

Auto Transfer Switch Deep Sea control module explained

What does it do?

The Deep Sea control module is an Auto Transfer Switch controller for gen sets and other applications. The module monitors the voltage and frequency of the incoming AC mains (utility) supply and in the event of a failure, will issue a start command to the generator control system.

As soon as the generator starts producing an output within limits, the module will control the transfer device and switch the load from mains (utility) supply to the standby generator.

Once the mains (utility) supply returns, the module will command a return back to the mains (utility) supply and shutdown the generator after a suitable cooling period.

In order to combat problems starting on minor supply breaks, various timing sequences are available on the module.

Features

The key features of the module include:

- Volt free relays
- Automatic shutdown or warning when fault conditions are detected
- Configurable timers
- 5 configurable outputs
- 10 configurable inputs
- Real time clock
- Check sync failure
- Automatic switchover between supplies
- Supports many topologies

Enhanced Benefits

- User friendly setup and button layout
- Real time clock provides accurate event info for easy maintenance and diagnostics
- Fully automatic monitoring and switch-over control minimises the effect of power disruption
- Will work with extended synchroniser for seamless return to the mains (utility)



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