

- FUNCTION DIAGRAM


LED operation:

## $\square_{\text {LED Off }}$ 滈

- InSTALLATION AND SETTING
- before installation, isolate the supply.
- Connect the unit as required.

Setting the unit.

- Set the "Range" $\mathbf{4}$ to the required position (depending on whether seconds, minutes or hours are required).
- Set the "Set \%" adjustment (3) as required. The "Set \%" is a \% of the selected range; so for example, a $30 \%$ setting on the $1-10$ hour range will give 3 hours.
Applying power
- Apply power across terminals $\mathbf{A 1}$ and $\mathbf{A} \mathbf{2}$ and the green LED $\mathbf{( 1 )}$ will illuminate.
- The relay will remain de-energised (contacts 15 / 16 closed and 15 / 18 open) and red LED (2) extinguished.
- Close the contact across A1 and B1 and the relay will energise (contacts $\mathbf{1 5}$ / 16 open and $\mathbf{1 5}$ / 18 closed) and red LED illuminate.
- When the contact across $\mathbf{A 1}$ and $\mathbf{B 1}$ opens, the delay period " t " will begin and the green LED will flash to indicate timing is now in progress.
- After the delay period " t " has elapsed, the relay will de-energise (contacts $\mathbf{1 5}$ / $\mathbf{1 6}$ closed and $\mathbf{1 5}$ / 18 open) and the red LED will extinguish.
- The green LED will now remain permanently lit.
- The whole timing process is repeated by removing and re-applying power.
- If during the time period " t ", the contact across $\mathbf{A 1}$ and $\mathbf{B 1}$ closes, timing will stop and restart over again the next time the contact opens.

Note:
${ }^{1}$ In accordance with IEC 61812, the green LED is permitted to extinguish during a voltage dip or momentary interruption of the power supply providing the state of the output relay does not change. The dip / interruption duration and levels are defined in the product standard.

## - TECHNICAL SPECIFICATION


c UL us LISTED IND. CONT.EQ.
CE, UKCA, C-tick $\boldsymbol{C}_{\text {and RoHS Compliant. }}$
EMC: Immunity: EN 61000-6-2 (EN 61000-4-3 10V/m
$80 \mathrm{MHz}-2.7 \mathrm{GHz}$ )
Emissions: EN 61000-6-4

## - CONNECTION DIAGRAM



## - SETTING DETALLS

1. Power supply status / Timing (Green) LED 2. Relay output status (Red) LED
2. "Set \%" adjustment 4. Time delay "Range" selector


- DIMENSIONS


