



12/24
VOLT DC
Q12

RTE/Q12

The Q12 is an extension of the wide range of photo electric control units for which R.T.E. is well known. It is designed to operate on 12/24 or 48v DC and is especially suitable for control of unattended lighting on yachts and marker buoys, or any DC system. Switching by daylight has the obvious advantage of avoiding personal attendance to switching morning or evening, and of saving battery capacity.

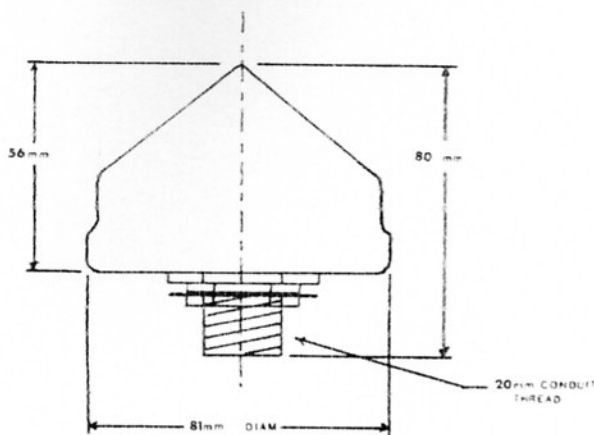
The Q12 has two supply connections and a load lead, and can be mounted on a simple bracket fixed at any convenient point out of the illumination provided by the controlled light. The 20mm thread projects from the underside, with locknuts provided, and the overall diameter of the base is 81mm. The electronic circuit and photo cell are potted in epoxy resin, and the relay is also enclosed. The normally closed contacts provide a fail-safe feature, leaving lights 'ON' if the control should fail.

Consumption:
Daylight Hours 1 watt.
Darkness 0.1 watt.

Q12 - 12vDC Model unit and
Q24 - 24vDC Voltage must be
Q48 - 48vDC specified on ordering.

Switching Capacities Resistive
12vDC - 120 watts
24vDC - 120 watts
48vDC - 25 watts.

All units carry our normal 2 year warranty period.



Nett weight: 140gms. Gross weight: 185gms.

WARNING

Note that when first switched on, these units will energise the lamp circuit, and lamp holder contacts will therefore be "live" until the unit has switched off in daylight.
INSULATION TESTING BY "MEGGER"
can be carried out on circuits including photo-electric cells, but not continuity tests, as the high voltage used may damage the cell.

ROYCE THOMPSON ELECTRIC LTD



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