

SWICHGAGE® Shutdown Panel Kit

PAN-8426B
Revised 07-99
Catalog Section 30
(00-02-0086)

MURPHY



W0168

W0168 and W0241

- Protection Against Dangerously Low Oil Pressure or High Temperature
- CLOSED-LOOP Circuitry Ensures Proper Operation at All Times
- Operates on 12 or 24 VDC Systems*
- Complete Kit Ready for Easy Installation
- Universal Mounting Panel



Description

The W0168 and W0241 panel kits are universal-fit instrument panels for most industrial engines. They include SWICHGAGE® protection for low engine oil pressure and high coolant or high oil temperature. These Panel Kits are similar—the W0168 has a start/stop key switch and the W0241 has a start push button.

Panel kits include:

- Low Lube Oil Pressure SWICHGAGE®
- High Coolant/Oil Temperature SWICHGAGE®
- 518PH Magnetic Switch.
- Emergency stop push button.
- Ignition key switch for start/stop (W0168).
- Push button for start (W0241).
- Ammeter 60-0-60.
- Provisions for additional SWICHGAGE® controls, such as irrigation pump pressure or engine oil temperature.
- Provisions for tachometer and throttle cable.

SWICHGAGE® is two-instruments-in-one: (1) an accurate indicating gage with (2) a built-in, adjustable limit switch.

A **518PH Magnetic Switch** provides a CLOSED-LOOP circuit to ensure proper operation at all times. The 518PH allows the system to be sensitive to open circuits, broken wires, false grounds, corrosion, loss of power and other factors which could otherwise prevent the protective controls from operating. It can be wired to either make or break a circuit for shutdown.

The **universal mounting panel** is enclosed on all 4 sides with open back. An optional back cover (model no. 30050800) is available for both kits. Panel Kits are prewired and ready to install and are available for 12 or 24 VDC systems.*

Specifications

Low Lube Oil Pressure SWICHGAGE®:

- 0-100 psi (0-689 kPa) [0-6.89 bar]
- 1/8 NPT process connection

High Coolant/Oil Temperature SWICHGAGE®:

- 130-250°F (54-121°C)
- 48 in. (1.2 m) capillary
- 1/2 NPT process connection

518PH Magnetic Switch:

12 or 24 volt (specify)

Ammeter: 60-0-60

Shipping Weight: 8 lbs. 8 ozs. (3.9 kgs.)

Shipping Dimensions:

16 x 11 x 5-1/2 in. (406 x 279 x 140 mm)

Warranty

A limited warranty on materials and workmanship is given with this FW Murphy product. A copy of the warranty may be viewed or printed by going to www.fwmurphy.com/support/warranty.htm

How to Order

To order a Shutdown Panel Kit for your application, specify model number.

W0168

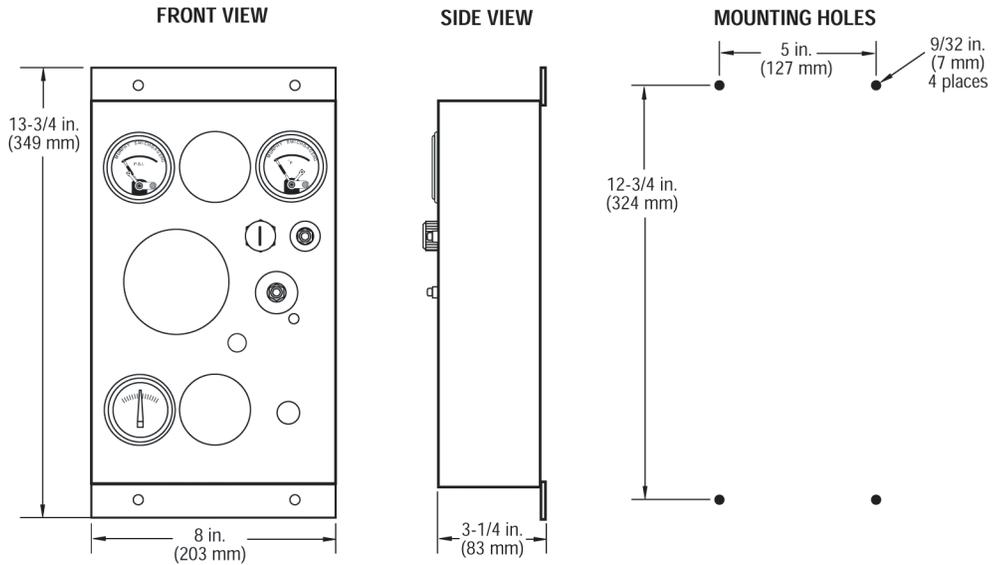
W0168B (back cover)

