Murphy's MLC380 control panel incorporates all the power and functionality of the PowerView® 380 in a panel solution for most any engine-driven application.

- Designed to be Used on Mechanical & Electronic Engines
- User Configurable Out-of-the-Box
- Set Point Alarm & Shut-down Control
- CAN J1939 Communications

**CONFIGURABLE, MULTIFUNCTION DISPLAYS FOR ELECTRONIC AND MECHANICAL ENGINES**

Whether you have an electronic or mechanical engine, the PowerView 380 display is the answer. It features a robust, multifunction display for advanced monitoring of both types of engines.

The PV380 display monitors multiple engine and machine parameters on an easy-to-read 3.8-inch (97 mm) QVGA monochrome LCD. The displays are capable of handling sophisticated engine diagnostics as well as basic engine alarm/shutdown.

The display provides an out-of-the-box solution for your system. The PV380 can easily be programmed on site with its intuitive screens and sturdy push buttons. Mount anywhere with available accessory bracket.

**AVAILABLE AS A PANEL SOLUTION**

Murphy’s MLC380 control panel incorporates all the power and functionality of the PowerView® 380 in a panel solution for most any engine-driven application.

**FOR MORE INFORMATION ABOUT MLC380, VISIT:**
ENOVATIONCONTROLS.COM/MLC380

ENOVATIONCONTROLS.COM/PV380
## PV380 SPECIFICATIONS

### DISPLAY
- **SCREEN SIZE**: 3.8 inches
- **TYPE**: Monochrome transflective LCD with white LED backlight, heater and real-time clock
- **RESOLUTION**: 320 x 240

### HARDWARE
- **KEYPAD**: 5 tactile pushbuttons
- **ALARMS**
  - (1) Red LED, warning
  - (1) Amber LED, warning
  - Setpoint triggered output for external piezo buzzer or shutdown relay
- **CONNECTORS**: Deutsch DT Series 6 and 12 pin

### COMMUNICATION
- **CAN**: (1) CAN 2.0B, J1939 Protocol; Proprietary Messaging
- **SERIAL**: RS-485

### ELECTRICAL
- **OPERATING VOLTAGE**: 6-36 VDC; reverse polarity protected
- **INPUTS**
  - (4) Resistive analog
  - (3) Analog: 0-5V, 4-20mA analog or digital
  - (1) Frequency 2-10,000Hz, 3.6-120VAC
- **OUTPUTS**
  - (2) 500mA; switched low-side

### ENVIRONMENTAL
- **OPERATING TEMPERATURE**: -40°C to 85°C (-40° to 185°F)
- **STORAGE TEMPERATURE**: -40°C to 85°C (-40° to 185°F)
- **PROTECTION**: IP66 and 67
- **VIBRATION**: 7.86g random vibe (5-2000Hz)
- **SHOCK**: ±50G in 3 axes
- **EMC/EMI**:
  - 2004/108/EC, 2006/95/EC directives
  - EN61000-6-4:2001 (emission)
  - EN61000-6-2:2001 (immunity)
  - EN 50121-3-2 and EN 12895
  - SAE: J1113/2, 4, 11, 12, 21, 24, 26 and 41

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## MLC380 SPECIFICATIONS

### HARDWARE
- **CONNECTORS**:
  - Electronic: 21-way Deutsch
  - Mechanical: 15 way amp / 10 way amp / no connector with blunt cut harness
- **DIMENSIONS**:
  - Electronic MLC380: 9.39"X7.04"X4.95" (238 X 179 X 126 mm)
  - Mechanical MLC380: 7.16"X8.33" X 495" (182X212X126 mm)

**WARNING**: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.ca.gov

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**FOR MODEL & PART INFORMATION**
[ENOVATIONCONTROLS.COM/PV380 & ENOVATIONCONTROLS.COM/MLC380]

**FOR MANUAL & SUPPORT DOCUMENTS**
[SUPPORT.ENOVATIONCONTROLS.COM]

**FOR SUPPORT & WARRANTY**
[ENOVATIONCONTROLS.COM/SUPPORT]

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