8 PORT UNMANAGED ETHERNET SWITCH

8 Port x 10 / 100 Mbps

OVERVIEW

This unmanaged Industrial Ethernet switch is designed for stable performance and High Quality. It is suitable for Industrial application such as Intelligent transportation, Rail Transit, Electric Power, Mining, Metallurgy and Green Energy Construction to form a Cost-Effective and stable Communication Network. Unmanaged Model, Plug and Play, No Configuration, Easy to use.

The switch complies with CE, FCC and RoHS standards, and passed the 100% burning test to ensure that it will fulfill the needs of industrial applications. It is a good choice for an economical solution for industrial Ethernet connections.

MODEL NO. : LH-8-ES00

CE FCC RoHS

APPROVALS

INDUSTRIAL GRADE

FAN-LESS DESIGN

REDUNDANT POWER

5

YEARS WARRANTY

WIDE VOLTAGE RANGE

Features

- 8 Port 10/100Mbps RJ45
- Redundant Dual DC Power inputs
- Wide Voltage Range : 18-30V DC
- 10/100Mbps Auto-negotiation, Full/Half duplex mode,
- Auto-MDI-MDI-X
- LED Indicators for monitoring Power/Link/Activity
- Supports Daisy-Chain connection
- Supports Relay output for power failure
- Supports Relay output for power failure
- Super Lightening Protection, IP40 protection
- Excellent heat elimination without cooling fan
- -40C~+85C operating temperature range
- Din-Rail mounting, Easy to install and use

TECHNICAL PARAMETER

STANDARDS
Shock : IEC 60068-2-27
Free Fail : IEC 60068-2-32
Vibration : IEC 60068-2-6
EMI : FCC CFR47 Part 15, EN55022/CISPR22, Class A
industry : IEC61000-6-2
Rail : EN50155, EN50121-4
Traffic : NEMA TS-2

EMS
EN61000-4-2 (ESD), Level 3
EN61000-4-3 (RS), Level 3
EN61000-4-4 (EFT), Level 3
EN61000-4-5 (Surge), Level 3
IEC61000-4-8 (100A/m), Level 3
IEC61000-4-11, Level 3

COPPER PORT
8 RJ45 Ports : 10/100Base-T(X) auto negotiation
Comply with (IEEE8023, IEEE802.3u, 10/100Base-TX
10/100Base-TX auto negotiation speed
Full/Half duplex mode
Auto MDI-MID-X connection
Up to 100M Cat-5 transmission distance

SWITCH PROPERTIES
MAC Table Size : 8K
Packet Buffer Size : 1Mbit
Processing Type : Store and Forward
Exhange properties : 148800pps (100M)

POWER
Input Voltage : 24V DC (18-30VDC)
Input Current : <0.5A @24VDC
Overload Current Protection : Present
Reverse Polarity Protection : Present
Redundant Protection : Present

IN PARTNERSHIP WITH

EPITOME ELEKTRONIK GmbH, Solingen Germany

EPITOME ELEKTRONIK GmbH
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Made in Germany

ENVIRONMENTAL LIMITS
Operating Temperature : -40C~+85C
Storage Temperature : -40C~+85C
Humidity : 5~95% RH (non-condensing)

PHYSICAL CHARACTERISTICS
Housing : Aluminum Alloy with IP40 Protection
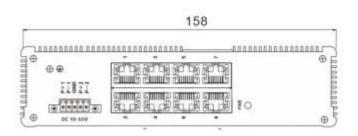Dimension : 158mm(L) x 118mm(W) x 42mm(H)
Weight : 600g
Installation : Din-Rail mounting

DIMENSION