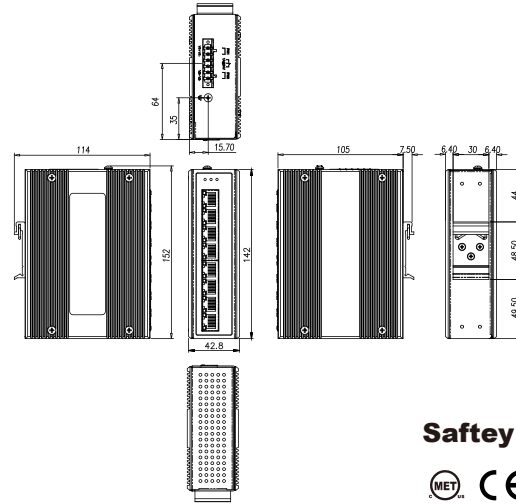


0401-0374

POE Ethernet Switch



Safety Standards



Specification

| | |
|-------------------------------|--|
| IEEE Standard | IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3z 1000Base-X Gigabit Ethernet IEEE 802.3x Flow Control and Back Pressure IEEE 802.3af PoE IEEE 802.3at PoE+ |
| Switch Architecture | Back-plane (Switching Fabric): 12Gbps |
| Data Processing | Store and Forward |
| Flow Control | IEEE 802.3x Flow Control and Back Pressure |
| Jumbo Frame | 9KB |
| MAC Address Table Size | 1K |
| Packet Buffer Size | 1Mbits |
| Network Connector | 5 x RJ-45 10/100/1000BaseT(X) auto negotiation, 4 x Gigabit 30W PSE port 2 x SFP 100/1000M BaseX Auto MDI/MDI-X function, Full/Half duplex |
| Network Cable | UTP/STP Cat.5e or above Cable EIA/TIA-568 (100m) |

Specification

| | |
|------------------------------------|---|
| Protocol | CSMA/CD |
| LED | <p>PW1(Power 1) Green</p> <p>PW2(Power 2) Green</p> <p>ON: Power is detected</p> <p>OFF: Power is not detected</p> <p>RLY(Relay) Amber</p> <p>ON –Connect only PW1 or PW2</p> <p>OFF – Both PW1 and PW2 are connected</p> <hr/> <p>TX/RJ-45 port:</p> <p>P1~P4(PoE) Green</p> <p>ON: PD is detected on designated port</p> <p>OFF: PD is not detected</p> <p>LNK (Link/Active) Green</p> <p>ON: TX port is detected</p> <p>Flashing: TX data is transmitting/receiving</p> <p>SPD(Speed) Amber</p> <p>ON: 1000M speed is detected</p> <p>OFF: 10/100M speed is detected</p> <p>SFP Fiber Per port:</p> <p>F5/F6 Green</p> <p>ON: FX port is detected</p> <p>Flashing: FX data is transmitting/receiving</p> |
| DIP Switch | <p>DIP 1: F5: Port F5 SFP on (Default)</p> <p>T5: Port T5 TX on</p> <p>DIP 2: 1000M: SFP 1000M (DEFAULT)</p> <p>100M: SFP 100M</p> |
| Reserve Polarity Protection | Present |
| Overload Current Protection | Present |
| Power Supply | Redundant Dual DC 12V-56V Power Input |
| Power Consumption | 5.76W@12/24/48 VDC full load, Without PoE |
| Alarm Relay Contact | <p>Relay outputs with current carrying capacity of 1 A @24VDC</p> <p>Relay in short circuit mode when 2 powers are connected.</p> <p>in open circuit mode when only one power supply is connected</p> |

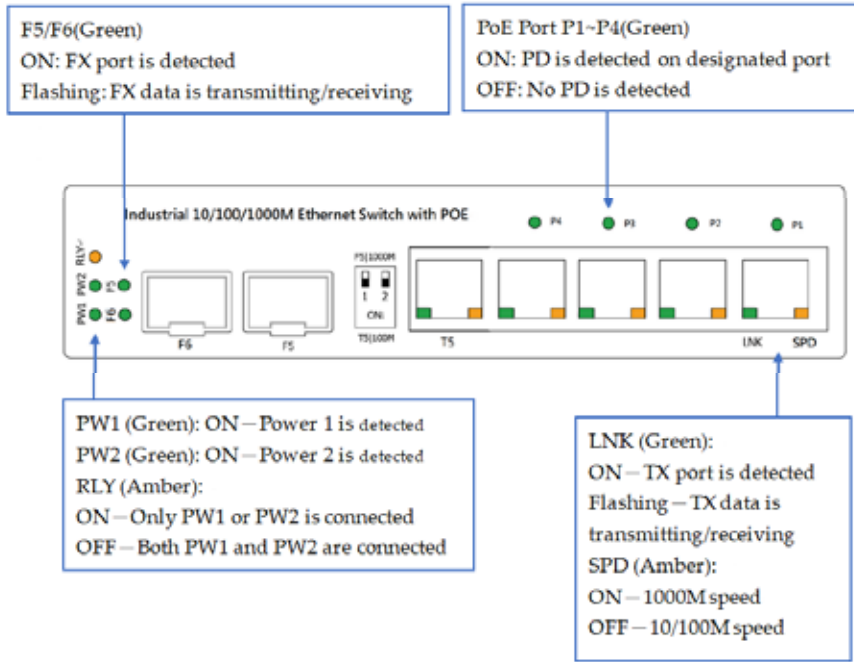
Specification

| | |
|---|--|
| PoE Power | PoE power per port 30watts. Maximum total power 60W at 12VDC power input, Maximum total power 120Watts at 24VDC and 48VDC power input. |
| Removable Terminal Block | Provide 2 Redundant power Alarm relay contact ,6 Pin Wire range: 0.34mm ² to 2.5mm ² Solid wire (AWG): 12-30 Stranded wire (AWG): 12-30 Torque:5lb-In/0.5Nm Wire Strip length: 7-8mm |
| Operating Temperature | -40°C~75°C fully tested |
| Operating Humidity | 5% to 95% (Non-condensing) |
| Storage Temperature | -40°C~85°C |
| MTBF (mean time between failure) | 693764.32hrs (Telcordia (Bellcore), GB) at 50°C |
| Housing | Rugged Metal + Aluminum heat sink, IP30 Protection |
| Case Dimension | 142 x 42.8 x 105 mm (L x W x H) |
| Installation | DIN Rail and Wall Mount options included |

Certifications

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|------------------|--------------------------------|
| Safety | UL 60950-1 |
| Safety | LVD (EN62368-1) |
| EMC/EMS | CE, FCC, EN55032/EN55035, VCCI |
| EMI | FCC Part 15 Subpart B Class A |
| Vibration | EN 60068-2-6 |
| Shock | EN 60068-2-27 |
| Free Fall | EN 60068-2-32 |
| Railroad | EN50155 / EN50121-3-2 |
| Railroad | EN50155 / EN50121-4 |

LED indicator



Dimensions

L X W X H : 142 x 42.8 x 105

