



RPTS

Round Pattern Time Switch - Q550 Series

Product: Q551.13

Because the times of SUNRISE and SUNSET vary with latitude, four standard dials are available for use in the UK, each corresponding to a geographical zone. (See diagram below).

Setting adjustments may be made to accommodate longitudinal variations.

Other dials are available on request for applications outside the British Isles.

Wiring Diagram

Solar Map

Dimensions

Technical Drawing

RPTS

Round Pattern Time Switch - Q550 Series

Product: Q551.13

Solar Dial quartz controlled with battery reserve, 3 pin base.

Form 13 version, gives one ON and one OFF operation per day. The ON operation always tracks SUNSET while the OFF operation can be made either to track SUNRISE, or to occur at a fixed time between 0-30min and 1-00am.

The Solar Time Switches are ideal for applications which require control linked to sunset and sunrise times. Popular applications for solar time switches include street, stairwell and security lighting.

Cost Savings: Once set, the switches track SUNSET and SUNRISE throughout the year, without the need to sense light levels. This avoids the installation and maintenance problems associated with photocell devices and means they can be left to operate unattended for years.

Product Specification

Programming: 24 hour programme with 1 ON and 1 OFF operations per day

Display: Solar Dial

Mounting: Surface mounting

Current Rating: SPST 20amp relative

Supply: 230V, 50/60 Hz a.c.

Base Type: 1 Pin

Reserve: 100 hrs (providing battery has been charged for 300 hrs)

Day On/Off: none

Time On/Off: Adjustable to "ON" when program "ON" and will remain "ON" until next "ON" operation and vice versa

Case Size: 6.2mm

Timing Accuracy: 4 min/year

Power Consumption: 0.8W at 230V

Ambient Temperature Range: Designed to operate over a temperature range of 0°C to 50°C continuous

Low Power Protection: This timer is totally protected by the enclosure

Dust Protection: Normal domestic dust deposits only

Moisture Protection: Ordinary has no special protection against moisture

Shock Protection: Class 1 (Product must be earthed)

Dial Calibration: 15 min divisions

Setting Accuracy: +/- 3 minutes

ES/AB Approval: Yes

Dimensions: Height (with mount): 130mm, width: 105.7mm, projection: 82mm, (total height 140.5mm)

EXTERNAL LIGHTING LEGEND

BUILDING UP / DOWNLIGHTER
SILVER / GREY ANSELL AALED/B 9w LED

CAR PARK BOLLARD LIGHTING
DECO 2.0 KINGFISHER 1000mm BOLLARD LIGHTS ON SOLAR TIME CLOCK KEPT ON ALL NIGHT

CONNECTION POINTS FOR BOLLARD LIGHTING

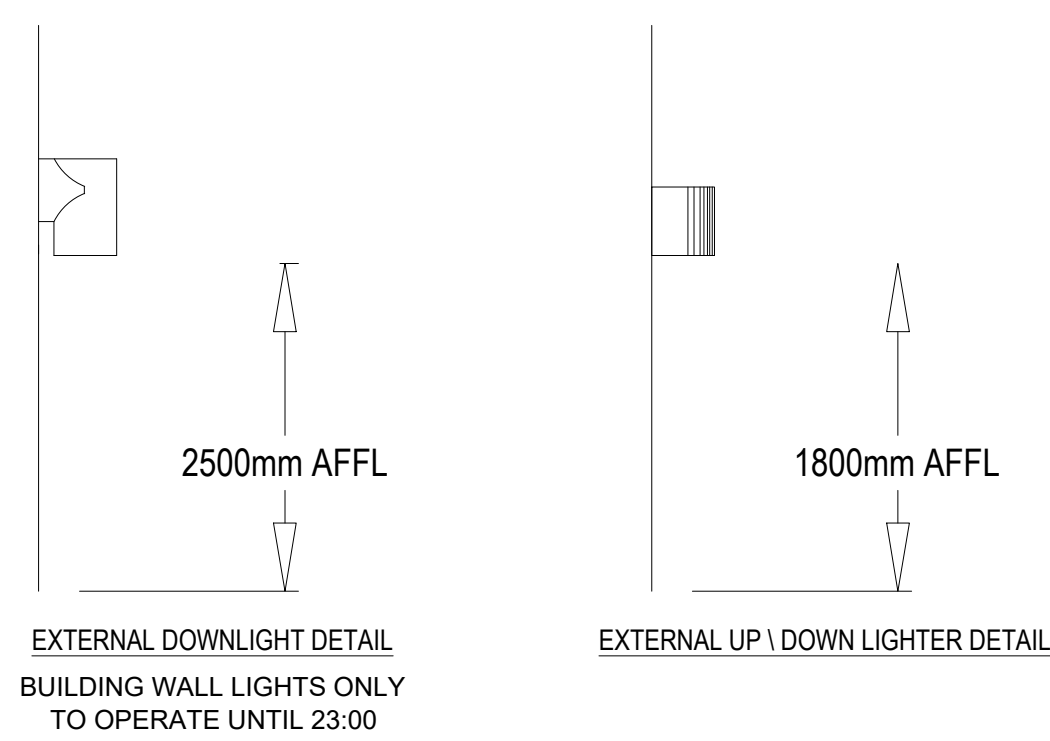
EXTERNAL DOWNLIGHT
ANSELL REEF CCT DIRECTIONAL WALL LIGHT 5w LED FLOODLIGHT ON SOLAR TIME CLOCK, SWITCH OFF BETWEEN 23.00 & 07.00

ELECTRIC VEHICLE CHARGING STATION

CONNECTION POINT FOR EV STATION

Specification Text:

The luminaires shall be manufactured from high pressure die-cast aluminium. It shall have an Efficacy of up to 100 lumens/mW and will be capable of producing up to 1000 luminaire lumens at 4000K with a CRI >70. It shall have a radial distribution and a IP65 and 8000.



REV	DATE	DETAILS OF AMENDMENTS	DRAWN
REVISIONS			
LNT Construction			
LNT CONSTRUCTION LTD UNIT 2, HELIOS 47 ISABELLA ROAD GARFORTH LS25 2DY Tel: 0113 3853858 Fax: 0113 3853859			
CLIENT			
SITE WHALLEY ROAD BARROW			
TITLE EXTERNAL LIGHTING			
SCALE	1:250	DATE	10.10.23
DRAWN	DB	DWG NO.	E103
DRAWING STATUS			
CONSTRUCTION			
CHECKED BY		DATE	