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Subject Link

FEATURE HIGHLIGHTS

- 8x 10/100/1000 TX Ethernet ports
- 2x 100/1000F(X) SFP Slot
- Built for harsh environments and wide temperature range application
- Relay output with current carrying capacity
- IP30 aluminum housing din rail mounting

DESCRIPTION

RPT-1010G-2F-X2 provides 8 10/100/1000 TX ethernet RJ-45 ports and 2 100/1000 FX SFP ports. It's IP30 metal rugged case is aluminum material that gives the switch lighter weight and the best heat dissipation. RPT-1010G-2F-X2 is an ideal candidate for your industrial application.

RPT-1010G-2F-X2 also supports voltage from 12VDC-48VDC redundant power supplies with overload protection. If one of the power inputs failure, the other live source acts as a backup to provide the RPT-1010G-2F-X2 power needs automatically. For vehicles and surveillance application, this switch also has PoE version with 48VDC or 24VDC power booster design.

RPT-1010G-2F-X2 is a rugged device that can sustain in harsh environment and extended operating temperature version (-40 to 75 degree C) is also available upon your application.

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RPT-1010G-2F-X2 | Industrial 8 Gigabit Port with 2 Gigabit SFP Switch

SPECIFICATIONS

Technology	
	IEEE 802.3 10BaseT
	IEEE 802.3u 100BaseTX
	IEEE 802.3ab 1000BaseT
Standards	IEEE 802.3z 1000BaseX
	IEEE 802.3x Flow Control
	IEEE 802.3af Power over Ethernet
	IEEE 802.3at PoE+
Processing Type	Store and Forward
Switch Properties	
Switch Fabric	9600 bytes
MAC Table Size	8K
Packet Buffer	4 Mbits
Interface	
RJ45 Port	8 x 10/100/1000(x) auto negotiation speed duplex mode, auto MDI/MDI-X
Fiber Port	2 x 100/1000 F(X) SFP slot
LED Indicators	Per unit: PWR1, PWR2, Fault
	Ports: Link/Active with highest speed(Green) Low Speed (Amber)
Alarm Contact	1x relay output with current carrying capacity of 1A @ 24 VDC
Power Requirements	
Operation Voltage	12-48VDC, redundant dual inputs
Connection	1x removable 6 contact terminal block
Power Consumption	15W
Protection	Overload Current Protected, Reverse Polarity Protected

SPECIFICATIONS

Mechanical Construction	
Enclosure	Aluminum housing
Protection Class	IP30
Dimensions	50x120x100mm (WxHxD)
Weight	0.7kg
Mounting	DIN-Rail Mounting (wall mounting kits optional)
Environmental Limits	
Operating Temperature	Standard: -10°C ~ 60°C Extended: -40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C
Ambient Relative Humidity	5 to 95%, (Non-Condensing)
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
Certifications	IEC61000-6-2
	IEC61000-6-4
Warranty	5 Years

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ORDERING INFORMATION

Model name	Description
RPT-1010G-2F-X2	8 port unmanaged 10/100/1000 TX switch and 2 Gigabit SFP port
RPT-1010G-2F-T-X2	8 port unmanaged 10/100/1000 TX switch and 2 Gigabit SFP port (-40~75 degree C)

DIMENSIONS

Unit: mm