Altronix®

AL642ULADA
NAC Power Extenders

Rev. AL642ULADA_A27K

Overview

The AL642ULADA are extremely cost effective voltage regulated remote NAC Power Extenders. They may be connected to any 24 volt Fire Alarm Control Panel (FACP). Primary applications include Notification Appliance Circuit (NAC) expansion (supports ADA requirements) and will provide auxiliary power to support system accessories.

Specifications

- 24VDC rated @ 6.5 amp max.
- Four (4) Class A or four (4) Class B outputs.
- Two (2) Class A or two (2) Class B FACP inputs.
- Two (2) NC dry contact trigger inputs.
- Four (4) Class A or four (4) Class B indicating circuits.
- Two (2) Class B outputs may be paralleled for more power on an indicating circuit.
- One (1) Aux. Power Output @ 1 amp supply current (w/battery back up).
- One (1) Aux. Power Output @ 1 amp supply current (w/o battery back up).
- Signal Circuit Trouble Memory - facilitates quickly locating intermittent system trouble and eliminates costly and unnecessary service calls. LEDs indicate a prior fault (short, open, ground) has occurred on one or more signaling circuit outputs.
- 2-wire Horn/Strobe Sync mode allows audible notification appliances (Horns) to be silenced while visual notification appliances (Strobes) continue to operate.
- Horn/Strobe sync protocols include: Gentex®,

System Sensor®, Faraday, Amseco.
- Temporal Code 3 Mode.
- Steady Mode.
- Input to Output Follower Mode (maintains synchronization of notification appliance circuits).
- March Time.
- Compatible with 24VDC fire panels.
- Ground fault detection.
- Input 115VAC.
- AC fail supervision (form "C" contacts).
- Low battery supervision (form "C" contacts).
- Battery presence supervision (form "C" contacts).
- Power supply, logic board, red enclosure, cam lock, transformer & battery leads.
- Enclosure:
  - Combination knockouts re 1/2" and 3/4"
  - Accommodates up to two (2) 12VDC/12AH batteries.

AL642ULADA weight:
Product weight: 13.7 lbs.
Shipping weight: 18.05 lbs.

Agency Approvals

UL Listed Control Units and Accessories for Fire Alarm Systems (UL 864),

California State Fire Marshal Approved.

MEA Approved NYC Department of Buildings Approved.

FM APPROVED Factory Mutual Approved.

Enclosure Dimensions

18"H x 14.5"W x 4.625"D