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Compact Industrial Ethernet Unmanaged Switch, Model IES S 1080

Feature



- 8x10/100Base-T(X) ports
- Supports Full-duplex or Half-duplex
- 10/100Mbps Auto negotiation
- Auto MDI/MDI-X
- Built-in Store-and-Forward, support multiple protocols
- Transmission data max. support 1518 bytes
- Telecom standard, MTBF>500,000 hours
- Alarm Relay

Specification

Standards

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-T(X) & 100Base-F(X)

IEEE802.3x flow control for Full Duplex & Back pressure flow control for Half Duplex

Ports

RJ45 port : 8x10/100Base-T(X), auto detection, Full/Half-duplex, Auto MDI/MDI-X

LED indication : PWR, 8 no's RJ-45 indicators

Buffer Size : 1M

Auto-Uplink : Every Port

MAC Address Table : 2K

Bandwidth : 1.6G

Packet Forwarding Rate : 148810pps

Network Ports Surge Protection : Common mode 2KV

Power Requirement

Voltage input : Dual Input, DC 12-48V, Reverse Polarity Protection

Power consumption : 2.5W Max

Terminal block : 1 pluggable 6-pin terminal block

Overload protection : Yes

Reverse polarity protection : Yes

Alarm contact : 1 channel relay output, NONC, 1A@24VDC

Mechanical Characteristics

Ingress : IP30

Case : Steel

Installation : DIN-Rail/ Wall-mounted

Dimension : 37mm×150mm×100mm (W x H x D)

Weight : 715 gms

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Environment

Operating temperature : -10°C to 70°C
Storage temperature : -40°C to 85°C
Relative humidity : 5% to 95% (non-condensing)

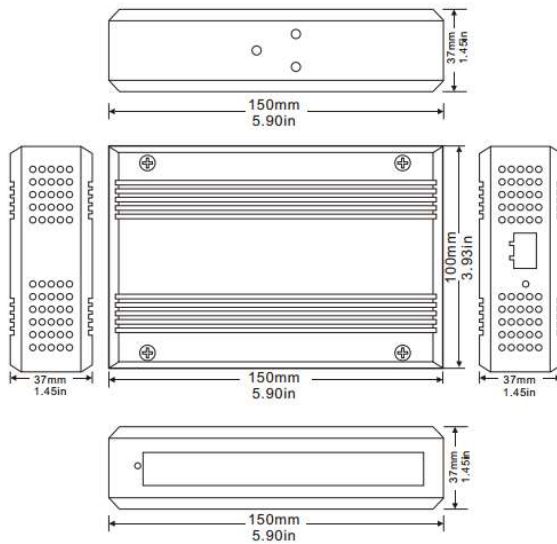
Industrial Standards tested for

EMI: CE, FCC Part 15 Subpart B Class A, EN55022 Class A

EMS:

IEC (EN) 61000-4-2(ESD), level 3	IEC (EN) 61000-4-8
IEC (EN) 61000-4-3(RS), level 3	IEC 60068-2-27(Shock)
IEC (EN) 61000-4-4(EFT), level 3	IEC 60068-2-32(Freefall)
IEC (EN) 61000-4-5(Surge), level 3	IEC 60068-2-6(Vibration)
IEC (EN) 61000-4-6(CS), level 3	

Dimension Diagram



Product Ordering Code : IES S 1080