



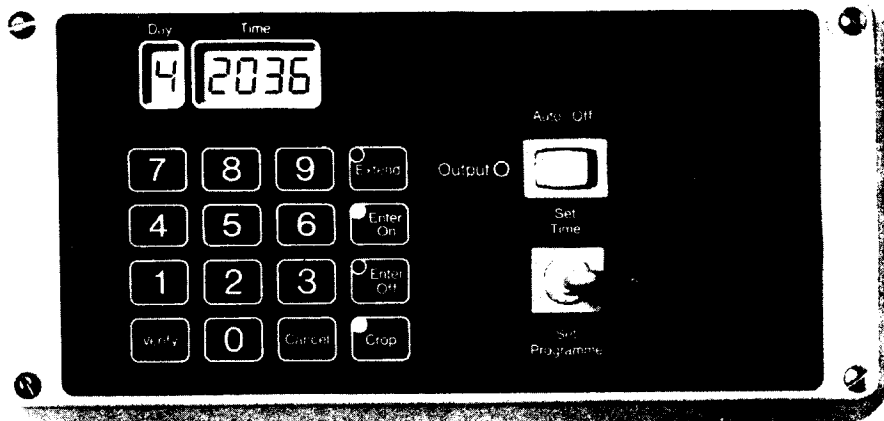
811 Seven Day Single Channel 851 Electronic Timeswitch



Installation and Wiring Instructions

811 = RS 317-976

851 = RS 317-244

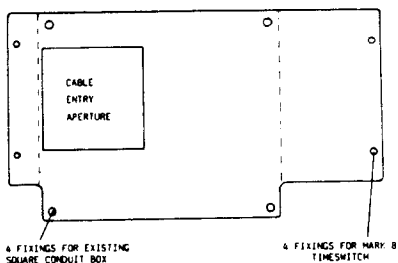


The Model 811 or 851 timeswitch must be installed by a competent electrician and the installation should conform to IEE Wiring Regulations.

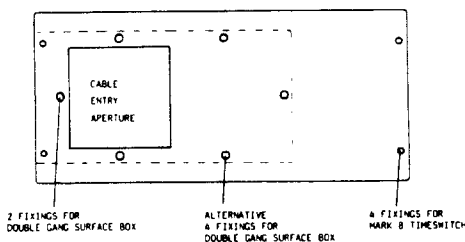
Installation and Wiring

- 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.

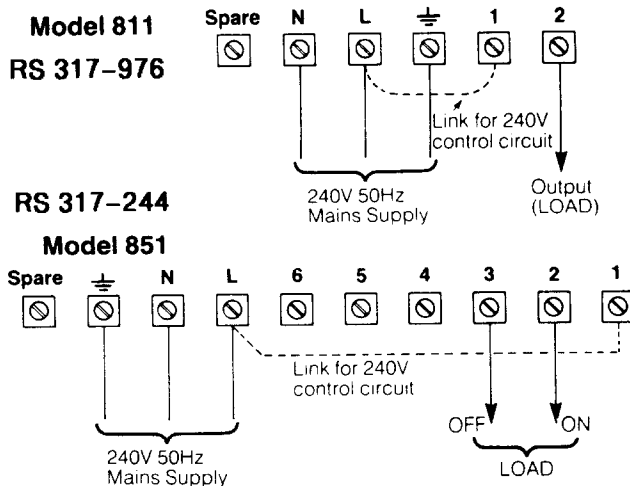
PART NO: 8/3222 Square Conduit Box Adaptor



PART NO: 8/3223 Double Gang Surface Box Adaptor



- Connections to the units should be made as shown below.



If the control circuit is 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 is operating at other than 240V then no link should be fitted and for 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 the socket. Refit the front half of the timeswitch ensuring correct alignment and that no cables are trapped before re-tightening the screws.

- 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.

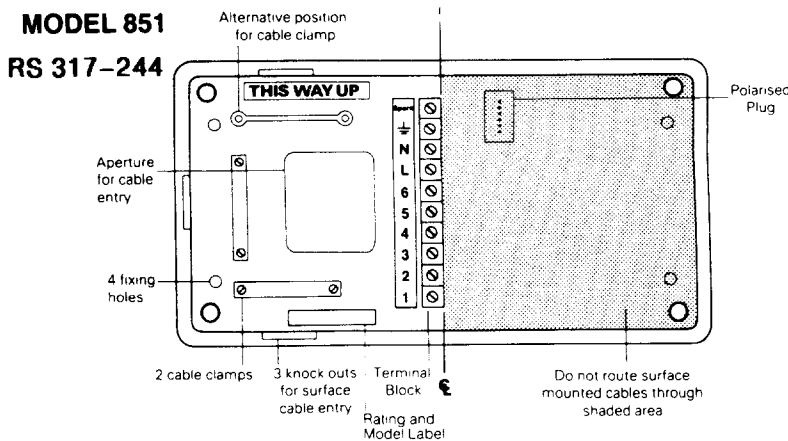
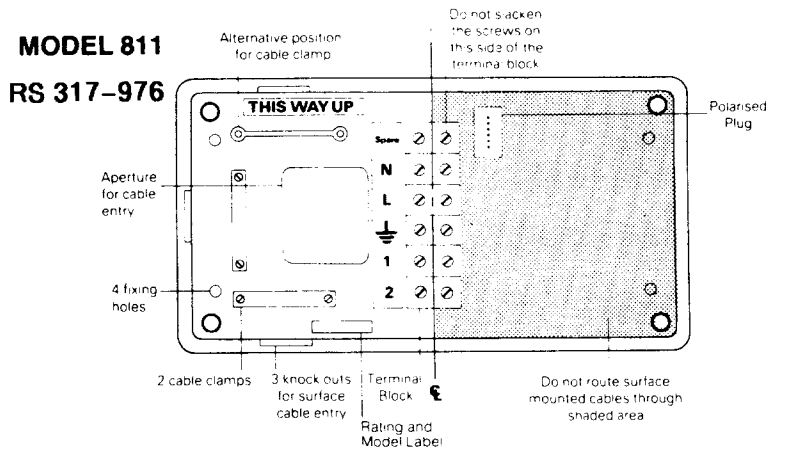
811 Seven Day 851 Single Channel Electronic Timeswitch

Technical Specification

	Model 811	Model 851
Max. current rating of output	30A (resistive) at 240V A.C.	10A (resistive) at 240 A.C.
Output contacts	Enclosed single pole single throw (SPST) voltage free.	Enclosed single pole double throw (SPDT) voltage free.
Mains supply required	220/240 volts. A.C. 50 Hz	220/240 volts. A.C. 50 Hz.
Battery reserve	Retains memory settings for a period of 3 months during mains power failure (once battery is fully charged).	Retains memory settings for a period of 3 months during mains power failure (once battery is fully charged).
Temperature rating	0°C to + 45°C	0°C to + 45°C
Max. number of programmable operations	200 which may be freely allocated throughout the 7 days.	200 which may be freely allocated throughout the 7 days.
Setting resolution	1 minute	1 minute

I.P Rating
Classification of degrees of protection provided by enclosures BS 5490

IP4X of cable entry is from the rear only and unit is directly mounted onto a wall not allowing access



Danfoss Randall Limited

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