

# **UC 601 Universal Control – Door Fault Interrupt Feature**

## **PURPOSE**

The Door Fault Interrupt Feature was added to comply with Florida Statutes, Elevator Safety Act, Chapter 399 requirements but, could be used by anyone that wishes to provide additional hoistway entry protection.

## **INSTALLATION**

The UC601 control must be updated to firmware revision 2.62 or higher to add the Door Fault Interrupt Feature.

## **OPERATION**

Once the UC601 firmware is updated and the Door Fault Interrupt Feature is enabled with the Setup Utility, the Door Fault Interrupt Feature operates as follows.

The Door Fault Interrupt Feature is an extension of two existing errors, the first is; “a door is open but the car is not in a door zone”, the PI will display a “Z!” and the second is; “a door is open on a different floor than the current car position”, the PI will display a “D!”.

Anytime either of these two error conditions exist, the elevator will immediately be put Out of Service and the PI will alternately blink between the last known floor position and “OS”, “OS” indicates Out of Service.

The LCD display on the CPU board will alternately blink between the following two displays:

“Door Fault Interrupt”

“Elevator is Disabled”

and

“Push Cancel to Reset”

“Door Fault Interrupt”

## **CLEARING A DOOR FAULT INTERRUPT**

A Door Fault Interrupt is cleared by obtaining access to the elevator control, opening the enclosure and pressing the “Cancel” button which is located to the lower left of the LCD Display.