**ESW108-A**

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

**Introduction**

The ESW108-A provides a fast Ethernet solution. Power is delivered via either +12 ~ 48 VDC or 10~24 VAC 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 100m
- Transmission Speed: Up to 100 Mbps

**Interface**
- Connectors: 8 x RJ45
- LED Indicators: PWR1, PWR2, PWR3, 10/100TX: link/activity, duplex

**Power**
- Power Consumption: 5.1 Watts
- Power Input: 12~48 VDC or 10~24 VAC, 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: Present
- Overload Current: Present

**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 VDC or 10–24 VAC power input
- Wide operating temperature range of -40 – 75°C
- C1D2 for hazardous locations

**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
- 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

All product specifications are subject to change without notice. Last updated: 15-Aug-2019
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Dimensions

Unit: mm [in.]

Panel Cut-out Dimensions: 30 x 140 x 95 mm (1.18" x 5.51" x 3.74")

Ordering Information

- ESW108-A
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