



FEATURE HIGHLIGHTS

- 5x 10/100/1000 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-1005G-T-X6M provides 5 port 10/100/1000TX Gigabit Ethernet RJ-45 ports for your industrial applications. RPT-1005G-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-1005G-T-X6M also supports wide-range power input 12/24/48 VDC (9.6~60VDC) & 24VAC (18~30 VAC) Power Input.

RPT-1005G-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-1005G-T-X6M | 5 Port 10/100/1000 TX Fast Ethernet Switch. -40~75°C |
| RPT-1005G-1F-T-X6M | 4 10/100/1000TX + 1 100/1000FX in SFP slot, SC or ST Multi or Single mode |

DIMENSIONS

Unit: mm

