

Light Sensitive Switch

Characteristics

- A photo-electric cell measures the light level and in conjunction with the relay provides on/off control of a circuit.
- This device controls lighting circuits in relation to ambient light, based on user settings.
- Sealable front cover.
- Outputs: 1 changeover AC1 contact 16A - 230V a.c.
- Maximum distance: 50m between photocell and controller

Application Example:

- Street lighting, display lighting, illuminated signs etc.

Connection

- Capacity: Rigid: 1.5 to 10mm², Flexible: 1 to 6mm².
- On board LED shows status of changeover contact.

Technical Data

- 4 position override switch allowing: auto, on, off, test
- 2 sensitivity ranges: 5 to 50 lux, 50 to 2000 lux.
- Supplied with a separate surface-mounted photo-electric cell **EE003**.
- Must be used in conjunction with a suitably rated contactor where load conditions demand.
- For technical data, see page 2.54.



EEN100

Description	Width (1 Mod =17.5mm)	Cat ref.
Light Sensitive Switch	1 Mod	EEN100

Light Sensitive Programmer

Characteristics

- To control the lighting installation in relation to time and ambient light.
- A weekly programmer associated with a light sensitive switch.
- Outputs: 1 changeover AC1 contact 16A - 230V a.c.
- Maximum distance: 50m between photocell and controller.

Working Principle

- The user programmes both on/off periods and a desired light level. The cell measures the light level within the on period. Depending on the light level (below or above the programmed threshold) the output will be switched on/off.
- 20 program steps, 1 minute switching increments.

Programming Function

- Programming by keys and display on LCD screen.
- On/off override facility, permanent working.
- Display and control of the programme.
- Test setting for easy adjustment.
- 2 sensitivity ranges: 5 to 50 lux, 50 to 2000 lux.
- Supplied with a separate surface-mounted photo-electric cell **EE003**.
- Must be used in conjunction with a suitably rated contactor where load conditions demand.
- For technical data, see page 2.54.



EE171

Description	Width (1 Mod =17.5mm)	Cat ref.
Light Sensitive Programmer	3 Mod	EE171

Replacement Photo Electric Cell

Description	For Cat ref.	Pack qty.	Cat ref.
Flush-mounted Photo Electric Cell	EEN100, EE171	1	EE002
Surface-mounted Photo Electric Cell	EEN100, EE171	1	EE003



EE002



EE003

Emergency Lighting Module

Application

- For both residential and commercial applications.
- Installed in a consumer unit or distribution board. Can be configured to provide emergency lighting.
- It can also be withdrawn from it's base, to act as a mini torch with an operating duration of 1 hour 30 mins.

Description	Width (1 Mod =17.5mm)	Cat ref.
Emergency Lighting Module	3 Mod	EE960



EE960