ARCHITECTURAL SPECIFICATIONS
EXB-REL8
ICSLan Relay Interface (FG2100-20)

DESIGN

- ICSLan Device Control Interface allows users to manage devices remotely from an AMX Central Controller over a standard Ethernet network.

- Practical solution for conference rooms, classroom or auditoriums where a single controller is used to manage multiple devices such as projectors spread throughout a facility or to add additional ports to an AMX Central Controller.

- Relay Control Interface shall employ Native NetLinx Technology making it simple to add expansion to an AMX installation. Relay Control Interfaces that do not employ Native NetLinx Technology shall not be accepted.

- Relay Control Interface must include Standard, Ethernet-Based Interface using familiar installation methodology utilizing standard switches rather than proprietary distribution hardware. Relay Control Interface Devices that do not include a standard, Ethernet-Based Interface shall not be accepted.

- Relay Control Interface must be powered over Ethernet. Relay Control Interface devices that are not powered over Ethernet shall not be accepted

- Relay Control Interface includes one (1) ICSLan 10/100 Ethernet port. Relay Control Interface devices that do not include one (1) ICSLan 10/100 Ethernet port shall not be accepted.

- Relay Control Interface must include at least eight (8) isolated and independent relay ports that provide contact closure output. Relay Control Interface devices with less than eight (8) relay ports or not isolated and independent shall not be accepted.

TECHNICAL SPECIFICATIONS

- Power requirements: PoE - Typical power draw: 1.9 Watts - Max power draw: 3.4 Watts
- Dimensions: 1" x 4 3/8" x 5 1/8" (2.5 cm x 11.1 cm x 13.00 cm) (1 RU)
- Weight: 1.02 lb. (463 g)
- Enclosure: Steel, black powder coated finish
- Eight relays, 1A @ 24VAC / 28VDC
- STATUS LEDs
    - 1 Green LED shows connection and power status
    - 1 Green LED shows Ethernet Link status and activity
    - 8 Red LEDs (1 per relay) show relay activity
- CONNECTIONS / WIRING
    - 1 RJ-45 ICS-LAN Ethernet Connector
    - 2 8-Pin 3.5mm captive-screw terminals

OPTIONAL ACCESSORIES

- NXA-ENET8POE: Gigabit Ethernet Switch
- PS-POE-AF: PoE Injector
- AVB-VSTYLE-SURFACE-MNT: V-Style Module Surface Mount
- AVB-VSTYLE-RMK-1U: V-Style Module tray
- AVB-VSTYLE-RMK-FILL-1U: V-Style Module tray with filled plates
- AVB-VSTYLE-POLE-MNT: V-Style Module Pole Mount