

Utility Controller - Limited Application Supplemental Installation Instructions

Versions 4
Patent 6.757.589 B1



Application:

The FLA Series Controller operates as a dual output controller operated by a single switch. A low voltage input signal from an alarm notification system will disable all output circuits. The system remains inoperable until this signal is withdrawn. The panel's panic button and switch will disable the output circuits and operated devices. A manual reset is then accomplished by the pressing of the wall panel's operate button.

The unit is intended as an automated operate / shutdown controller for kitchen areas to shut down cooking devices and fuel gas outlets, typically located in a fire station, or other similar facilities.

Features:

Panic Button: Disengages the system-requiring key activation to re-engage.

Reset Button: Activates the system each time a circuit is to be engaged.

Control Switch: Activates a circuit with reset button activation or deactivates to OFF.

Panel Mounted LED: Indicates that System is Active.

Optional Features:

Time Delay Shut-down

The input signal from the alarm notification system can be delayed for up to five (5) minutes to allow for an "alarm cancelled" signal to be transmitted. Withdrawal of the notification signal prior to elapse of the delay period will cancel the shut down operation of the unit.

Remote Operator:

A secondary "slave" Controller can be incorporated into the FLA system that will operate a secondary device such as an outdoor gas grill. Including this feature will disable this secondary device and then require the primary FLA unit to be reinstated before the Remote Operator is then manually restarted.

Wiring Specifics:

Units are provided with dual outputs, 1 @ 24-vac; 1 @ 120-vac. An optional output terminal with Reset fused switches for each output circuit is available. Reset switches are rated to meet specific application requirements when ISIMET solenoids or operators are provided. When solenoids are field provided then reset switches are rated @ output circuit rating of 1.5 amps. 24-vac systems must utilize ISIMET solenoids and/or operators. 120-vac line voltage output systems are configured as “dry-contacts”. The installer must provide line and load leads to and from the unit as well as any neutral and/or ground wiring according to governing codes. Field wiring shall not bypass resets when provided with the unit. Minimum 18 AWG.

Refer to wiring schematics for additional wiring instructions.

NOTE: Perform all installation and start-up procedures per standard LA Series Controller instructions.

Specifications:

Styles	# Output Circuits	Fuse	Output Rating	Transformer	Relay Rating
LA - 2	1 @ 120 vac 1 @ 24 vac	5 amp	3 amp @ 120 vac Max.	2 amp @ 25 VCT	1 @ 1.5 amp @ 120 vac 1 @ 1.5 amp @ 120 vac

24-vac Output Circuit
and
“dry-contact” configuration
for
120-vac Output Circuits

