

**GENERAL CONSTRUCTION**

A steel-plate box mounted above generator or supported by a bracket mounted on a DG base frame.

**EQUIPMENT****Control Devices:**

- Selector switch LOCAL - 0 - REMOTE
- Switch for ENGINE STANDSTILL HEATER
- Push-button START
- Push-button STOP
- Push-button RESET FOR AUTOM. SHUTDOWNS
- Push-button TEST FOR SIGNAL LAMPS
- Push-button EMERGENCY STOP

**Engine Gauges:**

- Coolant temperature
- Oil pressure
- Speed & Run hours

**Signal Lamps:**

- Monitoring on
- Charging generator
- High coolant temperature
- Low oil pressure

**Automatic Alarms** (with potential free normally closed contacts for remote signals):

- High coolant temperature 90<sup>0</sup> C – alarm
- Low oil pressure 2.5 bar – alarm
- High oil temperature 120<sup>0</sup> C – alarm
- Low coolant level – alarm
- Low sea water pressure 0.5 bar – alarm
- High pressure fuel pipe leakage – alarm

**Automatic Shutdowns** (with individual signal lamps, and with potential free normally closed contacts for remote signals):

- High coolant temperature 95<sup>0</sup> C – shutdown
- Low oil pressure 1.5 bar – shutdown
- Overspeed 15 % – shutdown

**Status Indications** (potential free contacts for remote signal):

- DG is not ready for remote control
- DG runs
- DG control voltage failure

**OPERATION**

Operation mode is selected by switch LOCAL – 0 – REMOTE.

In position LOCAL the DG is started and stopped by local panel pushbuttons START and STOP.

In position REMOTE the DG is started and stopped by potential free remote command contacts.

The monitoring system acts automatically during running (see above mentioned Automatic Shutdowns).