



# RTE Q4071

The Q4071 is a photo-electric control unit designed to control internal lighting loads, and ideal for application where Safety, Security, Efficiency and Economy are important.

Typical applications are:

- \* passages and stairways in flats, hotels and hostels.
- \* offices
- \* factory workshops
- \* classrooms
- \* railway stations etc.

The Q4071/T is a reverse-acting Q4071, and is primarily for Tunnel lighting control.



The Q4071 and Q4071/T units consist of two components:

- i A weather-proof detector, housing a light sensitive cell, which must be mounted in a position so that the cell is affected by natural daylight only.
- ii A plug-in controller, which must be mounted in an enclosure/cupboard restricting access to authorized persons only. If this is not available on site, an enclosure, cat. ref. B1 can be supplied.

### Specification:

- Voltage range - 200/260v AC Only
- Maximum load - 10 amps pure resistive or 5 amps lamp load
- Temp. range - -15° to +60°C

The detector housing is of die-cast aluminium, fully sealed to I.P.65 having a poly-carbonate conical lens allowing daylight to fall on the cell. Each detector has blue and green removeable filters for adjustment purposes. A 20mm conduit entry clearance hole is provided.

The terminal block is of high grade bakelite having substantial screw-clamp terminals each capable of accepting 2 - 2.5sq.mm cables.

The plug-in controller, also of high grade bakelite, contains electronic controls and a thermal load-switch. There are separate adjustment controls for setting the switch on level, and also the differential. A neon indicator also assists setting up and an auto-test switch is mounted on the front of the controller.

Full instructions for installation and adjustment are included with each unit.

All dimensions are in millimetres

