UC 601 Universal Control – Access Panel Feature

PURPOSE

The Access Panel Feature was added to increase the safety of our residential elevators. It does so by requiring a manual reset of the UC601 control after the Access Panel Safety Switch has been activated by opening the Access Panel.

INSTALLATION

For this feature to operate as described in this document, the Access Panel Switch must be installed and connected to the Hard Stop Safety input on the CPU board of the UC601 control and the control firmware must be updated to revision 2.44 or higher

OPERATION

Once the Access Panel Switch and wiring are installed and the UC601 firmware is updated, the Access Panel Feature operates as follows.

If the Access Panel is opened, all PIs will display "AP", "AP" for Access Panel. If the car was moving, it will immediately stop.
The LCD display on the CPU board will display:
" Open Safety Circuit "
" Hard Stop/Access Sw".

Once an Access Panel has been opened, even after closing it, the elevator will not respond to any calls until the Access Panel Fault has been cleared by manually resetting the control.

CLEARING AN ACCESS PANEL FAULT

To clear an Access Panel Fault, first the Access Panel must be closed. When the Access panel is closed, the LCD display on the CPU board will display:
"Push Cancel to Reset"
"Hard St/Access Fault"

To clear the fault, simply press the Cancel button