



Entrada2DMT

Entrada2DMR



Overview

These adapters are specifically designed to interface with Network Door Controllers. They route power (PoE/PoE+) from a PoE switch or Midspan to the Network Door Controller and accommodate up to two (2) Fail-Secure strikes or Fail-Safe mag locks. The receiver features a supervised Fire Alarm Disconnect which releases locking devices while maintaining power to the Network Door Controller. The Fire Alarm Interface feature allows multiple units to be interconnected enabling any or all to be affected from a single FACP trigger input.

Specifications

Input Power:

- For UL 60950-1 use a UL Listed Endspan/Midspan LPS limited power source.
- For UL 294 use a UL Listed PoE/PoE+ (IEEE 802.3af/at) Midspan/Endspan.

Power Output:

- Both lock outputs are selectable for either 12VDC or 24VDC and rated @ 8W (12V/667mA, 24V/333mA) each maximum (16W combined). Total power rated @ 30W (PoE and lock power).

Trigger Input:

- 12VDC-24VDC shutdown trigger (Receiver).
- Two (2) independent 12VDC-24VDC access control trigger inputs (Transmitter).

Fire Alarm Disconnect:

- Supervised Fire Alarm Disconnect is selectable for Normally Open (N.O.) or Normally Closed (N.C.) trigger input.

Ethernet:

- Connectivity: RJ45.
- Wire type: 4-pair CAT-5 or higher structured cable.
- Distance: 100m max.
- Speed: 10/100BaseT.

LED Indicators:

- **Entrada2DMR:**
Output to Entrada2DMT RJ45 connector:
Green - Remote Aux. OFF, Yellow - N/A.
Midspan/Endspan Input RJ45 connector:
Yellow - PoE UP, Green - N/A.

LED Indicators (cont'd):

- **Entrada2DMT:**
Network Door Controller RJ45 connector:
Yellow - Output 1 ON, Green - Output 2 ON.
Input from Entrada2DMR RJ45 connector:
Green - PoE Output ON, Yellow - PoE Input ON.

Environmental:

Operating Ambient Temperature:

Entrada2DMR:

32°F to 122°F (0°C to 50°C).

Entrada2DMT:

- For 16W @ 12VDC or 24VDC output
-4°F to 122°F (-20°C to 50°C)
- For 14W @ 12VDC or 24VDC output
-4°F to 131°F (-20°C to 55°C)
- Total power DC output plus PoE output not to exceed 30W.
- Storage Temperature: -4°F to 167°F (-20°C to 75°C).
- Relative humidity: 85%, +/- 5%, non-condensing.
- Operating Altitude: -1000 to 6,561.679 ft.
(-304.8 to 2000m).

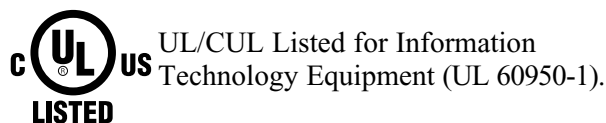
Applications:

- Single PoE+ input powers up to two (2) locks and one (1) access controller. Fire Alarm input trigger allows the ability to disconnect lock power without dropping power to the IP/PoE Access Control Panel.

Mechanical:

- Dimensions (H x W x D approx.):
3.5" x 3.5" x 1" (88.89mm x 88.89mm x 25.4mm)
- Product weight (approx.): 0.45 lbs. (0.2kg).
- Shipping weight (approx.): 0.8 lbs. (0.36kg).

Agency Approvals



UL Listed for Access Control Systems (UL294) and Power over Ethernet (PoE) for Access Control (UL294B).



CSFM - California State Fire Marshal Approved.