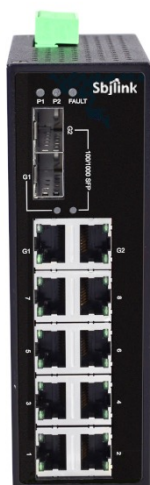


RPT-1010-2C-X4 | Industrial 10 Port Fast Ethernet Switch with Combo Port



FEATURE HIGHLIGHTS

- 8-port 10/100Tx Ethernet
- 2-Giga Combo ports (2*10/100/1000TX + 2x 100/1000 SFP slots)
- Redundant Power Input Design
- Built-in Relay Output Warning for Power Failure
- IP30 Rugged Metal Case Design
- DIN-Rail Mounting, Wall Mounting
- Operating Temperature -10°C ~ 65°C (-40°C ~ 75°C)

DESCRIPTION

RPT-1010-2C-X4 provides 8 10/100 TX Fast Ethernet RJ-45 and 2 Giga Combo ports (2 10/100/1000 TX and 2 100/1000 SFP slots) for your industrial applications. RPT-1010-2C-X4 also supports redundant power inputs that can be connected simultaneously and back up for power feeding to the switch.

RPT-1010-2C-X4 is certified CE/FCC and UL61010. NEMA-TS 2 is compliant for its extended temperature version. For performing in extreme harsh environment, standard operating temperature is -10 to 65 degree and extended operating temperature version between -40 to 75 degree C.

RPT-1010-2C-X4 also has it 24V booster version that has lower power voltage input and PoE booster design.

For SFP modules, you can choose from Sbjlink SFP selection guide with different distance. Please check <https://www.sbjlink.com/index.php>

RPT-1010-2C-X4 | Industrial 10 Port Fast Ethernet Switch with Combo Port

SPECIFICATIONS

Technology

| | |
|-----------------|--|
| Standards | IEEE 802.3 10BaseT Ethernet |
| | IEEE 802.3u 100BaseTX Fast Ethernet |
| | IEEE 802.3ab 1000BaseT |
| | IEEE 802.3z 1000Base-X Gigabit Fiber |
| | IEEE 802.3af/at Power over Ethernet |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Flow Control | IEEE 802.3x flow control, back pressure flow control |

Switch Properties

| | |
|-------------------------------|--|
| Switching Fabric (Back-Plane) | 5.6Gbps |
| Memory Buffer | 4Mbits |
| MAC Table Size | 8K |
| Jumbo Frame | 9.6Kbytes |
| Transfer Rate | 14,880pps for Ethernet Port |
| | 148,800pps for Fast Ethernet Port |
| | 1,488,000pps for Gigabit Ethernet Port |

Interface

| | |
|---------------------------------|--|
| RJ45 Ports | 8*10/100 Base-T(X) Auto-Negotiation, Full/Half Duplex, Auto-MDI/MDI-X |
| Gigabit Combo Port (Copper/SFP) | 2*RJ45 Ports w/10/100/1000Tx Ethernet and 2*100/1000 SFP Slot |
| Wavelength | Depends on SFP modules |
| LED Indicators | System: Power 1, Power 2, Fault |
| | Ethernet ports: On-Link/Flash-data transmitting |
| | SFP: Link/Active |
| Relay Contact | PoE: On-connected to PD devices |
| Network Cable | 24 VDC, 1A resistive |
| | 10BaseT: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) |
| | 100BaseTX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m) |
| | 1000BaseTX: UTP/STP Cat.5/5E cable; EIA/TIA-568 100-ohm (100m) |

RPT-1010-2C-X4 | Industrial 10 Port Fast Ethernet Switch with Combo Port

SPECIFICATIONS

| Power Requirements | |
|--|--|
| Input Voltage | Dual 12-48VDC redundant power inputs |
| Power Connection | 1 removable 6-contact terminal block |
| Overload Current Protection | Present (Slow-Blow Fuse) |
| Reverse Polarity Protection | Present |
| System Power Consumption | Max. 12W full loading |
| Mechanical Characteristics | |
| Housing | Metal, IP30 protection |
| Dimensions (W x H x D) | 46 x 142 x 99 mm (1.8 x 5.6 x 3.9 inch) |
| Weight | Unit weight: 0.646kg (1.42lb), Shipping weight: 0.83kg (1.83lb) |
| Mounting | DIN-Rail Mounting, Wall Mounting |
| Environmental Limits | |
| Operating Temperature | Standard: -10°C ~ 65°C (14°F ~ 149°F) |
| | Extended: -40°C ~ 75°C (-40°F ~ 167°F) |
| Storage Temperature | -40°C ~ 85°C (-40°F ~ 185°F) |
| Ambient Relative Humidity | 5 to 95%, (non-condensing) |
| Regulatory Approvals | |
| EMI | FCC Part 15 Subpart B Class A, CE EN55032/EN61000-6-4 Class A |
| EMS | CE EN55035/EN61000-6-2 Class A: |
| | 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 |
| Safety | UL61010-1, UL61010-2-201, ISA 12.12.01 |
| Compliance | NEMA TS2 (ITS) (apply by request) |
| MTBF (Telcordia SR-332, Issue 3, GB, 25°C) | 600,100 hrs. |

RPT-1010-2C-X4 | Industrial 10 Port Fast Ethernet Switch with Combo Port

ORDERING INFORMATION

| Model name | Description |
|------------------|---|
| RPT-1010-2C-X4 | 8 Port 10/100 TX + 2 GE/SFP ports, 12-48VDC, -10~65°C |
| RPT-1010-2C-T-X4 | 8 Port 10/100 TX + 2 GE/SFP ports, 12-48VDC, -40~75°C |

DIMENSIONS

