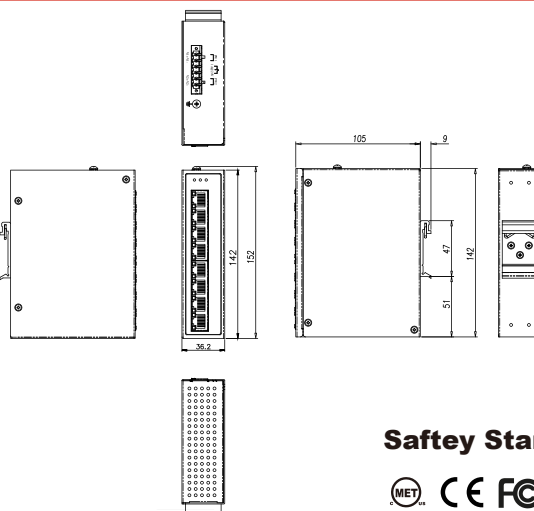


0401-0081

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 IEEE802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 16Gbps
Data Processing	Store and Forward
Flow Control	IEEE 802.3x Flow Control and Back Pressure
Jumbo Frame	9KB
MAC Address Table Size	4K
Packet Buffer Size	1Mbits
Network Connector	8xRJ-45 10/100/1000BaseT(X) auto negotiation, Auto MDI/MDI-X function, Full/Half duplex
Network Cable	UTP/STP Cat.5e or above Cable EIA/TIA-568 (100m)
Protocol	CSMA/CD

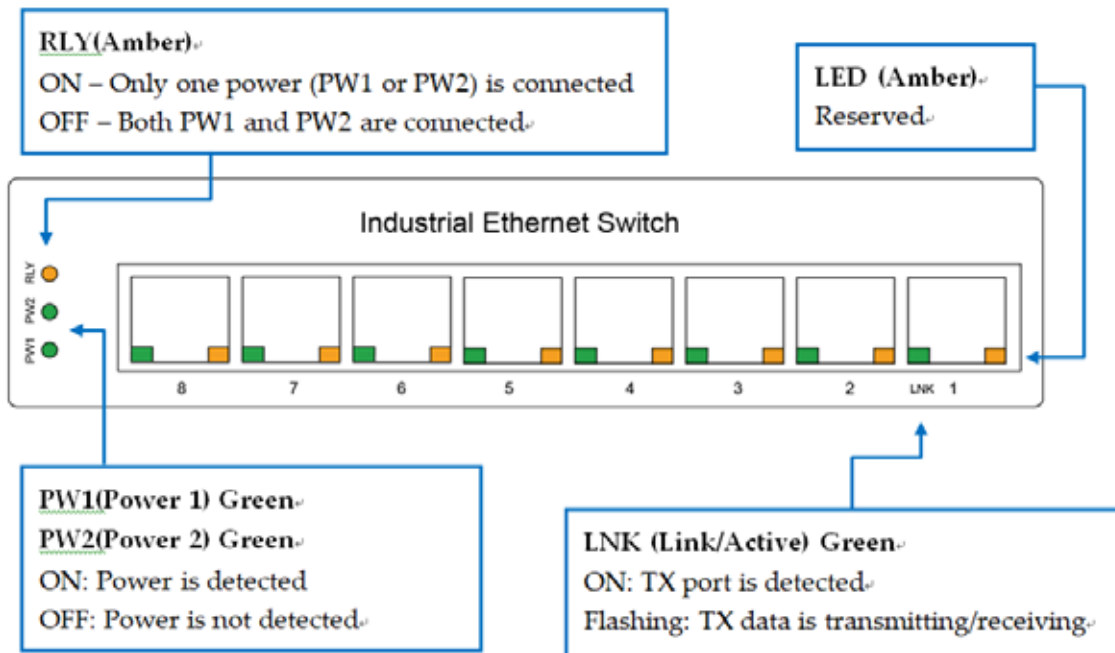
Specification

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 – Only one power (PW1 or PW2) is connected</p> <p>OFF – Both PW1 and PW2 are connected</p> <hr/> <p>TX/RJ-45 port</p> <p>LNK (Link/Active) Green ON: TX port is detected</p> <p>Flashing: TX data is transmitting/receiving</p>
Reserve Polarity Protection	Present
Overload current protection	Present
Power Supply	Redundant Dual DC 12V-56V
Power Consumption	5W@48 VDC full load
Alarm Relay Contact	<p>Relay outputs with current carrying capacity of 1 A @24VDC</p> <p>Relay in short circuit mode when 1 power is connected</p> <p>In open circuit mode when two power supply are connected</p>
PoE Power	N/A
Removable Terminal Block	<p>Provide 2 Redundant power</p> <p>Alarm relay contact, 6 Pin</p> <p>Wire range: 0.34mm² to 2.5mm²</p> <p>Solid wire (AWG): 12-30</p> <p>Stranded wire (AWG): 12-30</p> <p>Torque:5lb-In/0.5Nm</p> <p>Wire Strip length: 7-8mm</p>
Operating Temperature	-40°C to 75°C
Operating Humidity	5% to 95% (Non-condensing)
Storage Temperature	-40°C to 85°C
MTBF (mean time between failure)	560,957.32 hrs (Telcordia (Bellcore), GB) at 50°C
Housing	Rugged Metal, IP30 Protection
Case Dimension (L x W x H)	142x36.2x105mm (LxWxH)
Installation	DIN Rail and Wall Mount Options Included

Certifications

Safety	UL 60950-1
Safety	LVD (EN62368-1)
EMC	CE, FCC, EN 55032/35, VCCI
EMI	CISPR 32, FCC Part 15B Class A
EMS	IEC 61000-4-2 ESD: Contact: 6KV; Air: 8KV
	IEC 61000-4-4 EFT: Power: 2KV; Signal: 2KV
	IEC 61000-4-5 Surge: Power: 2KV; Signal: 2KV
Vibration	EN 60068-2-6
Shock	EN 60068-2-27
Free Fall	EN 60068-2-32

LED indicator



Dimensions

L X W X H : 142 x 36.2 x 105

