

IES-0005/E (Wide Operating Temperature)

5 10/100TX Industrial Switch



Features

- 5-port 10/100TX industrial switch
- Supports ingress packet filter and egress rate limit
- Conforms to IEEE 802.3 10Base-T, 802.3u 100Base-TX/100Base-FX
- 802.3u 100Base-TX/100Base-FX
 - Flow control on full-duplex
 - Back pressure on half-duplex
- RJ-45 port support auto MDI/MDI-X Function
- Wide-range redundant power design
- Power polarity reverse protect
- Overload current re-settable fuse present
- Relay alarm output for system events
- DIN rail and wall mount design
- Store-and-forward switching architecture
- 1K MAC address table
- 512Kbits Embedded memory

Lantech Industrial Switch series are designed with four unique hardware features: 1. Able to use optional DC power adapter. 2. Terminal block is placed on the bottom of device to isolate dust proof. 3. Auto detect power input from DC12V to 48V.

Lantech's Industrial Switch series are designed to meet with critical network environment with IP 30 enclosure and test under extensive Industrial EMI and Safety standards. Each of Lantech's Industrial Switch are passed under 1.2KVA Hi-Pot abnormal test.

Lantech IES-0005 is a 5 x 10/100TX Industrial Switch. It is the best to use in Automation, Transportation, Semi-conductor factory, Heavy Industrial factory and other factory assembly lines.

Specification

Standard	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE802.3x Flow Control and Back Pressure
Protocol	CSMA/CD
Switch Architecture	Back-plane (Switching Fabric): 1.0Gbps Packet throughput ability (Full-Duplex): 1.488Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
Memory Buffer	512Kbits
Mac Address	1K MAC address table
Connector	10/100TX: 5 x RJ-45 with auto MDI/MDI-X function
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
LED	Per unit: Link/Active(Green), Full duplex/Collision (Orange) Per port: Power(Green), Power 1(Green), Power 2(Green)
Back-plane	1.0Gbps
Packet throughput ability	0.74Mbps @ 64bytes(5TX)
Power Supply	DC 12~48V, Redundant power with polarity reverse protect function and removable terminal block for master and slave power
Power Consumption	2.64 Watts
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	Standard: -10°C ~ 60°C Wide Operating Temperature: -40°C ~ 70°C
Storage Temperature	-40°C ~ 85°C
Case Dimension	Metal case. IP-30, 54mm (W) x 105mm (D) x 135mm (H)
Installation	DIN Rail and Wall Mount Design
EMI	FCC Class A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN-61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-4-11, CE EN61000-4-12, CE EN61000-6-2, CE EN61000-6-4
Safety	UL, cUL, CE/EN60950-1
Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

Ordering Information

- IES-0005P/N 8350-300
5 10/100TX Industrial Switch
- IES-0005/EP/N 8350-301
5 10/100TX w/ Wide Operating Temperature (-40°C ~ 70°C) Industrial Switch