ESW108-A

8FE Slim-type Unmanaged Industrial Ethernet Switch with Low Vac Power Input



Features

- 8 x fast Ethernet ports with auto MDI/MDI-X
- Supports 10/100 Mbps auto negotiation
- · Compact size with DIN rail and wall mount
- Supports redundant 12~48 V_{DC} or 10~24 V_{AC} power input
- Wide operating temperature range of -40 ~ 75°C
- C1D2 for hazardous locations



Introduction

The ESW108-A provides a fast Ethernet solution. Power is delivered via either $+12 \sim 48 \text{ V}_{DC}$ or $10-24 \text{V}_{AC}$ redundant input design. The ESW108-A comes with a compact metal enclosure, making it suitable for installation in narrow areas. The IP30-rated enclosure ensures protection against dusty industrial environments. The ESW108-A is also compliant with C1D2, making it perfect for harsh environments.

Specifications

Communications

Standard IEEE 802.3, 802.3u, 802.3x
LAN 10/100BASE-TX
Transmission Distance Up to 100 m
Transmission Speed Up to 100 Mbps

Interface

Connectors 8 x RJ45

4-pin removable terminal (power)

LED Indicators
PWR1. PWR2

10/100TX: link/activity, duplex

Power

• **Power Consumption** 5.1 Watts

Power Input
12~48 V_{DC} or 10~24 V_{AC}, redundant dual inputs

Mechanism

Dimensions (W x H x D) 30 x 140 x 95 mm (1.18" x 5.51" x 3.74")
Enclosure IP30, metal housing with solid mounting kit

• Mounting DIN rail, wall

Protection

Reverse Polarity PresentOverload Current Present

Environment

Operating Temperature -40 ~ 75 °C (-40 ~ 167 °F)
Storage Temperature -40 ~ 85 °C (-40 ~ 185 °F)
Operating Humidity 10 ~ 95% (non-condensing)
Storage Humidity 10 ~ 95% (non-condensing)

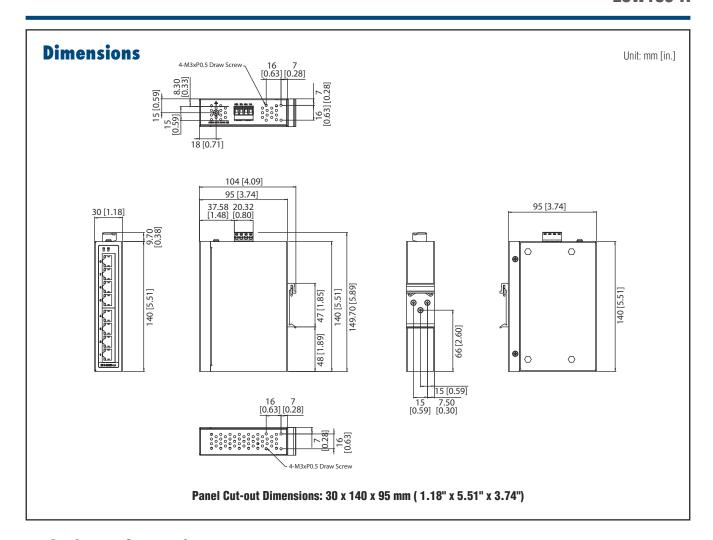
• MTBF TBD

Certification

• **Safety** EN 60950, UL60950, Class 1 Division 2

EMI
CE, FCC Class A
EMS
EN 61000-4-2 (Level 3)
EN 61000-4-3 (Level 3)
EN 61000-4-4 (Level 3)
EN 61000-4-5 (Level 3)
EN 61000-4-6 (Level 3)
EN 61000-4-8 (Level 3)

Shock IEC 60068-2-27 Freefall IEC 60068-2-32 Vibration IEC 60068-2-6



Ordering Information

• ESW108-A 8FE Slim-type Unmanaged Industrial Ethernet Switch with Low Vac Power Input