



Simplify your machine control by replacing numerous hard-wired devices with one of our Micro PanelMate Electronic Operator Interfaces.



Product Summary

The D820 Micro PanelMate offers unsurpassed capabilities in a low-cost

electronic operator interface. Process variables that need to be changed no longer mean having to rewrite your PLC program.

- Designed for use exclusively with Cutler-Hammer's D50 and D300 PLCs
- Can be used to manipulate timers, counters and word registers, quickly and easily
- Can be configured to combine text with read/write or read-only data from the PLC registers

An Unbeatable Combination

Increase Operator Efficiency

- A 2 line x 16 character display provides operator information. 8 mm high characters make the display easy to view
- Membrane keypad has tactile feedback so that operators receive a physical response for sure and accurate operation
- Four navigation/increment/decrement keys, along with YES, NO, SELECT and ENTER keys, make stepping through screens easy

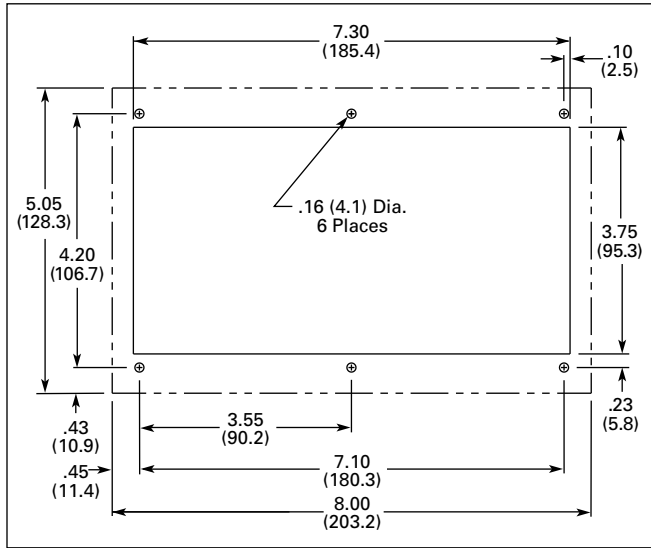
Decrease Application Development Time

- Data Tag Reference Editor can import tag database information
- Full screen simulation eliminates the need to connect a PLC or OIT during application testing

PLC Operation Security

- A PLC initiated lock-out capability provides security against operator data entry at an inappropriate time with the level of lock-out specified for either viewing any screen with no entry, or maintaining the current screen view only
- High/Low limits for data entry fields eliminate the potential for erroneous data being entered into the PLC data table

Dimensions



Software Characteristics

- Off-Line Software . . . Windows® 3.1
Windows 95, Windows NT
- Data Tag Library . . . Full import/export capability
- Edit Mode WYSIWYG

Certifications

- UL Listed
- cUL Listed
- CSA Listed
- Designed to CE specifications
- Hazardous location Class 1, Division 2

Windows is a registered trademark of Microsoft Corp.



Physical Specifications

- Display Type LCD with LED backlight
- Display Size 2 line x 16 character
- Character Height 8 mm
- Screen Memory 24K Flash EEPROM
- Operator Entry Membrane Keypad
- Navigation Keys 4
- Function Keys 2
- Other Keys SELECT, ENTER
- Mounting Single piece with captive mounting studs
- NEMA Rating 4, 4X, 12
- Approximate Dimensions . . . 5"H x 8"W x 1.5"D
(127 x 203.2 x 38.1 mm)
- Approximate Weight 1.5 lbs.

Environmental Specifications

- Operating Temperature 0° to 50°C (32° to 122°F)
- Storage Temperature -20° to 60°C (4° to 140°F)
- Relative Humidity 20 – 85%
Noncondensing
- Vibration 2G at 10 – 500 Hz
- Altitude 10,000 feet above sea level

Electronics Specifications

- Power Supply Voltage 5V DC (from front port of D50 or D300 PLC)
- Consumption 300 mA maximum
- Heat Output 1.5 watts (5.4 BTU/HR)
- Noise Immunity IEC 801-2, 3, 4, 6, 8
- Communication Port 25 pin D-Shell

Firmware Characteristics

- Pushbuttons 2
- Data Scaling Yes (8-bit)
- Extended ASCII Character Set Yes

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