

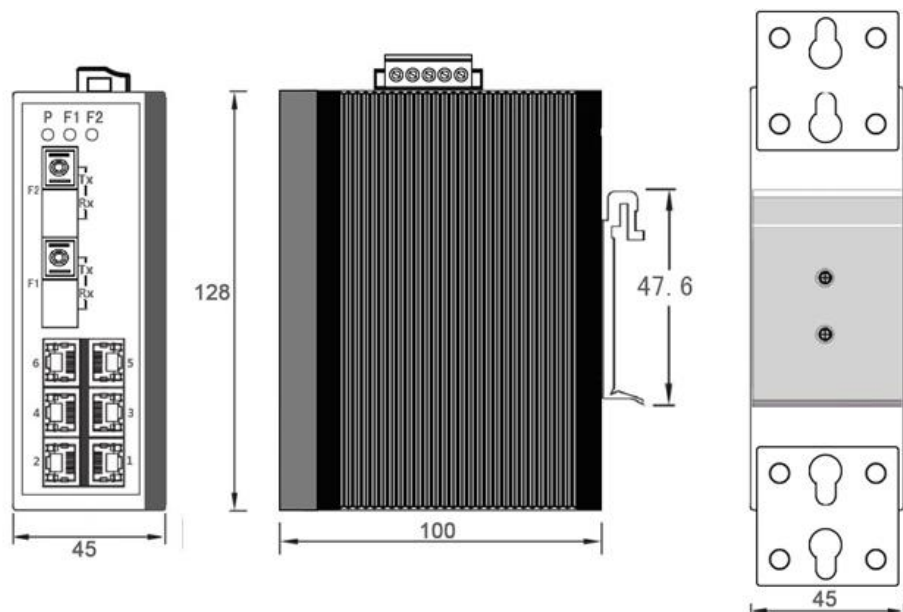
Unmanaged Industrial Ethernet Switch 6ETH 2 Fiber Optical

P/N : [ITT-ISW-6G2S](#)



- 12-36VDC wide voltage range power inputs
- As low as 3 watts load power consumption
- -40 to 85°C operating temperature range
- IP40 protection class with metal housing
- Fanless design
- Level 4 EMC Protection

The ITT-ISW-6G2S provides 6 electrical Fast Ethernet ports and 2 optical Fast Ethernet port. All models are with IP40 protection class and meet EMC industrial level 4 requirements. It provides 12-36 VDC wide voltage range power inputs, DIN rail mounting, wide operating temperature range of -40 to the +85°C. In addition to its compact size for space-saving installation, each product has passed a 100% burn-in test in 85°C to ensure its quality. All of these features make the product ideal for applications that require high-reliability transmission, such as video surveillance, tolling systems, ITS, and factory automation.



SERVICES:
Guaranteed Warranty



Unmanaged Industrial Ethernet Switch



Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-Tx 100Base-Fx
Certifications	CCC, CE, FCC, RoHS
Switch Properties	➤ MAC Table: 1K ➤ Packet Buffer: 448K ➤ Packet Forwarding Rate: 1.1904Mpps ➤ Switching Delay: <5us
Interface	➤ Optical Ports: 2 100Base-Fx (FC/SC/ST optional) ➤ Electrical Ports: 6 10/100Base-Tx (RJ45)
LED indicator	➤ Power LED: PWR ➤ Interface LED: RJ45(Link&ACT) , ➤ Interface LED: Fiber(Link&ACT)
MTBF	360,000 hrs
Power	➤ Power Terminal: 5-pin 3.81mm-spacing plug-in terminal block ➤ Power input: 12-36V DC ➤ Full load power consumption: <3W ➤ Overload Protection: Support ➤ Reverse Connection Protection: Support Redundancy Protection: Support
Physical Characteristics	➤ Housing: Metal, fanless ➤ Protection Class: IP40 ➤ Dimensions: 45mm x 100mm x 100mm (W×H×D) ➤ Weight: 0.55kg ➤ Mounting: DIN-Rail or Panel mounting
Environmental Limits	➤ Operating Temperature: -30 to 75°C ➤ Storage Temperature: -45 to 85°C ➤ Ambient Relative Humidity: 5 to 95% (non-condensing)

SERVICES:
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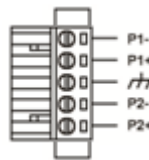


Industrial Standard

- EMI:
- FCC CFR47 Part 15, EN55022/CISPR22, Class A
- EMS:
- IEC61000-4-2 (ESD): $\pm 8\text{kV}$ (contact), $\pm 15\text{kV}$ (air)
- IEC61000-4-3 (RS): 10V/m (80MHz-2GHz)
- IEC61000-4-4 (EFT): Power Port: $\pm 4\text{kV}$; Data Port: $\pm 2\text{kV}$
- IEC61000-4-5 (Surge): Power Port: $\pm 2\text{kV/DM}$, $\pm 4\text{kV/CM}$; Data Port: $\pm 2\text{kV}$
- IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
- IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)
- Machinery:
- IEC60068-2-6 (Vibration)
- IEC60068-2-27 (Shock)
- IEC60068-2-32 (Free Fall)

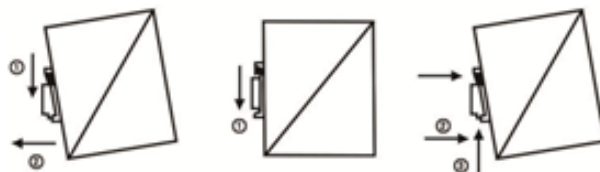
Product model	ITT-ISW-6G2S
Product descriptions	6*10/100Base-TX+2*100Base-FX, Unmanaged Industrial Ethernet Switch, Din-Rail and Wall mounted installation, 12-36VDC power input

Power Terminal

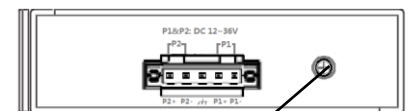


- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

Din-Rail



Earth Protection



Ground terminal or screw

Wall mounting



SERVICES:
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