

Shutdown Panel Kits for Deutz and Other Engines W0156 and W0169 Series

The W0156 and W0169 panel kits were developed specifically for air-cooled and liquid-cooled engines where a weatherproof engine panel is required. Both kits feature Swichgage® protection for low engine oil pressure and high cylinder head or high oil temperature. Shock-mounted panel bolts directly to the flywheel housing or bracket of your design.

These kits were originally designed for Deutz FL912 and FL913 Series engines but can be used on a variety of engines. Internal wiring mates with a standard Deutz circuit.

Panel kits include:

- Low Lube Oil Pressure Swichgage instrument
- Cylinder Head/Oil Temperature Swichgage instrument
- 518PH Magnetic Switch
- Alternator failure light
- Ignition key switch
- Provisions for additional Swichgage instruments such as irrigation pump pressure or voltmeter/ammeter etc.
- Provisions for tachometer

Swichgage products are 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.

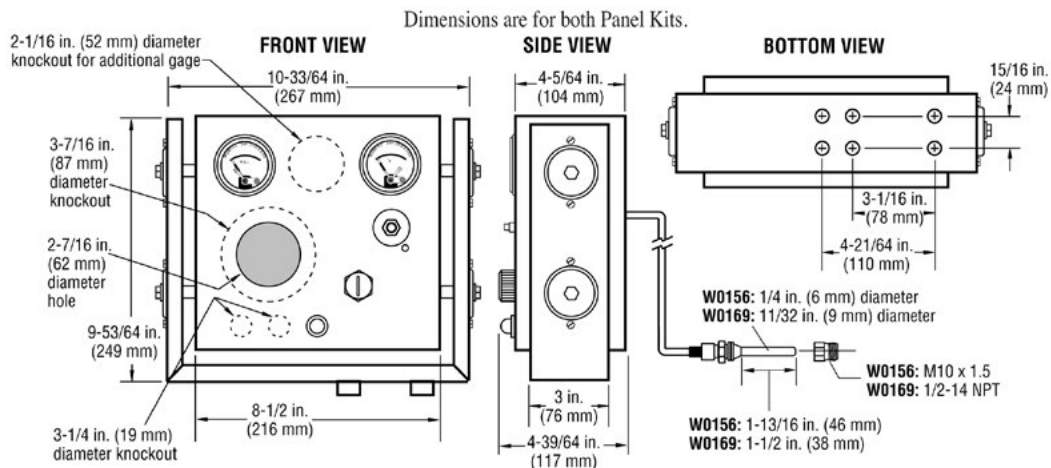
The mounting panel is enclosed. Panel Kits are pre-wired, ready to install and are available for 12- or 24-VDC systems.*



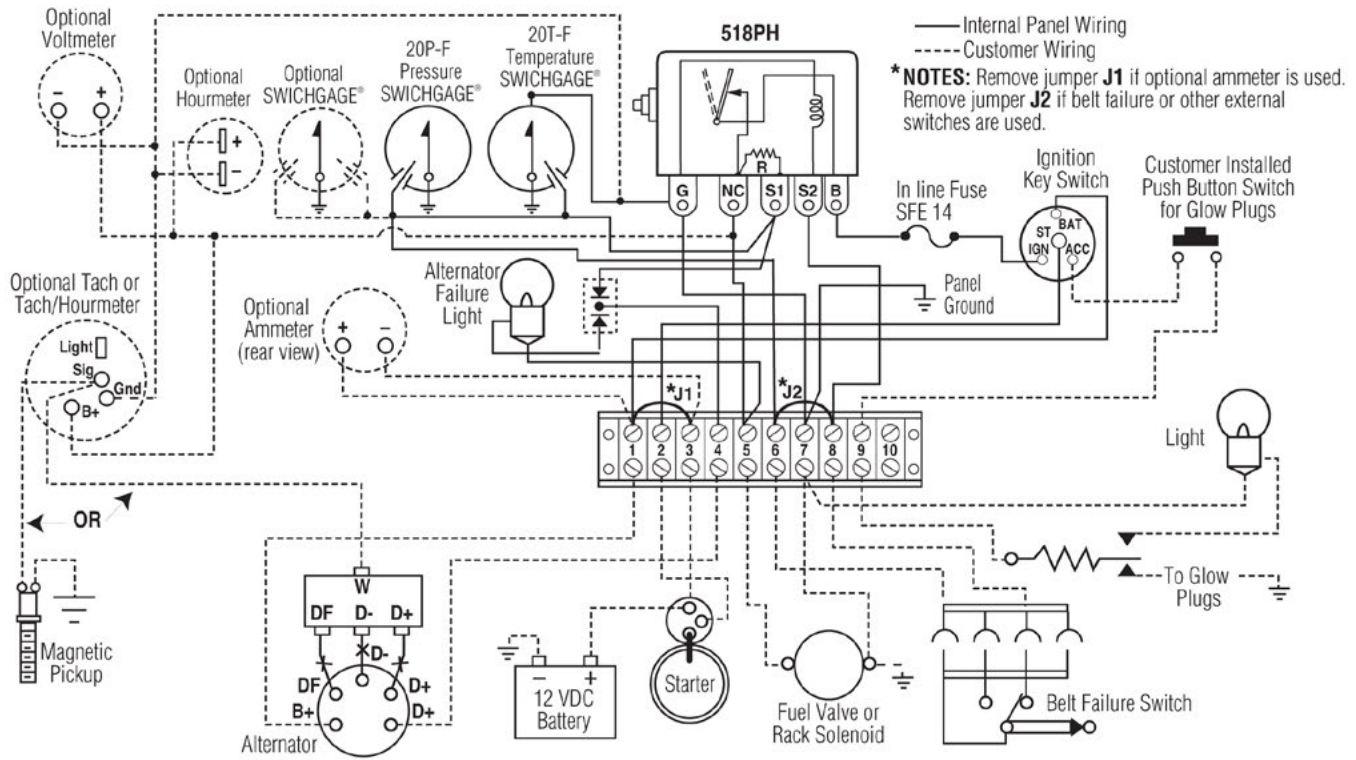
CAUTION: Certain danger to human and to equipment such as applied in a mobile or marine application may occur if some equipment is stopped without pre-warning. It is therefore, recommended that monitored functions be limited to alarm only or to alarm before shutdown in such applications.

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

Dimensions (dimensions are for both panel kits)



Typical Wiring Diagram for Deutz



Always provide proper circuit protection with fuses or circuit breakers.

Specifications

Low Lube Pressure Swichgag:

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

518PH Magnetic Switch: 12 or 24 volt (specify)

Shipping Weight: 14 lbs. (6.4 kg)

Shipping Dimensions: 14-7/8 x 14-7/8 x 6-3/4 in. (378 x 378 x 171 mm)

Temperature Swichgag:

Cylinder Head Temperature (W0156): 160°-320°F (71°-160°C), M10 x 1.5 process connection

Oil Temperature (W0169): 130°-250°F (54°-121°C), 1/2NPT process connection (see Murphy General Catalog for optional sizes)

48 in. (1.2 m) capillary

How to Order

Part Number	Model and Description	Notes
Specify Model Number	W0156 For air-cooled engines	
	W0169 For liquid-cooled engines	