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5 Port Unmanaged Fast Ethernet Industrial Ethernet Switch, Model IES 1050 EN

Features



- ✓ 5 Port 10/100Mbps Ethernet RJ45
- ✓ 10/100Mbps Auto-negotiation, Auto-MDI/MDI-X
- ✓ LED indicators for monitoring Power/Link/Activity
- ✓ Supports 10/100Mbps-Full/Half-duplex
- ✓ DIN-Rail installation
- ✓ Supports Broadcast Storm Control
- ✓ 6KV Super lightning protection for the Ethernet Port
- ✓ IP40 Ingress protection.
- ✓ Excellent heat elimination without cooling fan.
- ✓ Dual DC power inputs.
- ✓ -40°C to 85°C Operating Temperature range.

Specification

Interface : 5 x10/100Base-T Ethernet port
Network Protocols : IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u, 100Base-TX/FX, IEEE802.3x
Network Media : 10BASE-T: Cat3, 4, 5 UTP (≤ 100 meter)
: 100BASE-TX: Cat5 or later UTP (≤ 100 meter)

Performance

Packet Buffer Memory : 512KB
Transmission data max. support : 1518 bytes (Frame Size)
MAC Address Table Size : 2K
10 Mbps Packet Forwarding Rate : 14880 pps/port
100 Mbps Packet Forwarding Rate : 148809 pps/port
Forwarding Mode : Store-and-Forward
LED Indicators : PWR, Link/ACT
MTBF : 300,000 hours

Power Supply

Input Power : 12 to 48 VDC (Terminal Block), Dual Input Supply
Power Consumption : Max 4W
Connectors : Terminal block
Overload protection : Yes

Working Environment

Working temperature : -40°C to 85°C
Storage temperature : -45°C to 85°C
Relative Humidity : 5%~95 % (no condensation)

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Mechanicals

Ingress Protection : IP40, Metal enclosure
Installation : DIN-Rail
Weight : 0.6KG
Size : 115 x 83 x 32 mm (H*D*W)

Tested as per the Approval standards

CE, FCC CFR47 Part 15 Class B, EN55022/CISPR22, Class A

EMS:

IEC61000-4-2 (ESD) : ±8kV (contact), ±15kV (air)

IEC61000-4-3 (RS) : 10V/m (80MHz-2GHz)

IEC61000-4-4 (EFT) : Power Port: ±4kV, Data Port: ±2kV

IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM, Data Port: ±2kV

IEC61000-4-6 (CS) : 3V (10kHz-150kHz), 10V (150kHz-80MHz)

IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

IEC (EN) 61000-4-8

IEC 60068-2-27(Shock)

IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)

Ordering Code : IES 1050 EN

IES : Unmanaged Industrial Fast Ethernet Switch

1050 : 5 Copper Ports, 10/100Mbps

EN : Fixed