

HERITAGE MEDCALL TECHNICAL SPECIFICATIONS

Model HM-610 UTILITY INPUT PANEL

- 12 UTILITY INPUTS
- 4 CONTROLLED OUTPUTS
- LED INDICATORS
- SUPERVISES ALL INPUTS
- REMOVABLE TERMINAL STRIPS
- SELECTABLE INPUT MODES FOR NORMALLY OPEN AND NORMALLY CLOSED CIRCUITS



DESCRIPTION

The Sentry Model HM-610 Utility Input Panel will monitor up to 12 separate contacts for indication on the Sentry Master Console. The twelve inputs can be wired to any remote, normally opened, normally closed, or open collector output device. Typical applications of the HM-610 panel are to monitor emergency call switches, exit doors, and smoke detectors in the common area of a facility. Other types of equipment, such as HVAC and security systems, can be connected if constant monitoring is desired.

Each set of two inputs is selected to operate with a normally open or normally closed contact. The inputs set for normally open are supervised by an End-Of-Line resistor. Any open line will alert the console of trouble.

Each input has two LED indicators to show status. A yellow LED indicates the on/off condition of the input and a red LED will light to indicate an EOL trouble.

A four-position dipswitch selects the desired address. Up to 7 utility panels can be connected to each Sentry data line. The Model HM-610 is powered by the same Sentry power supply unit connected to residence panels. It will operate at 9 to 18 Volts DC.

The HM-610 has four outputs that are controlled by the master console. The outputs are sourcing transistors that will supply 12V DC positive to a load when active (120mA). Each output includes an LED indicator. When the HM-610 panel is used with the Model HM-545 Call Stations for emergency calls, these outputs control the Call Verify light on the call panels.

The Model HM-610 Utility Input Panel is equipped with a self-diagnostic routine. If the panel should fail to monitor and communicate, the console will alarm a trouble signal for that panel. A green LED will flash every cycle when the panel is tested and properly responds to the master controller. The panel's microcomputer incorporates a watchdog feature to force a reset, if data communication should fail for greater than 30 seconds. During this reset event, the red LED output indicators will flash.

Outputs will turn off when the serial data signal is lost for 20 seconds or more.

Terminal screws are provided on removable terminal blocks for the input, output, power and data connections.

The Model HM-610 enclosure measures 8"H x 7"W x 3.75"H. The all-metal enclosure has a hinged door and a 1/2" knockout on each side for conduit wiring. A label is placed on the inside door for easy identification of terminals and indicators.

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