

MER Electrical Panel Options

Week Of May 22, 2009



1-The Murphy Helm View (P/N RE533925 for single or dual engine, single station) has an oversized, full-color VGA flat screen that is rich graphical detail, even in bright sunlight.

The extra-large size also provides more room for information. Fit several engine and vessel parameters on one screen. There's plenty of room to put all your engine, navigation and vessel info in one convenient place. You can now tie together your engine, transmission, NMEA devices, tank levels, depth, speed, temperature and even GPS charting. Choose from several standard screens to arrange your layout options. Even add

extra screens for tanks, transmissions and other NMEA device information. The onscreen text can be changed from English to Spanish, French, German or Italian through a simple menu setting. The Helm View display gives you diagnostic information for the electronic engine's active and stored faults, like the traditional Power View 101 display, and it also includes on-board diagnostics to troubleshoot issues remotely.



2-John Deere Propulsion Panel (P/N RE521033 Single Engine) The Deere panel has tachometer, oil pressure, coolant-temperature and volt meter. Included are the Murphy Power View and alarm functions for low oil pressure and high coolant temperature.



3-MER Panel W/ Murphy Power View (P/N RE533087) Large, easy-to-read This panel is used with the RE521033 panel

above for additional instrumentation on the flying bridge or in the engine room.

LCD display with touch-sensitive buttons for scrolling and parameter selection. The Power View displays active & stored diagnostic trouble codes on electronic engines. Displays standard or metric units Ultra-bright alarm and shutdown LED indication.

The unit shows many parameters, including oil pressure, coolant temperature, voltage, engine speed, and percent of power used, and also powers compatible analog gages. Standard five languages include English, Spanish, French, German, Italian.



4-John Deere W/Power View-Generator Set Applications (P/N RE522233, with many variations available) The Power View displays active & stored diagnostic trouble codes on electronic engines. Displays standard or metric units Ultra-bright alarm and shutdown LED indication. The unit shows many parameters, including oil pressure, coolant temperature, voltage, engine speed, and percent of power used, and also powers compatible analog gages. Standard five languages include English, Spanish, French, German, and Italian.

The Power View shown here also has a keyed start/stop switch and a speed control rocker switch.



5-MER-Generator Panel (P/N 20211) MER built instrument panels for generator sets include tachometer, oil pressure, coolant temperature and volt meter. Optional alarms are available for low oil pressure, high water temperature, and low coolant level.



6-John Deere-Industrial Gen-set (P/N RE521564, with many variations available) Incorporating the Murphy Power View and analog gauges, this panel also has the speed control rocker switch, keyed off-on-start switch and shut-downs for low oil pressure and high coolant temperature.

Deep Sea:

Far more than instrument panels, these

modules are engine auto-start controllers with the ability to monitor numerous functions.



7-The DSE701 is a Manual/Auto Start Control Module that offers an excellent range of engine monitoring and protection features. The module has been designed to monitor low oil pressure, high engine temperature, over speed and a user defined auxiliary input. It also has the capability to monitor battery charging by utilizing the WL terminal on the charge alternator. When the module detects a fault condition it automatically shuts down the engine. The module also includes a remote start signal input. The input allows the module to be started from a pre-defined remote location.



8-The DSE710 is an Automatic Start Control Module that has been designed to

monitor generator frequency, generator volts, generator current, engine oil pressure, engine coolant temperature, engine running hours and battery volts. The module also displays the engine speed. When the module detects a fault condition it automatically shuts down the engine and indicates the exact fault on the modules LCD display or relevant LED indicator. The module can be configured using the front panel or via the DSE810 interface and a PC. The module can also be controlled from a PC that is located up to 100 meters away.



9-Model 6110 & 6120: Are automatic engine control modules that can automatically start and stop the engine, and indicates the operational status and fault conditions.

CAN and magnetic pick-up versions PC and front panel configurable

6 digital inputs/3 analogue inputs

6 outputs (2 configurable on Magnetic Pick-Up,

6 configurable on Canbus version)

Event log (10)

Configurable timers

Automatic shutdown or warning when fault conditions are detected

Remote start on or off load

Engine pre-heat

Advanced metering capability

Engine hours counter
Red LED indicators for warning or shutdown
Back-lit LCD Display
Protected Solid State Outputs (PSS)



10-MER-Propulsion/Hydraulic Power Unit Panels (P/N 20214) MER built instrument panels for propulsion and hydraulic power units include tachometer, oil pressure, coolant temperature and volt meter. Optional alarms are available for low oil pressure, high water temperature, and low coolant level.



11-MER Combination A.C./D.C. Panel (Type "A", 100 Amp shown-P/N 85654) The combination panel is built in many configurations and provides convenience while including oil pressure, coolant temperature, volt meter and hour meter, as well as alarm and shut-down functions

on the D.C. side. The A.C. side of the system includes volts, amp, and cycle meter with a phase switch.