



SECURE-TECH

DETENTION ELECTRONIC SYSTEMS

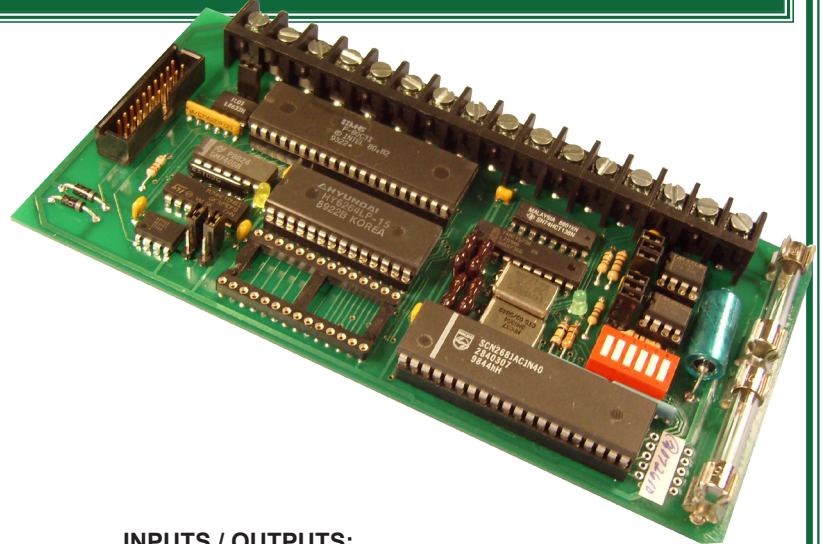
ETECH CONTROLS CORPORATION - MANUFACTURER
4051 ALVIS COURT #3, ROCKLIN, CALIFORNIA, USA 95677
TEL (916) 630-1300 • FAX (916) 630-1100 • FREE (800) 800-2523

MODEL
HC-0682

SYSTEM CONTROLLER

FEATURES:

- MASTER OR SLAVE OPERATION
- 2 RS-485 CHANNELS AT 19,200 BAUD
- 640 LOCAL INPUTS AND OUTPUTS
- 8,960 REMOTE I/O MAXIMUM
- FAILSAFE OPERATION
- FACTORY PROGRAMMING ONLY
- YELLOW AND GREEN STATUS LEDs
- 3.25" SNAP TRACK MOUNT
- 2 YEAR WARRANTY



FUNCTIONAL DESCRIPTION:

An HC-0682 System Controller master can communicate via two RS-485 channels with up to fourteen HC-0682 slave modules and / or HC-0701 Remote Panel Controllers, and a host PC.

One yellow LED and one green LED is provided to indicate multiple operational status conditions. A flashing green LED and an off yellow LED indicates normal operation. All other indication combinations identify various possible errors.

See the foldout example HC-0682 and HC-0701 system hook-up diagram for a visual concept of configuration possibilities.

SIZE:

3.25" W x 6.50" L x 0.55" D
82.6mm W x 165.1mm L x 14mm D

POWER:

5 VDC, 500ma, 1 amp PCB fuse, 2 amp buss fuse

INPUTS / OUTPUTS:

Two RS-485 channels are provided and are connected to saddle clamp type screw terminal strips sized for 22 to 12 AWG stranded conductors. The local I/O is connected via a 20-pin male header plug. The mating female ribbon type plug is provided.

A local 320 inputs and 320 outputs may be connected to each HC-0682 module via HC-0714 32 Input and HC-0715 32 Output modules, which are in turn connected to end-of-line device input modules (HC-0802), end-of-line device output modules (HC-0803), or to HC-0845/HC PLC 16 Station or shared HC-0846 PLC 8 Station Intercom Selectors.

