

RPT-1008P-T-X2 | Industrial 8 Port Unmanaged Fast Ethernet POE Switch



FEATURE HIGHLIGHTS

- 8x 10/100 TX Ethernet ports
- 8 PoE port IEEE802.3at 30Watts per port
- Relay Output with current carrying capacity
- IP30 housing and din-rail mounting
- QoS priority queues
- Profinet Conformance Class A
- LLDP blocking for Profinet network

DESCRIPTION

RPT-1008P-T-X2 provides 8 fast Ethernet RJ-45 ports with PoE function for your industrial applications. The PoE function provides 30Watts per port and complies to IEEE802.3at standard. RPT-1008P-T-X2 is designed with IP30 metal rugged case and extra slim and compact size for users to install in the limited space or cabinet.

RPT-1008P-T-X2 also supports redundant power inputs that can be connected simultaneously to wide-range DC power sources. If one of the power inputs failure, the other live source acts as a backup to provide the RPT-1008P-T-X2 power needs automatically.

RPT-1008P-T-X2 is also suitable for Profinet network and LLDP function is handled correctly with the switch in accordance to Profinet standard. It is compliant to Profinet Conformance Class A for real time data exchange. CE/FCC is certified and UL is compliant in design.

RPT-1008P-T-X2 | Industrial 8 Port Unmanaged Fast Ethernet POE Switch

SPECIFICATIONS

Technology P	
Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3x Flow Control
	IEEE 802.3af and IEEE802.3at POE
Processing Type	Store and Forward
Switch Properties	
Switch Fabric	1.6Gbps
Priority Queues	-
MAC Table Size	1K
Packet Buffer	448Kbits
Interface	
RJ45 Port	8x 10/100T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
PoE Pin Out	V+ V+ V- V- for Pin 1, 2, 3, 6; EndSpan, MDI Mode A
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active (High Speed: Green; Low Speed: Amber) PoE output power
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
Power Requirements	
Operation Voltage	48-57VDC, redundant dual inputs, >50VDC for PoE output recommend
Connection	1x removable 6-contact terminal block
Power Consumption	0.06A@48V without PD consumption
PoE Power Budget	Max 180W for total PD Consumption Max 30W per PoE port
Protection	Overload Current Protected, Reverse Polarity Protected
Mechanical Construction	
Enclosure	Steel metal SECC
Protection Class	IP30
Dimensions	28.7 x 140 x 98 mm (W x H x D)
Weight	0.8 kg
Mounting	DIN-Rail Mounting
Environmental Limits	
Operating Temperature	Extended: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)

RPT-1008P-T-X2 | Industrial 8 Port Unmanaged Fast Ethernet POE Switch

SPECIFICATIONS

Regulatory Approvals

EMI	FCC Part 15 Subpart B Class A
	CE EN 55032 Class A
EMS	IEC61000-4-2 (ESD)
	IEC61000-4-3 (RS)
	IEC61000-4-4 (EFT)
	IEC61000-4-5 (Surge)
	IEC61000-4-6 (CS)
	IEC61000-4-8 (Magnetic Field)
Free Fall	IEC60068-2-32
Shock	IEC60068-2-27
Vibration	IEC60068-2-6
Certification	IEC61000-6-2
	IEC61000-6-4
Green	RoHS Compliant
MTBF	>100,000 hours

ORDERING INFORMATION

Model name

Description

RPT-1008P-T-X2

8 Port Industrial Unmanaged 10/100 TX Fast Ethernet PoE Switch - 40~75°C

DIMENSIONS

Unit: mm

