Introduction
The ESW105-A provides a fast Ethernet solution. Power is delivered via either +12 ~ 48 VDC or 10~24VAC redundant input design. The ESW105-A comes with a compact metal enclosure, making it suitable for installation in narrow areas. The IP40-rated enclosure ensures protection against dusty industrial environments. The ESW105-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: 5 x RJ45
- LED Indicators: PWR1, PWR2
  10/100TX: link/activity, duplex

Power
- Power Consumption: 4.1 Watts
- Power Input: 12–48 VDC or 10–24 VAC, redundant dual inputs

Mechanism
- Dimensions (W x H x D): 25 x 80 x 84 mm (0.984" x 3.150" x 3.307")
- Enclosure: IP40, metal housing with solid mounting kit
- Mounting: DIN rail, wall

Protection
- Reverse Polarity: Present
- Overload 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

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

Panel Cut-Out Dimensions: 25 x 80 x 84 mm (0.984” x 3.150” x 3.307”)

**Ordering Information**

- **ESW105-A**
  5FE Slim-type Unmanaged Industrial Ethernet Switch with Low Vac Power Input