

811 & 851

Seven Day Single Channel Electronic Timeswitch

INSTALLATION INSTRUCTIONS

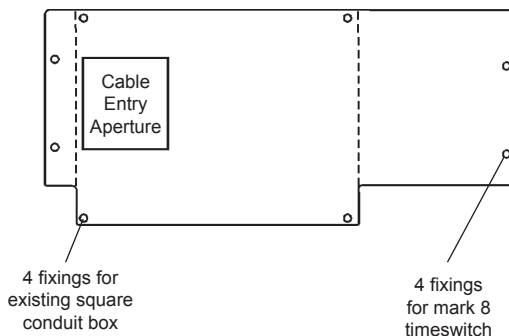
The Model 811 or 851 timeswitch must be installed by a competent electrician and the installation should conform to IEE Wiring Regulations.

Installation & Wiring

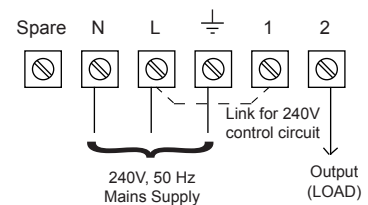
- Slacken the four fixing screws, one in each corner of the unit, and carefully separate the front and rear portions. Unplug the ribbon cable from the rear portion.
CAUTION: Do not allow either half of the unit to hang by the ribbon cable as damage could be caused.
- Remove the polystyrene packing piece from the top of the transformer. It is marked 'REMOVE'.
- Select the desired fixing position and observe the label 'THIS WAY UP' inside the rear portion. The two halves will only assemble correctly one way round.
- Four fixing holes are provided for attaching the rear portion to the wall or mounting surface.
Conduit box adaptors as shown below are available if required.

- Surface cable entries to the units can be made from above, below or from the left hand side. Conduit or recessed cable entry is through the aperture in the rear moulding.
- For surface cable entry remove the appropriate knock-out and ensure one of the two cable clamps is positioned correctly.
- Connections to the units should be made as shown below.

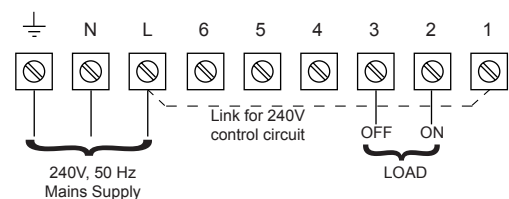
Part No.: 8/3222 Square Conduit Box Adaptor



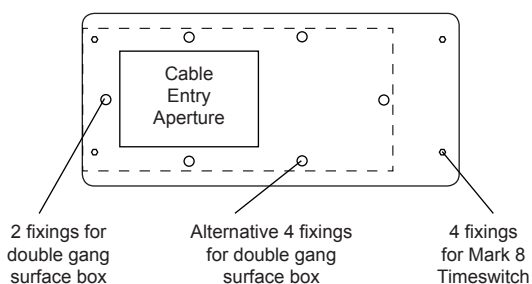
Model 811



Model 851



Part No.: 8/3223 Double Gang Surface Box Adaptor



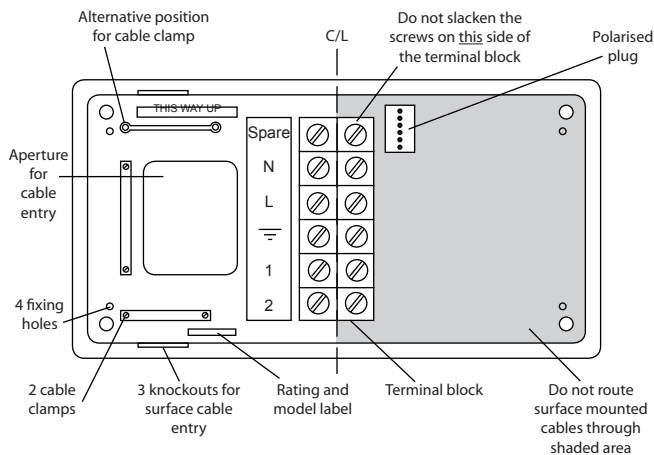
If the control circuit(s) are to operate at 240V then terminals L & 1 must be linked, ensuring that the cable is sheathed and of a size to carry the required load current.

If, however, the control circuit(s) are operating at other than 240V then no link(s) should be fitted and in the case of Model 811 both terminals 1 and 2 should be connected to the load circuit; for Model 851 terminals 1, 2, and 3 (if required) should be connected to the load circuit.

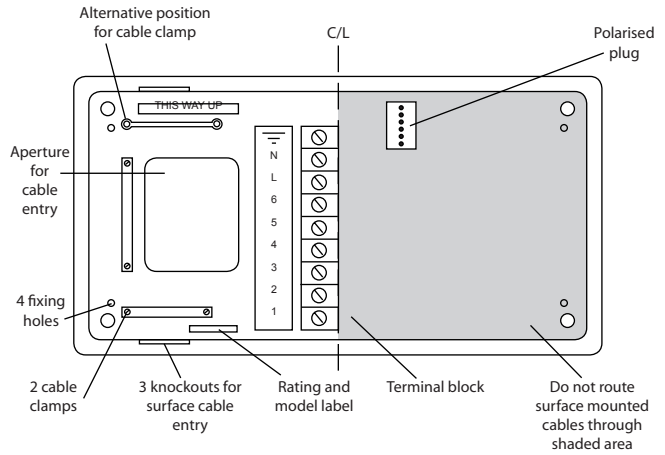
- Upon completion of wiring plug in the ribbon cable ensuring the polarised plug is fully inserted into socket, refit the front half of the timeswitch ensuring the correct alignment and that no cables are trapped before re-tightening the screws.

Technical Specification	Model 811	Model 851
Power Supply	220/240Vac, 50/60Hz	
Switch Action	1 x SPST, type 1 B (volt free)	1 x SPDT, type 1 B (volt free)
Switch Rating	220/240Vac, 50/60Hz, 30(10)A	220/240Vac, 50/60Hz, 10(4)A
Setting and Running Accuracy	+/- 1 min and +/- 1min/month	
Power Reserve	3 month on fully charged battery	
Max number of programmable operations	up to 200 ON or OFF operations per week	
Enclosure Rating	IP30	
Max Ambient Temperature	45°C	
Overall Dimensions	228mm wide, 115mm high, 50mm deep	
Control Pollution Situation	Degree 2	
Software Classification	Class A	
Designed to meet BS EN60730-2-7		
Rated Impulse Voltage	2.5kV	
Ball Pressure Test	75°C	


Model 811



Model 851



This product complies with the following EC Directives:
Electro-Magnetic Compatibility Directive.
 (EMC) (89\336\EEC), (92\31\EEC)
Low Voltage Directive.
 (LVD) (73\23\EEC), (93\68\EEC)




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