

IES-3008-F2 Industrial Gigabit Ethernet Switch



6 x 10/100/1000Base-T Ports
2 x 100/1000Base-X SFP Ports
Industrial Switch



Features

- 9K Jumbo frames
- L2 wire-speed switching engine
- 8K MAC forwarding addresses
- Fanless & wide operating temperature range (-40 to +75°C)
- Dual power input (12~58 VDC) & Reverse power protection
- IP30
- Hi-POT 1.5kV
- DIN-Rail and Wall mounting options

Description

CTS IES-3008-F2 provides 8 Gigabit Ethernet ports to fulfill the needs of the rapid growth of communication traffic in the Industrial network. IES Unmanaged Series is designed for supporting not only standard industrial applications but also railway applications without complex setup to make the network truly plug-and-play.

Specification

Interface

- 6 x 10/100/1000Mbps (RJ-45)
- 2 x 100/1000Mbps(SFP)

Standard

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX/FX
- IEEE 802.3ab 1000Base-T
- IEEE 802.3z 1000Base-X

LED

P1, P2, ALM, Link & Speed

HW Specification

- Store and forward L2 wire-speed/
non-blocking switching engine
- MAC addresses: 8K
- Jumbo frames: 9K Bytes
- Auto-negotiation in TP ports
- Auto-crossover for MDI/MDIX in TP ports

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: 39 x 96.9 x 117.8mm(WxDxH)
- Weight: 0.39Kg
- Installation option: DIN-Rail mounting,
Wall mounting

EMC/Safety

- Vibration, shock & freefall: IEC60068-2-6,
-27, -32
- Certification compliance: CE/FCC,
EN 50121-4
- 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-3008-F2 Series

MODEL	Description	Gigabit Ethernet Port	
		10/100/1000BaseTX	1G(SFP)
IES-3008-F2	Industrial 8-Ports Gigabit Ethernet Switch	6	2

Power Supply

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

* Choose the appropriate power supply based on power watt requirement

SFP-31-DR

MODEL	FIBER PORT					
	Speed(Mbps)	Type	Connector	Distance	Wavelength(nm)	Temperature
SFP-31FC-DR	100/1000	MM	LC	2KM/550M	1310	0°C to 70°C
SFP-31FC(SM-10)-DR	100/1000	SM	LC	10KM	1310	0°C to 70°C
SFP-31W2A(SM-10)-DR	100/1000	WDM	LC	10KM	TX:1310 RX:1550	0°C to 70°C
SFP-31W2B(SM-10)-DR	100/1000	WDM	LC	10KM	TX:1550 RX:1310	0°C to 70°C

SFP-31-D

MODEL	FIBER PORT					
	Speed(Mbps)	Type	Connector	Distance	Wavelength(nm)	Temperature
SFP-31FC-D	1000	MM	LC	550M	850	-40°C to 85°C
SFP-31FC-02-D	1000	MM	LC	2KM	1310	-40°C to 85°C
SFP-31FC(SM-10/20/40/80)-D	1000	SM	LC	10/20/40/80K	1310/1310/1310/1550	-40°C to 85°C
SFP-31W2A(SM-10/20)-D	1000	WDM	LC	10/20KM	TX:1310/1310 RX:1550/1550	-40°C to 85°C
SFP-31W2B(SM-10/20)-D	1000	WDM	LC	10/20KM	TX:1550/1550 RX:1310/1310	-40°C to 85°C