



RTE/P.42

Now designed to BS 5972.

1980, the P42 Photo Electric Control Unit retains its principle features, an easy to install terminal block complete with fixing screws, a plug-in drip proof controller, and separate weather-proof detector.

Specification:

- * Voltage: 230/250V 50Hz.
- * Rating: 10 amps pure resistive or 5 amps lamp load.
- * Temp. Range: -15° to +60° C
- * Energy Consumption (during daylight only): 2 watts.
- * Switching Differential: 1:2
- * Switch-on light level (unless otherwise specified): 55 Lux.

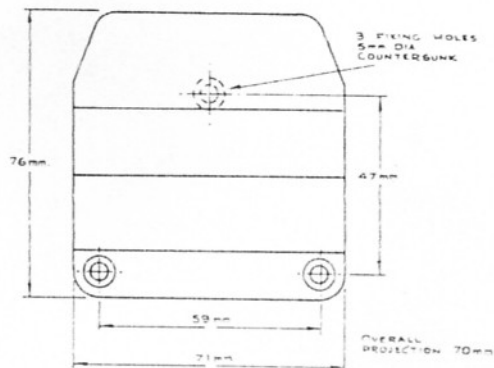
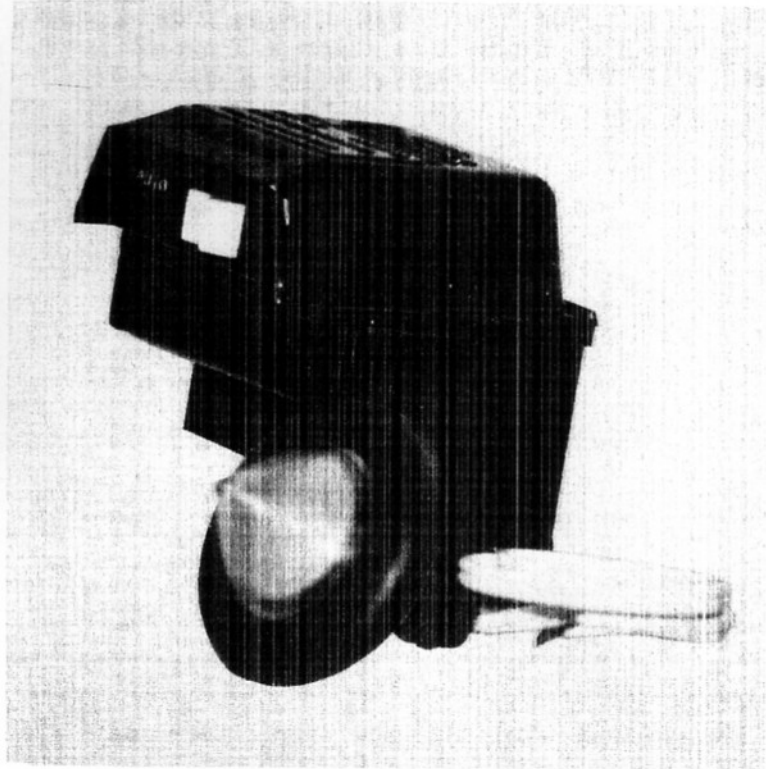
The P42 terminal block is moulded in high grade bakelite and has substantial screw-clamp terminals each capable of accepting up to 2.5mm. sq. cables.

Thermal switch has no soldered connections.

The drip-proof P42 Controller, moulded in selected materials, contains the thermal load switch and also houses an AUTO/TEST rocker switch. The design is such that when plugged into the terminal block the drip-proof feature extends to include the terminal block.

The weather-proof P42 detector consists of a neoprene moulding housing an hermetically sealed cadmium sulphide cell over which is an acrylic conical lens. As standard, the silicone rubber leads are 250mm long.

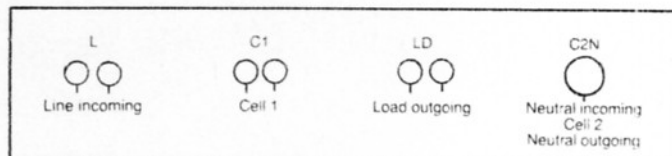
* Units suitable for 110V and 220V 50 Hz to special order.



Net weight : 346 gm. Gross weight : 403 gm.

WARNING

Note that when first switched on, these units will energise the lamp circuit, and lampholder 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.



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