

# MurphyLink® Series ML300 Panels



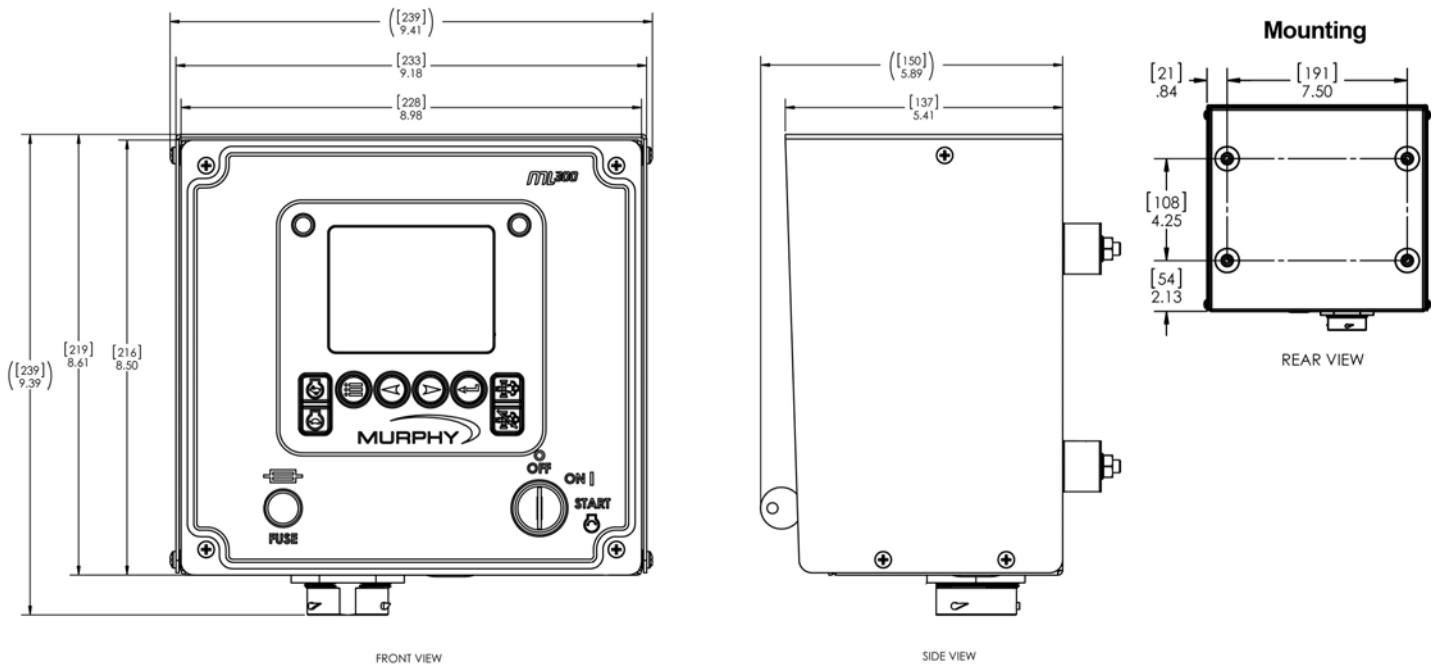
## Features

- Tier 4/Euro Stage IV ready
- Superior display visibility even in bright sunlight
- Back-mounted display for seamless panel integration
- Integrated CAN communication using SAE J1939
- Rugged enclosure using Industry standard Deutsch connectors
- Circuit Protection and Diagnostics

The MurphyLink® Series ML300 Panels include the new PowerView™ PV300, a robust, multifunction control panel that provides advanced monitoring of electronic engines designed to meet Tier 4/Euro Stage IV emissions requirements. The model PV300-P monitors multiple engine and machine parameters on an easy-to-read 3.8-inch (97 mm) QVGA monochrome LCD.

The panel is capable of handling sophisticated engine diagnostics as well as basic engine alarm/shutdown with integrated throttle control. The PV300 provides monitoring of Tier 4/Euro Stage 4 compliant electronic engines, monitors multiple J1939 parameters, and provides basic engine alarm/shutdown with integrated throttle control. Throttling communicates through TSC1 on the J1939 CAN network. The regeneration commands for inhibit and forced-regeneration communicate through J1939 CAN protocol.

## Product and Mounting Dimensions



## Specifications

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<b>Operating Voltage:</b>	12/24 VDC (9-32VDC Minimum and Maximum Voltage)
<b>Operating Current:</b>	1.2A MAX
<b>Mounting:</b>	4 - .75" Rubber Isolated Shockmounts
<b>Starting Method:</b>	KeySwitch
<b>Stopping Method:</b>	KeySwitch
<b>Display:</b>	PowerView Model 300
<b>Indication Lamps:</b>	One red, One Amber via PV300 Display
<b>Enclosure Material:</b>	Powder Coated Cold Rolled Steel
<b>Wiring Interface:</b>	1-Deutsch HDP 21pin Connector
<b>Throttle Method:</b>	TSC1 CAN Throttling (via PV300 Tactile Rocker) - Increment/Decrement - Idle/Run - Idle, Run 1, Run 2
<b>Tier 4 Regeneration:</b>	CAN Enabled (via PV300 Tactile Rocker)
<b>Operational Temperature:</b>	-40° to +85°C (-40° to +185°F)
<b>Storage Temperature:</b>	-40° to +85°C (-40° to +185°F)
<b>Box Dimensions:</b>	15.4 X 13.4 X 8.5
<b>Shipping Weight:</b>	10.0 lbs

## How to Order

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<i>Description</i>	<i>Volt</i>	<i>Panel</i>	<i>Model Number</i>	<i>Part #</i>
PV300	12/24	Enclosed	ML300	32700210



北京

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