

Alert Alarm Unit



APPLICATION

The ALERT detects the open and closed state of a volt free switch such as a float switch or pressure switch, giving an alarm on closed circuit and resetting on open circuit. It would typically be used with a float switch to signal high or low level. ALERT is mains-powered. A battery back-up version is available; this is primarily mains-powered but has an internal NiMH battery providing operation in case of mains power failure of up to 1 week in standby mode and up to 8 hours in full alarm mode with external beacon connected. Recharge time from fully discharged to fully charged is 163 hours; operation in full alarm mode for 1 hour will require 8 hours recharge time to restore to full capacity.

OPERATION

The ALERT is equipped with:

- Power L.E.D. which signals that the unit is connected to a healthy 230V power supply
- Alarm L.E.D. which signals that the switch being monitored is closed circuit
- Alarm Buzzer which signals that the switch being monitored is closed circuit, the buzzer may be muted (see below)
- Test Pushbutton, which when operated simulates switch closure or alarm signal, sounding the buzzer and illuminating the Alarm L.E.D. and remote beacon (if fitted)
- Mute Pushbutton, which when operated silences the buzzer leaving the Alarm L.E.D. illuminated and the remote beacon (if fitted) illuminated
- Remote Beacon. Terminals provided for an external 12V DC beacon, available as an extra

INSTALLATION

The Alert should be positioned to avoid very damp atmospheres. Refer to the wiring instructions. The unit should always be supplied from a fused supply, fused at 2A, and should always be earthed correctly.

APPLICATIONS

- High/Low level alarm
- Intruder alarm
- High/Low pressure
- High/Low temperature alarm

FEATURES

- Weatherproof IP66 Enclosure
- Mains powered and battery back-up versions
- Power Indicator
- Test function
- Audible alarm comes with mute pushbutton
- Additional LED flashing beacon available separately if required

SPECIFICATIONS

Power supply: 230V+10%-10% 50Hz; 1.5VA

Supply Fuse (External): 2A

Sensing Voltage: 12V DC nominal

Beacon Voltage: 12V DC 1W nominal

Terminal Capacity: 2.5mm sq. max.

Ambient Temperature: -10 to +50°C

Enclosure: Polycarbonate IP66

DIMENSIONS

100 mm H x 100mm W x 60mm D

Fixings: 4 x M4. 83mm crs.

WEIGHT

Mains 320g, Battery version 1kg

