



**LU112 shown in surface mount box 907.0.050**

An excellent range of electronic timer modules for enclosed surface and panel mounting. They all include a 1000 hour memory back-up.

### MEU11/EMU11 PanelMaster 24 Hour Electronic Timer Module

The MEU11 is an electronic timer module for OEM applications in equipment and appliances requiring accurate, cost effective time control. The module requires only an external diode, resistor and relay to switch mains. Typical power supply arrangements given in the instructions. The EMU11 is a MEU11 housed in an easy fit panel mount case giving permanent ON/permanent OFF/timed selection. It can also be mounted in an enclosure or cubicle.

#### Benefits

- Up to 4 ON/OFF programmes per day.
- Simple two button programming.
- Self-cancelling override.
- 1000 hours rechargeable memory back-up.
- Shortest switching time 1 minute.
- One year warranty only.

### EL11 PanelMaster 16A Timeswitch

A power supply and relay PCB designed for use with the MEU11/17 and EMU11/17 timer modules. It operates from 220 - 240V AC generating the required charge current for the module battery and provides single pole changeover voltage free contacts. All connections are via .25 inch blades. 1 year warranty only.

### EL17 PanelMaster 16A Timeswitch

The EL11 is an EMU11 combined with a PB05 creating a compact 16A timeswitch for panel mounting with permanent ON/permanent OFF/timed selection.

### MEU17/EMU17 PanelMaster 24 Hour Electronic Timer Module

The MEU17/EMU17 has all the features and benefits of the MEU11/EMU11 above plus individual day, everyday, every weekday or weekend programme selection with a total of 6 programmes.

### EL17 PanelMaster 16A Timeswitch

The EL17 has all the features of the EL11 plus individual day, every day, every weekday or weekend programme selection with a total of 6 programmes.

### LU110/112

Luna dusk-to-dawn switches are for the control of external or display lighting systems. The LU110 is a 35mm (2 module) wide switch and comes with separate surface mount light sensor.

#### Benefits

- Adjustable brightness between 2 and 200 Lux.
- 40 second built-in delay to prevent nuisance switching.
- 10 amp switching capacity.
- Surface Mount Kit Part No. 907.0.064
- Surface Mount Light Sensor (spare) Part No. 907.0.008

### LU112

The LU112 is a 52.5mm (3 module) wide Luna dusk-to-dawn switch has all the features and benefits of the LU110 above with a brightness range switch to select: Range 1 = 2-35 Lux; Range 2 = 35-2000 Lux. The unit comes with a separate surface mount light sensor.

- Surface Mount Kit Part No. 907.0.050
- Surface Mount Light Sensor (spare) Part No. 907.0.008

Note: Units with voltage free single pole change-over contacts- TR608 - 10(4)A; SYN161, SUL181, MEM198, SUL188 - 16(2)A; TR610S, TR611S, TR612S; TR651 - 16(10)A; LU110, LU112 - 10(6)A (1000W filament lamps, 200W parallel compensated fluorescents, 800W series compensated/uncompensated fluorescents, 800W series compensated discharge lighting). Not suitable for discharge lighting).

Units with voltage free single pole ON/OFF contacts- SYN160, SUL180 - 16(4)A. Units with dedicated lighting contacts- ELPA8 - 16A (2000W of filament or fluorescent lighting). LU116, LU117 - 10(6)A (1500W filament lamps, 300W parallel compensated fluorescents, 1200W uncompensated/series compensated fluorescents, 250W parallel compensated discharge lighting, 800W uncompensated discharge lighting).

#### SPECIFICATIONS

	EL11	EL17	MEU11/EMU11	MEU/EMU17	PB05
<b>Timer Mode</b>	24 Hour		•		
	7 Day	•		•	
<b>Voltage Free Contacts</b>	Single pole changeover	•			•
	220 - 240V AC 50 Hz	•			•
<b>Operating Voltage</b>	24V DC and above		•	•	
<b>Switch Rating 240V AC</b>	16 amp Resistive	•			•
	6 amp Inductive	•			•
<b>Operating Temperature</b>	-10 to 55 °C	•	•	•	•
	-10 to 40 °C	•	•	•	•
<b>Battery</b>	Factory fitted, rechargeable, 1000 hours back-up	•	•	•	•
<b>Conforms To Directives</b>	73/23/EEC	•	•*	•*	•*
	89/336/EEC	•	•*	•*	•*
<b>Dimensions (mm)</b>	Height	72	39/72	39/72	54
	Width	72	55/72	55/72	54
	Depth	34	33/34	33/34	14

Note: EL11/17 & PB05 can be used with up to 500W of fluorescent or low energy lighting and up to 2500W of filament lighting. Can also be used with up to a 1hp motor. Cannot be used with discharge lighting. \* When correctly incorporated into parent product/installation.