IES-3005 Industrial Gigabit Ethernet Switch

5 x 10/100/1000Base-T Industrial Switch

-40℃~75℃ Plug &play IP30

Power redundancy DIN Rail

Features

- 9K Jumbo frames
- L2 wire-speed switching engine
- 2K MAC forwarding addresses
- Fanless & wide operating temperature range (-40 ~ 75℃)
- Dual power input (12~58 VDC) & Reverse power protection
- IP30
- DIN-Rail and Wall mounting option
- Hi-POT 1.5kV

Description

CTS IES-3005 provides 5 Gigabit Ethernet ports to fulfill the needs of the rapid growth of communication traffic of Industrial network. To make the network truly plug-and-play, they are designed to fit in standard industrial applications without complex setup. CTS IES-3005 also features temperature-hardened designs with high reliability, they are able to overcome harsh environment, which is common in industrial applications.

Specification

Interface
5 x 10/100/1000Mbps (RJ-45)

Standard
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.3ab 1000Base-T

LED
P1, P2, ALM, Link & Speed

HW Specification
- Store and Forward Switching
  Mechanism/non-blocking switching
  engine
- Auto-negotiation in TP port
- Auto-crossover for MDI/MDIX in TP port
- MAC addresses: 2K
- Jumbo frames: 9K Bytes

Power Requirement
- Redundant Power Input
- Reverse power protection
- Input voltage range: 12-58 VDC

Environmrntal Condition
- Operation: -40 ~ 75℃
- Storage: -40 ~ 85 ℃
- Humidity: 5 to 95%, non-condensing

Dimension & Weight
- Ingress protection: IP30
- Dimension: 29.1 x 89.4 x
109.2mm(WxDxH)
- Weight: 0.29Kg
- Installation option: DIN-Rail mounting,
   Wall mounting

EMC/Safety
- Vibration, shock & freefall: IEC60068-2-6,
  -27, -32
- Certification compliance: CE/FCC
- Electrical safety: CE
- EMC: FCC Part 15, CISPR 22 (EN55022)
  Class A, IEC61000-4-2, -3, -4, -5, -6 (Level 3)
- RoHS and WEEE: RoHS (Pb free) and WEEE
  compliant

Order Information

IES-3005 Series

MODEL	Description	Gigabit Ethernet Port	
		10/100/1000BaseTX	1G(SFP)
IES-3005	Industrial 5-Ports Gigabit Ethernet Switch	5	N/A

Power Supply

Model	Description	Working Temperature
DR-15-12	12V/15W DIN-Rail Power Supply	Working Temperature : -20℃~55℃ , 15W
MDR-20-12	12V/20W DIN-Rail Power Supply	Working Temperature : -20℃~50℃ , 20W
MDR-60-48	48V/60W DIN-Rail Power Supply	Working Temperature : -20℃~55℃ , 60W
SDR-75-48	48V/75W DIN-Rail Power Supply	Working Temperature : -25℃~60℃ , 75W
SDR-120-48	48V/120W DIN-Rail Power Supply	Working Temperature : -25℃~60℃ , 120W
WAP-POWER-48D240/SDR-240-48	48V/240W DIN-Rail Power Supply	Working Temperature : -25℃~60℃ , 240W

* Choose the appropriate power supply based on power watt requirement