



real systems controls

L I M I T E D

MANUAL IMMERSION HEATER TEST UNIT RS105



Operation

The system is fully automatic and needs no day to day adjustment or setting Procedure. With the mains connected and power on lamp illuminated the units are operated automatically when the air temperature drops below 5°C, this is achieved by the externally mounted thermistor probe within the immersion heater.

Under normal operating conditions the heater on lamp will be illuminated and the current being drawn by the immersion heater will be indicated on the ammeter.

Should the air temp be above 5°C and the unit is in stand-by mode the power on lamp only will be illuminated and no reading will be shown on the ammeter.

To test immersion heater when unit is in stand-by mode, press the green test button. After about 2 seconds the ammeter will show the current being drawn and the heater on lamps will illuminate. Releasing the button will return the unit to stand-by.

Maintenance

The units require little or no maintenance, the switchgear, contactor and M.C.B. should be maintained as normal for this type of equipment.

A periodic test of the equipment can be carried out by pressing the green test button.

The units are rated single phase 240 volts A.C. input.

All contactors are rated at 20 amps.

Ammeter and M.C.B. are rated at 16 amps.

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