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8 Port Compact Unmanaged Industrial Ethernet Switch, IES 1080 A



IES1080A is 8-port 10/100M Industrial Ethernet switch, which support IEEE 802.3 and IEEE 802.3u/x with 10/100M full/half-duplex, MDI/MDI-X Auto-sensing, housed in rugged DIN Rail mounted.

IES1080A has 12/24/48VDC (9.6 to 60VDC) Redundant power inputs that can be connected simultaneously. These switches have been designed for harsh industrial environments such as Industrial networking, Intelligent transportation systems (ITS) etc.,

Technical Specifications

Standards

IEEE 802.3 for 10BaseT
IEEE 802.3u for 100BaseT(X)
IEEE 802.3x for flow control

Performance

Processing Type : Store and Forward
Back Bandwidth : 1.2Gbps
MAC Address Size : 2K
Packet Buffer Size : 512Kbit
Time Delay : <10us
Maximum packet length : 2048bytes
Auto-Uplink : Yes
Packet Forwarding Rate : 1.1904Mpps

Ports

Copper : RJ45, 8*10/100Base-TX
Auto detection, Full/Half-duplex, Auto MDI/MDI-X
Transmission mode : Built-in Store-and-Forward
Support Ethernet ESD protection
4KV Network Ports Surge Protection
2KV EFT Protection

LED indicators PWR1, PWR2, Link/Act

Power

Input : 12 to 58 VDC, Redundant power Inputs
Power Consumption : ≤5W
Connector : Terminal Block
Reverse Power polarity protection
Overload current protection
Provides EFT protection for Power line

Environment

Operating Temperature : -40°C to +85°C
Relative Humidity : 5-95% (no condensation)

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Physical Characteristics

IP40 Protection, Aluminum Alloy
DIN-rail mounting
Dimension : 137*106*44mm
Weight : 485g

Standards and Certifications tested for

EMC CE
EMI FCC Part 15 CLASS A
EMS EN 61000-3-2: 2014
EN 61000-3-3: 2013
EN 61000-4-2: 2009
EN 61000-4-3: 2006+A2: 2010
EN 61000-4-4: 2012
EN 61000-4-5: 2014
EN 61000-4-6: 2014
EN 61000-4-11: 2004

LVD/Safety IEC60950-1-A1-E
Shock IEC 60068-2-27
Freefall IEC 60068-2-32 0.5m
Vibration IEC 60068-2-6

Order Information : IES 1080 A

IES 1080 : 8 Port Unmanaged Switch
A : Fixed