



Frank W. Murphy Ltd.

Swichgage House – Church Road – Laverstock

Salisbury – SP1 1QZ – United Kingdom

tel: +44 (0)1722 410055 – fax: +44 (0)1722 410088

email: sales@fwmurphy.co.uk – web: www.fwmurphy.co.uk

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Panel Specification

Stock code: B3079
Panel type: Marine monitoring panel, 24V
Circuit reference: 5E3082

The Diagnostic Centre is for control and monitoring of an engine. It is designed to operate with an engine fitted with a 24 Volt insulated return battery starting system.

Starting may be initiated by means of an Off-On-Start keyswitch, as follows:-

Off Move the keyswitch to Off and the engine will shutdown.

Start Move the keyswitch to the Start position and the starter motor solenoid output is energised.

The starting sequence will be as follows:-

- a) Cranking should be discontinued as soon as the engine starts.
- b) The engine is monitored for the following conditions :-
 - i) Low oil pressure
 - ii) High coolant temperature

In the event of any of the above faults, the relevant lamp will illuminate to warn of the condition.

An oil pressure Swichgage A20EO 100 PSI is installed in the front panel for indication and warning.

A coolant temperature Swichgage A20ESR 120C is installed in the front panel for indication and warning. This will be complete with 3.0 metres of capillary.

A gearbox oil pressure Swichgage A20P K 400PSI is installed in the front panel for indication only.

A voltmeter is installed to monitor the battery voltage.

The controller features a sheet steel enclosure, with all textual labels and identification shown in English, finished in black. Anti-vibration mountings are provided for mounting on a bulkhead, or on a suitable engine skid framework and should be used where appropriate to avoid subjecting the controller to engine vibration.

External connections are made through a gland in the base of the controller to a clearly labelled terminal strip inside.