

PRE9220, PRE9250, PRE9280UNI

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Cleverly simple
control of energy.

Run timers



SPECIFICATION

Load	16 Amp resistive load 10 Amp incandescent lighting 6 Amp fluorescent lighting 3 Amp compact fluorescent lighting 3 Amp low energy lighting. 3 Amp low voltage lighting (switch primary of transformer) Fluorescent lighting (max 6 fittings recommended). For fluorescent lighting total power factor correction capacitance must not exceed 40µF. 3 Amp fans and ventilation equipment . Switch SON lighting loads via a contactor	Timing period	Adjustable 1 second to 2 hours in ranges
Supply voltage	220-240 Volts AC 50 Hz	Fixing method	Surface fixing 25mm deep plastic surface mount moulded box. Flush fixing 25mm steel wall box or 32mm deep cavity wall box. NOTE: When using a metal box ensure the top and bottom lugs are removed from the box.
		Terminal capacity	4.0mm ²
		Material	Flame retardant ABS
		Type	Class 2
		Temperature	-10°C to 35°C
		Conformity	EMC-89/336/EEC

OPERATION

The PRE9200 series of time delay switches are designed to provide timed control of lighting, heating or ventilation loads.

Using push button, touch (light press required), pull cord or remote activation, the user can switch on a load for a preset time period and have the load turn off automatically after the time period has elapsed.

Multiple timing ranges come as standard to allow the time out period to be set accurately. Time setting is achieved using switches and a thumbwheel at the rear of the unit.

Several modes of operation are selectable using the switches:

- ON/OFF mode: Activating the timer will turn on the load and start the timing. Activating the timer again during a timer run will immediately turn off the load

and stop the time run when a 230v trigger voltage is applied to the TRIG terminal the timer will start. Disconnecting then reconnecting the trigger voltage will then stop the timer.

- Resetting mode: activating the timer will turn on the load and start the time run. Activating the timer again during an existing time run will re-start the time run period from scratch. When using an external trigger in this mode, the timer will not start until the trigger is removed making it ideal for pump or fan overrun applications.
- Non-resetting: Activating the timer will turn on the load and start the time run. Triggering the timer again during a time run will have no effect. Applying a 230v trigger to the TRIG terminal will start the time run. whether the voltage remains or is disconnected the time run will complete.

Due to our policy of continuous improvement, we reserve the right to change specifications without notice. All information was correct at time of when this product file was produced - April 2020

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INSTALLATION INSTRUCTION

Wire the PRE9200 timers as in diagram 1. Connection to the TRIG terminal is optional on all units except the PRE9220 remote timer. Applying a live to the trigger terminal will start the timer running. A momentary switch can be used, for example, in corridor lighting applications. A permanent input can be used, for example, in pump overrun applications.

To switch from more than one position simply wire two or more units in parallel to achieve two way and intermediate switching, or use the trigger terminal with a slave switch.

For lighting applications that call for the replacement of a three wire switching system follow diagram 2. When installing touch switches do not fix to a vibrating or uneven surface.

Diagram 1

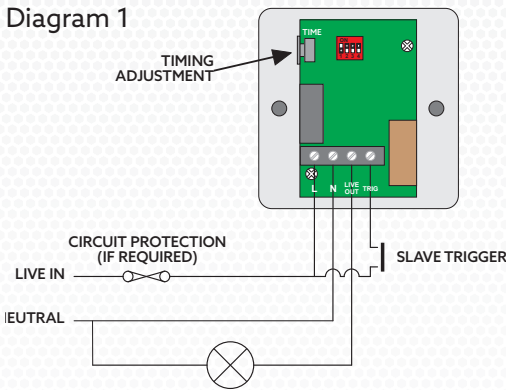
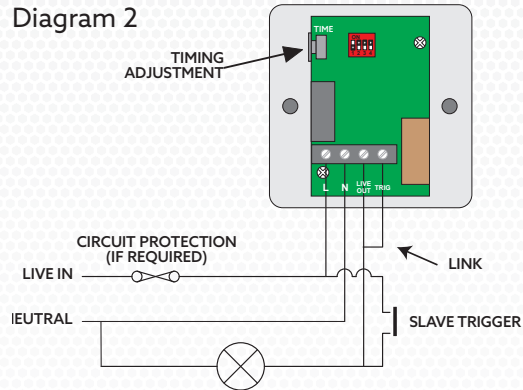


Diagram 2



INSTALLATION & SETTINGS

Warning. This device works at mains potential. Be sure to take care when working with electricity. Ensure all work complies with relevant regulations in force at time of installation.

1. Perform safe isolation procedure of the appropriate circuits
2. Connect the timer to the conductors
Live supply to the L terminal
Neutral to the N terminal
Load to the LIVE OUT terminal
Where required connect the external trigger to the TRIG terminal.
3. Set the timing range according to the diagram opposite. For example; if a timing range of 100 minutes is required set the switches to; 1 to 2 hours.
4. Set the thumb wheel to the precise time setting. the thumbwheel adjusts between the time settings set by the switches. Following the example above the wheel would need to be set to a 2 o'clock position.
5. Double check all connections are correct & firmly fitted.

6. Ensuring the cabling is not in a position to become damaged fit the unit to the box
7. When safe to do so, switch the mains supply back on at the distribution board.

1sec-
5mins



5mins-
15mins



15mins-
1hour



1hour-
2hours



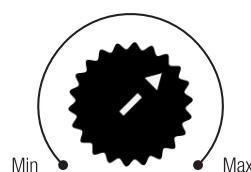
on/off
mode



Resetting



non-resetting
mode



The timing wheel selects the run time. Clockwise turn increases time, anti-clockwise decreases time.

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