



Advantage Lithium Panel Features

Advantage Li Features

The AdvantageLi Dual Release Zone, Dual Battery Control Panel part no. 830030 is the result of years of rugged mining, transit, and military electronic control panel evolution and design experience. The AdvantageLi control panel uses lithium thionyl chloride batteries that operate for up to one year on the primary battery and includes an identical secondary backup battery as a UL required backup power source.

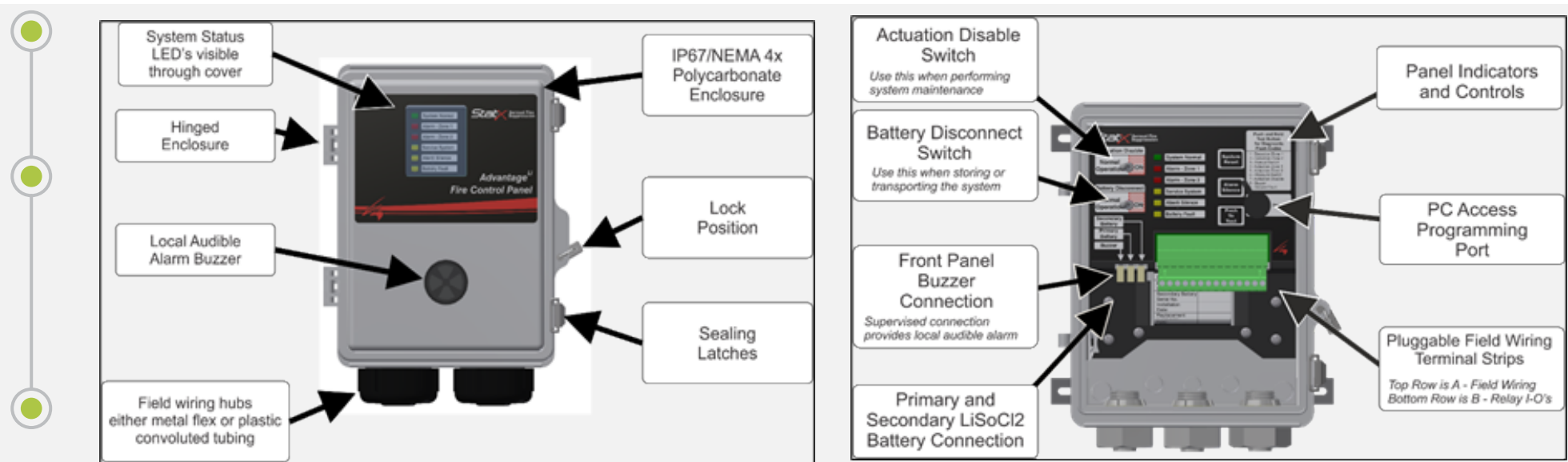
Multiple auxiliary optically isolated relays provide up to 1/2 amp switching capability and can interface to auxiliary relay modules for additional switching and logic functions. The auxiliary relay modules provide high current switching capability for solenoid operated gas valves, remote fans, etc. A dedicated set of Fire Alarm Control Panel (FACP) contacts are provided, which allow supervision of the control panel by remote FACP's or other control devices. The AdvantageLi panel is constructed using RoHS compliant materials and production methods throughout.

Exterior Features

The AdvantageLi enclosure material is fiberglass reinforced polycarbonate and is listed as UL508/NEMA Type 4X with an IP-67 Rating and a UL-94V0 flammability rating. A locking hasp is provided for end-user security purposes. Two types of wiring hubs are available. The AdvantageLi part no. 830030 uses qty (3) ½" die cast liquidtight metal flex conduit wiring hubs. The AdvantageLi part no 830030-01 uses qty (3) ½" liquidtight plastic convoluted tubing wiring hubs.

A front mounted local audible buzzer provides a pulsed alarm of approx 90 dB at 2900 Hz. The audible buzzer operates during Trouble and Alarm conditions.

Illustrations



Compliance Notice

The AdvantageLi Control Panel is designed per NFPA 17, NFPA 70, NFPA 72 and NFPA 2010 standards for installation, operation, and maintenance.

Product Type: Releasing Device
Power Limited Circuits: All circuits are power limited
Supervised Circuits: Initiating (Detection), Actuation, Auxiliary, Abort
Battery Information: This control unit is designed using qty (2) lithium thionyl chloride batteries as both the primary and secondary power source. Use only Advantage-Lithium Battery part no. 830031 as replacement.

Battery Disposal: Do not incinerate, or subject cells to temperatures in excess of 100°C. Such abuse can result in loss of seal, leakage, and/or cell explosion. Dispose of in accordance with appropriate local regulations.
SDS Sheet available by contacting <http://tfsinc.com>

Emergency Contact:
Chemtec 1-800-424-9300
1-703-527-3887