



REMOTE DEVICE
USER REFERENCE SHEET
FOR

REMOTE KEYPAD ASSEMBLY
Part No. 46S02880-0010

For use with MicroTrac DSD Remote Display Unit part no. 46S02791-0010

INTRODUCTION

The Remote Keypad Assembly provides the Remote Display Unit (**RDU**) with the ability to have functions initiated by keypresses at the RDU's location. The required interconnections are nine signal wires.

HARDWARE DESCRIPTION

CONFIGURATION

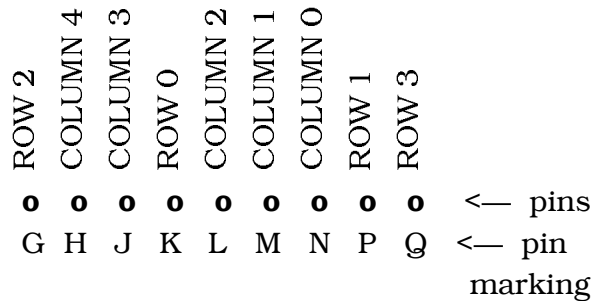
The Remote Keypad Assembly consists of a 4 x 5 matrix membrane switch keypad, with an overlay providing an embossed key "button" at each key position, set in a bezel for panel mounting. There are nine square pin terminals at the top of the back of the assembly for wiring.

POWER REQUIREMENTS

The Remote Keypad Assembly does not require any input power.

REMOTE DISPLAY UNIT INTERCONNECT

The square pin terminals on the back of the Remote Keypad Assembly will accept wiring either by wire wrap technique or by use of a mating 10-pin female connector, with one end pin position not used. The matrix assignment for each pin is as follows:



Refer to the User Reference Sheet for the RDU for required wiring connections.

OPERATIONAL DESCRIPTION

When any key on the keypad is pressed, the "row" and "column" lines for that position are shorted together to produce a "closed" switch condition. If the "KEYBOARD ENABLE" input to the RDU is active, the RDU scan recognizes this as a keypress input. For RDU response to keypresses, refer to the "RDU KEYPAD FUNCTIONS" section of the User Reference Sheet for the RDC.

When the RDU is performing self-diagnostics, pressing any key on the keypad will interrupt the exercise of the alphanumeric (upper) display of the RDU, and the XY coordinate of that key position will be displayed (refer to the "SELF-DIAGNOSTICS" section of the User Reference Sheet for the RDU).