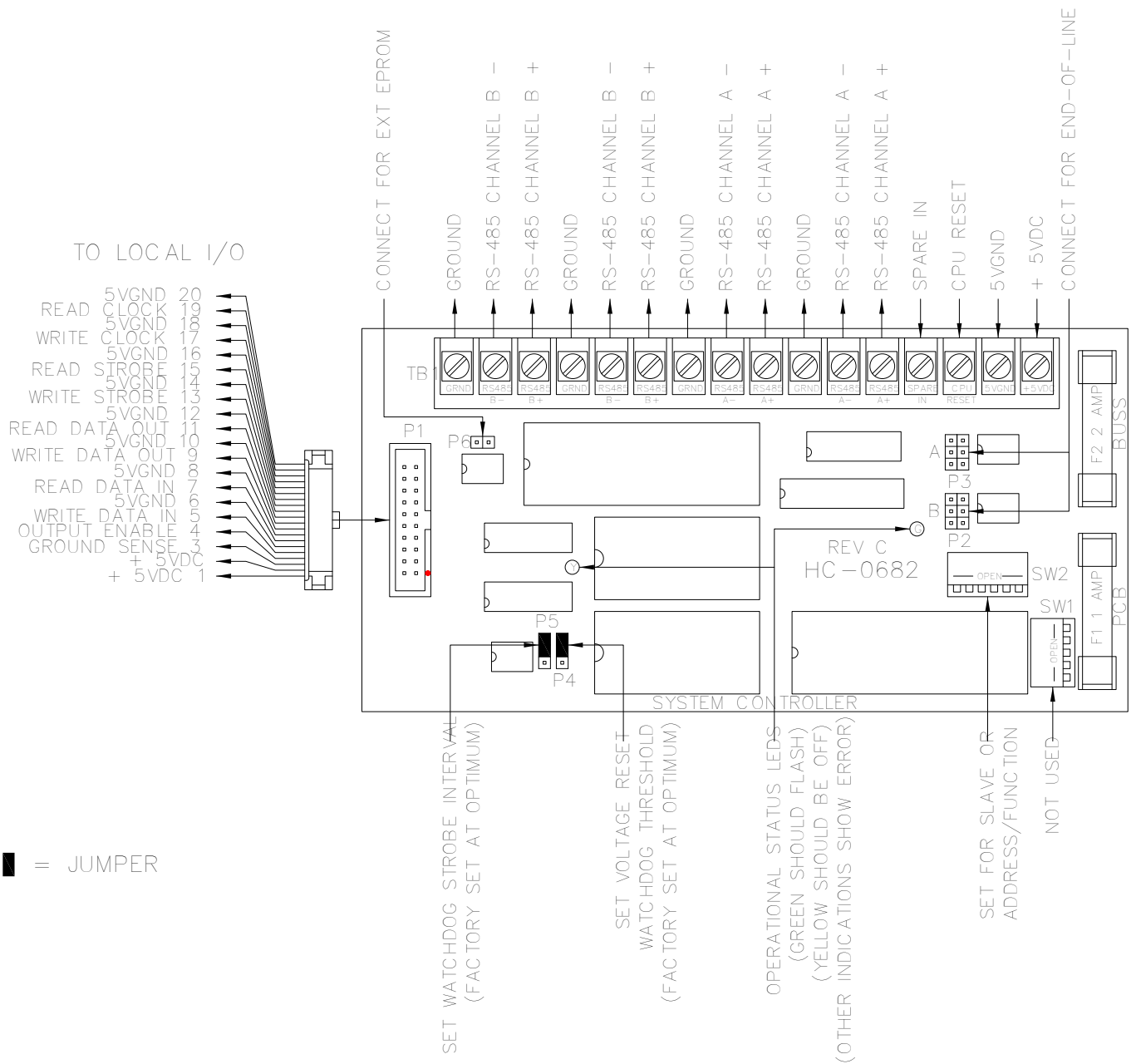
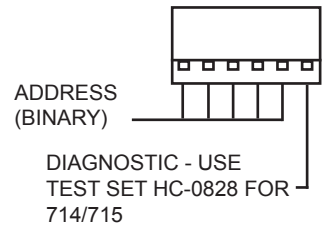
Communication with the control panel is with the 128 In/128 Out Module HC-0701 .

A second path of communications is an RS-485 serial circuit utilizing addressable HC-0850 48 Output and HC-0851 48 Input also using end-of-line device input modules (HC-0802), end-of-line device output modules (HC-0803), or to HC-0845/HC PLC 16 Station or shared HC-0846 PLC 8 Station Intercom Selectors.

A third mode of communications is an RS-485 serial circuit utilizing addressable HC-0855 8In/4Out and HC-0856 48 Input I/O with intercom. (Typical - Nurse Call or holding cell).

MODEL HC-0682 SYSTEM CONTROLLER

HOOK-UP DIAGRAM



■ = JUMPER