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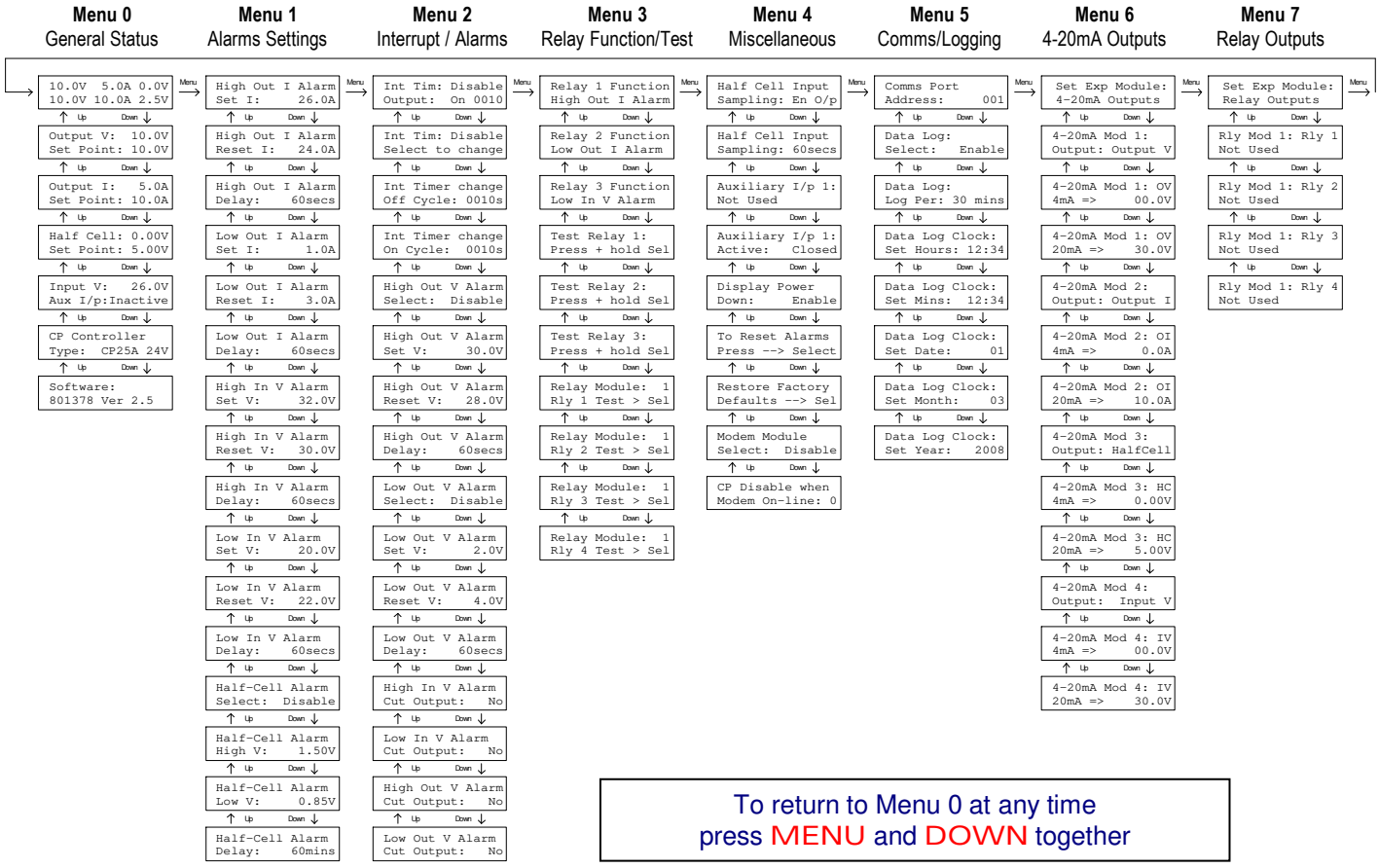
CPC Cathodic Protection Controller - Quick Menu Guide



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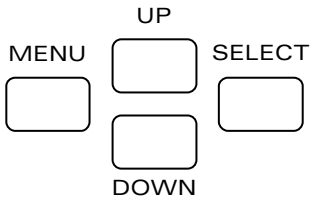

Menu Control: The CPC Controller has a built in Display panel which allows the user to display the controller's status, test functions and change various set-points on site. The MENU switch is used to navigate from one menu to the next, the UP and DOWN switches navigate within each menu, and the SELECT switch is used where shown.

Menu 1: Alarm Settings: Navigate to the Alarm Setting and press SELECT
The value will flash and can be changed by using the UP and DOWN switches. Press SELECT again to accept the change.
Further Alarm Settings can be found in Menu 2

Menu 2: Interrupt Timer: Press the SELECT switch to change the Interrupt Timer Status from Disable to Enable (or Enable to Disable if running). When the Interrupt Timer is Enabled the CP Output will turn off for the Off Cycle Time, and then turn on for the On Cycle Time, and do so repeatedly until the Interrupt Timer is Disabled. When the Interrupt Timer turns the CP Output off, the Disable Input LED will illuminate. The Interrupt Timer always starts with the Off Time (i.e. the CP Output is interrupted).

Menu 3: Alarm Relays Function and Test: Each Alarm Relay may be programmed to activate when a particular alarm or function is active. Additionally, each Relay may be tested for operation of the contacts and illumination of the associated LED.
Default Relay Settings: Relay 1: High Output Current Alarm / Relay 2: Low Output Current Alarm / Relay 3: Low Input Voltage Alarm

Menu 4: Miscellaneous Menu: Sampling of the Half-Cell (Reference Electrode) can be enabled / disabled and the time period set. The Auxiliary Input Enable and Mode are set. All active alarms can be reset and the system voltage (12V / 24V / 48V) programmed.

Menu 5: RS232 Communications and Data Logging: Configure serial communications, data logging and set the on-board clock. (Note: RS232 and data-logging is optional on the CPC10A.)

Menu 6: Expansion Module Options: Optional 4-20mA Output Transducer Modules can be configured

Menu 7: Expansion Module Options: Optional 4-Channel Alarm Relay Module can be configured

Note: saved changes are stored in non-volatile memory and will be retained during power-down of the equipment.

Refer to the Product Manual for full instructions.