ring
- ▶ Support X-ring, Dual Homing, Couple Ring and Dual Ring Topology. Provide redundant backup feature and recovery time below 20 ms
- ▶ Support SSH/SSL

Management

- ▶ SNMP v1 v2c, v3/Web/Telnet/CLI
- ▶ DHCP Client/DHCP Server
- ▶ TFTP Firmware Upgrade
- ▶ TFTP Configuration Backup/Restore
- ▶ IPv4/IPv6 dual-stack

Industrial

Class 1 Div 2 Industrial Managed All-Gigabit Switch

