IES-3005 Industrial Gigabit Ethernet Switch

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

Features

- 9K Jumbo frames
- L2 wire-speed switching engine
- 2K MAC forwarding addresses
- Fanless & wide operating temperature range (-40 to +75°C)
- 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)

■ Standards
-IEEE 802.3 10Base-T
-IEEE 802.3u 100Base-TX/FX
-IEEE 802.3ab 1000Base-T

■ H/W 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

■ LED
P1, P2, ALM, Link & Speed

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

■ Environmental Condition
-Operation: -40 ~ 75°C
-Storage: -40 ~ 85 °C
-Humidity: 5 to 95%, non-condensing

■ Dimension & Weight
-Ingress protection: IP30
-Dimension: 29.1 x 89.4 x 109.2 mm
 (W x D x H)
-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

Model	Description	Gigabit Ethernet Port	
		10/100/1000BaseTX	1G(SFP)
IES-3005	Industrial 5-PortsGigabit Ethernet Switch	5	-

Power Supply

Model	Description	Remarks
SDR-480-48	48V/480W Din-Rail Power Supply	Working Temperature: -25°C ~ 70°C
SDR-240-48	48V/240W Din-Rail Power Supply	Working Temperature: -25°C ~ 70°C
SDR-120-48	48V/120W Din-Rail Power Supply	Working Temperature: -25°C ~ 70°C
SDR-75-48	48V/75W Din-Rail Power Supply	Working Temperature: -25°C ~ 70°C
NDR-480-48	48V/480W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C
NDR-240-48	48V/240W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C
NDR-120-48	48V/120W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C
NDR-75-48	48V/75W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C
MDR-60-48	48V/60W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C
MDR-20-12	12V/20W Din-Rail Power Supply	Working Temperature: -20°C ~ 70°C