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RPT-1006G-1F-T-X2 | Industrial 5 Port Unmanaged Gigabit Ethernet Switch

FEATURE HIGHLIGHTS

- 5x Gigabit Ethernet ports
- 1x 1000 FX SFP slot
- Built for harsh environments and wide temperature industrial application
- IP30 housing and din-rail mounting

DESCRIPTION

RPT-1006G-1F-T-X2 provides 5 full gigabit RJ-45 ports and 1 gigabit SFP slot for your industrial applications. It's IP30 metal rugged case and operating wide temperature between -40 and 75 degree C can support your network reliable in extreme and harsh environment.

RPT-1006G-1F-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-1006G-1F-T-X2 power needs automatically.

RPT-1006G-1F-T-X2 is compliant to CE/FCC certification and 10/100 version is also available in slim and compact housing. Extended operating temperature between -40 to 75 degree C is optional.

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SPECIFICATIONS

Technology	
Standards	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
	IEEE 802.3z 1000BaseX
	IEEE 802.3x Flow Control
Processing Type	Store and Forward
Switch Properties	
Switch Fabric	12Gbps
Priority Queues	-
MAC Table Size	2K
Packet Buffer	1 Mbits
Interface	
RJ45 Port	5 x 10/100/1000T(x), auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	1 x 1000 F(X) SFP slot
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active(Green) Speed (Amber)
Power Requirements	
Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 4-contact terminal block
Power Consumption	5W
Protection	Overload Current Protected, Reverse Polarity Protected
Mechanical Construction	
Enclosure	Steel metal
Protection Class	IP30
Dimensions	28.7x140x98 mm (WxHxD)
Weight	0.6 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)

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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
Green	RoHS Compliant
MTBF	>100,000 hours
Warranty	5 Years

ORDERING INFORMATION

Model Name	Description
RPT-1006G-1F-T-X2	- 5x 10/100/1000T(x) + 1x 1000F(x) SFP Slot - Operating Temperature: -40℃ ~ 75℃ (-40℉ ~ 167℉)

DIMENSIONS

Unit: mm

140

98

98

28.70

140

28.70