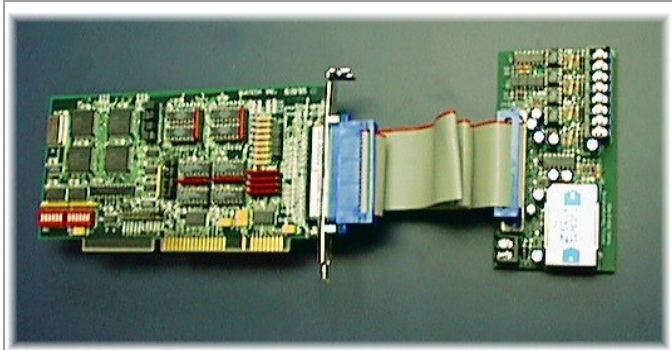


HERITAGE MEDCALL TECHNICAL SPECIFICATIONS

Model HM-503 Quad Isolated Serial Interface Card

- FOUR ISOLATED SERIAL INTERFACE PORTS
- SCREW TERMINALS FOR FIELD TERMINATION
- DIFFERENTIAL DATA LOOP CONTROL
- RS-485 DATA COMMUNICATIONS
- SUPPORTS UP TO 252 ADDRESSED DEVICES
- TRANSIENT SUPPRESSION



DESCRIPTION:

The Model HM-503 Quad Isolated Serial Interface provides four data lines, electrically isolated from the console. Isolated serial data lines are required when data lines go to a building, or building section, on a separate utility power feed. The isolation eliminates problems associated with ground currents during lightning storms and protects the console from electrical transients.

The four data lines from the same HM-503 must go to the same building. Each data line has the same capacity as standard Sentry serial interfaces, supporting up to 52 Host Panels, 8 Utility Panels, and one power supply.

Estimate the requirement of one HM-503 for every group of up to 200 apartment panels.

The console can consist of both non-isolated and isolated interfaces.

The HM-503 is powered by an isolated supply located at the console. One model HM-532 power supply is included for each HM-503 Interface.

One HM-503 Interface consists of two modules, the computer interface card and the terminal board. The HM-503 card installs in the Master Controller computer. It connects to the HM-803 Isolated Interface Terminal Board with a ribbon cable. The HM-803 attaches to the HM-595 Plastic Track for mounting. The Interface includes a 6 ft. ribbon cable, Sentry 811-243-01.

Sentry recommends using a 2 pair, 18 AWG cable, (WPW 440), when connecting between two data lines on the HM-503 Interface, and a remote terminal board.

Ordering information

Model HM-503 includes:

1 - HM-503 Interface card

1 - HM-532 Power Supply

1 - HM-595 Plastic mounting track

1 - HM-803 Terminal Board

1 - Ribbon Cable

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