W0241

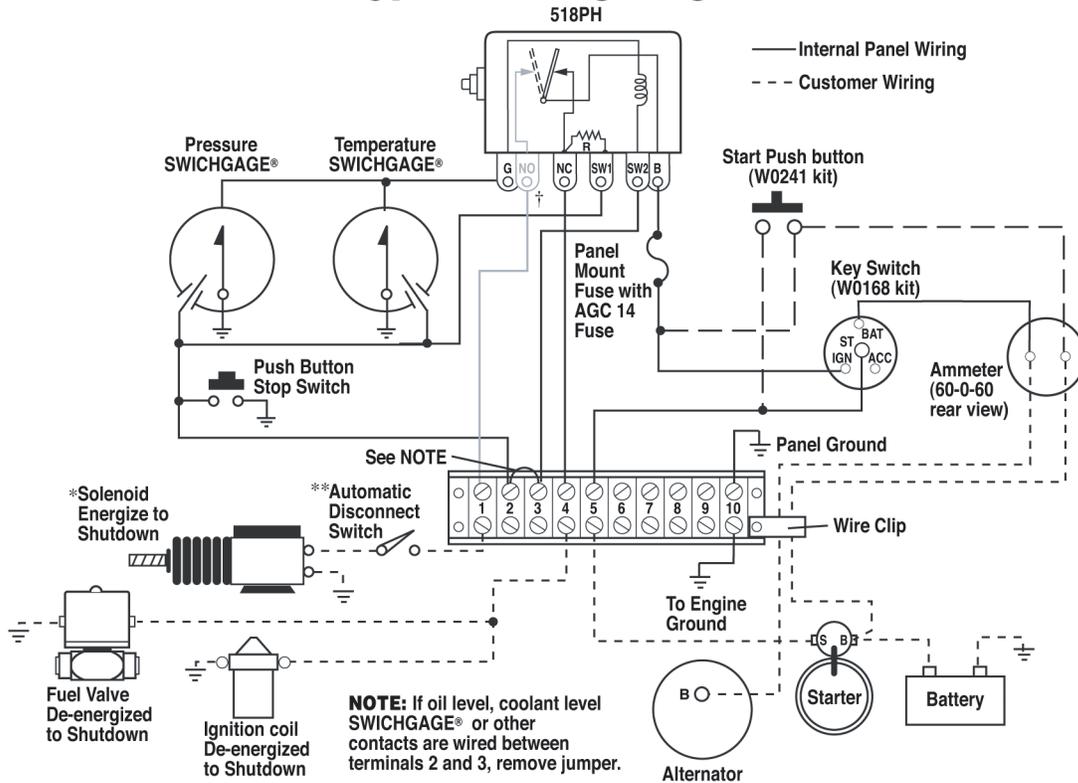
*NOTE: 12 volt kit is standard. If you require 24 volt kit—specify when ordering.

Dimensions

Dimensions below are for both Panel Kits.



Typical Wiring Diagram



*Key Switch must remain in "ON" position.
 **Such as N.O. fuel pressure switch part number 00-00-0421.

† Normally Open terminal available on model 518APH.

