New NMEA 2000® Relay Output Module from Offshore Systems

Offshore Systems UK Ltd has introduced a ground breaking new Relay Output Module, which enables modules of up to eight completely isolated power relays to be controlled by the NMEA 2000® network. The 3478 unit can control onboard power to applications such as remote alarm inputs, pump management, power switching contactors, lighting control and many other applications where power needs to be controlled over the network.

A large vessel now has the versatility to control a complex network of integrated and detailed information very simply—for example, data transmitting via tank senders of capacity levels in grey or black water tanks—to show if a tank is reaching capacity, or reaching empty so that pumps can be controlled. The relay can be linked to display units such as Offshore Systems’ MultiFunction 3340 Colour Display, which can be customised to display individual information data from each operational source.

Offshore Systems’ development of the 8 Way NMEA 2000® Relay Output Module is another step in the company’s continuation of its aims to widen the range of NMEA digital boat monitoring and control products, of which the company is now one of the world’s leading manufacturers. The 8 way Module was developed in response to requests from project managers to have groups of totally isolated circuits so that information from an increasing number of applications can control them. Each relay can be connected to any mix of DC or AC control circuits each controlling up to 15 Amps at 35 Volts DC or 250 Volts AC resistive load. Each 3478 relay has a switch settable device instance which allows multiple Relay Output Modules on a single network.

Connections to the relays are made via tough reliable WAGO Cage Clamp terminal blocks preferred by boat builders, for quick and secure wiring. Each relay output also has a telltale green LED light to indicate when each relay is in operation.

The 8 Way NMEA 2000® Relay Output Module is now available and has already been shipped to boat builders around the world.