

## IES-0005T

### 5 10/100TX Slim Type Industrial Switch (Relay Contact with Alarm System)



### Features

- 5-port 10/100TX Slim Type industrial switch
- Support 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
- Relay alarm output for system events
- DIN rail and wall mount design
- Store-and-forward switching architecture
- 2K MAC address table
- 384Kbits memory

Lantech Industrial Switch Slim Type series are designed with three unique hardware features: 1. Terminal block is placed on the bottom of device to isolate dust proof 2. Auto detect power input from DC12V to 48V 3. Relay contact to connect with alarm system in case of power or port failure.

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-0005T is a 5 x 10/100TX Industrial Switch. Lantech Industrial Switch's relay contact to Alarm system can immediately notify of Power failure event.

Lantech IES-0005T 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): 1.6Gbps Packet throughput ability (Full-Duplex): 1.49Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port
Memory Buffer	384Kbits(IES-0005T), 448 Kbits(IES-0005T/E)
Mac Address	2K 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: Power 1 (Green), Power 2 (Green), Fault (Red) Per port: Link/Active (Green), Full duplex/Collision (Yellow)
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	DC 12~48V, Redundant power with polarity reverse protect function and removable terminal block
Power Consumption	2.93 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, 30mm (W) x 95mm (D) x 140mm (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-0005T .....P/N 8350-630  
5 10/100TX Industrial Switch, Standard(-10°C ~60°C)
- IES-0005T/E .....P/N 8350-632  
5 10/100TX Industrial Switch, Wide Operating Temperature (-40°C ~70°C)