

Watercare 060

Mains Separator Alarm

General Operation

The Watercare 060 Control Unit continually monitors the condition of the probe units attached by checking their condition every second. The current status is then displayed via the LED's on the front of the unit. If an alarm condition is detected, i.e. one or more probes are in the fault condition for at least 5 seconds, the relevant LED will light, the relevant 'output' relay is de-energised and the small internal piezo sounder is activated. The relays that are de-activated depend on the number of outputs on the specific unit supplied.

The alarm is acknowledged by pressing the button on the unit. The piezo sounder is muted and the relays are energised once again.

The red LED's always indicate the current status of their respective probes, even during an alarm condition. However, the relays hold the state of the probes when the alarm occurred, until accepted.

After the separator has been emptied and refilled with water, the control re-scans the probe sensors attached and, assuming no alarm condition is detected, all the red LED's will be off. If the push button is pressed before the separator has been emptied, or it has been emptied but not refilled with water, then the control simply scans the probe sensor/s and reinstalls the 'alarm condition'.

Please Note:

The relevant output relays are '**de-energised**' on detection of any alarm condition or mains failure.



General Description

- Intrinsically Safe Control Panel
- IP65 Enclosure
- Supplied with Oil Sensing Probe (float or conductivity)
- Audible Alarm
- LED Display
- Push Button Operation
- Monitors up to 3 Sensors (Oil, High Liquid and Silt)
- 3 Output Relays available (one per sensor)

Technical specification

- Power Supply: 230Vac, 50Hz
- Nominal Current: 6.5mA
- Current in Alarm: 4.2mA (1 probe in alarm)
- Primary Fuse: T 315mA H 250V 1500A
- Secondary Fuse: 80mA (ATEX approved)
- Probe Cable Length: 5 metres
- Clean Contact Output Relays

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