



### FEATURE HIGHLIGHTS

- 5x 10/100 TX Ethernet ports
- Super slim and compact size
- IP30 housing and din-rail mounting
- Broadcast storm protection
- QoS priority queues for critical data
- Profinet Conformance Class A
- Operating temperature -40~75 degree C

### DESCRIPTION

RPT-1005-T-X6M provides 5 port 10/100TX fast Ethernet RJ-45 ports for your industrial applications. RPT-1005-T-X6M is designed for users to install in the limited space and so its extra slim and compact size with IP30 metal rugged housing is often favored by the small cabinet and system enclosure.

RPT-1005-T-X6M also supports wide-range power input 12/24/48 VDC (9.6~60VDC) & 24VAC (18~30 VAC) Power Input.

RPT-1005-T-X6M is suitable for Profinet network and LLDP function is handled correctly with the switch in accordance to Profinet Conformance Class A for real time data exchange. The DIP switch on the top can control QoS and also broadcast storm protection. CE/FCC and UL are also certified.

This simple, slim and robust 5 port industrial switch also has 1 fiber port extension in SFP, SC or ST connector as optional models.

## SPECIFICATIONS

Switch Properties	
Processing Type:	Store-and-Forward
Backplane Bandwidth:	16Gbps (Max)
MAC Table Size:	4K (Max)
Packet Buffer Size:	1.5Mb (Max)
DIP Switch Configuration	
Ethernet Interface	Quality of Service (QoS), Broadcast Storm Protection (BSP)
Power Parameters	
Connection:	1 removable 2-contact terminal block
Input Voltage:	12/24/48 VDC & 24 VAC
Operating Voltage:	9.6~60 VDC & 18~30 VAC
Overload Current Protection:	Supported
Reverse Polarity Protection	Supported
Physical Characteristics	
Installation:	DIN-rail mounting
Housing:	Die-casting aluminum alloy housing
Dimension:	24 × 100 × 61.8 mm
Weight:	0.23Kg (Max)
Power Consumption:	5W(Max)
Environment Limits	
Ambient Relative Humidity:	5 to 95% (non-condensing)
Operating Temperature:	-40 to 70°C
Storage Temperature:	-40°C to 85°C
Standards and Certifications	
EMC:	CE.CB.IEC.IECEE
	CFR 47 FCC Part 15 Subpart B Class A
	EN55032; EN55024; EN61000-3-2; EN61000-3-3
Generic Industry:	EN61000-6-2 EN61000-6-4
Industrial Control Industry:	UL/cUL61010 EN61000-6-2 EN61000-6-4 EN61131-2

## ORDERING INFORMATION

Model name	Description
RPT-1005-T-X6M	5 Port 10/100 TX Fast Ethernet Switch. -40~75°C
RPT-1005-1F-T-X6M	4 10/100TX + 1 100FX in SFP slot, SC or ST Multi or Single mode

## DIMENSIONS

Unit: mm

