

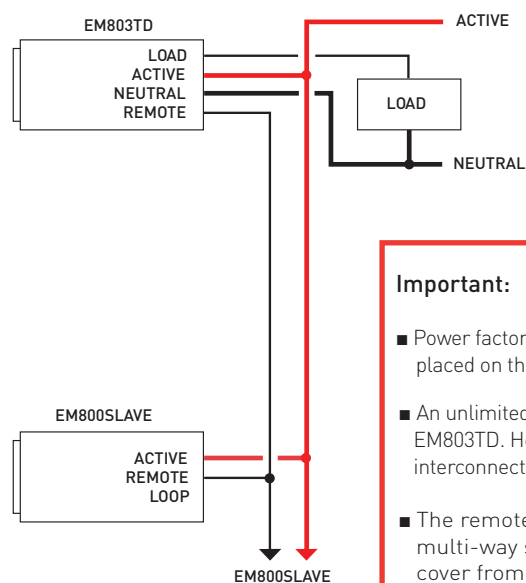
Important:
DO NOT MEGGER THIS PRODUCT.

Technical characteristics

 + 50° C + 0° C 230-240V a.c. 50 Hz	 1x2.5 mm ² 2x1.5 mm ²	Incandescent	Halogen	Fluorescent tube	Wirewound transformer	Electronic transformer	Compact Fluorescent	Fan Motor Small pool pumps Water features
		 1200W	 1200W	 500VA	 500VA	 500VA	 500VA	 500VA

Wiring

- Connect optional Secondary Control Buttons (EM800SLAVE) to enable switching from multiple locations.



Important:

- Power factor correction capacitors must be either removed or placed on the line side of the EM803TD.
- An unlimited number of EM800SLAVE can be connected to an EM803TD. However, the total length of the remote wire used to interconnect all of the EM800SLAVE should not exceed 50 metres.
- The remote wire only needs to be connected if the multi-way switching feature is used. Remove the protective cover from the wire, strip it to an appropriate length and join it to mains rated building wire using a Cat 401 or other suitable screw connector. Do not remove the protective cover from the wire if the multi-way switching feature will not be used.

FUNCTION

- This Time-delay switch can be set in either Minute Mode or Hour Mode.
 - Minute Mode: 1 to 59 minute delay, in steps of 1 minute.
 - Hour Mode: 1 to 24 Hour delay, in steps of 1 hour

The default is Minute Mode, 10 min delay

To change to Hour Mode follow steps 1 & 2 in "Programming - Hour Mode" section.

OPERATION MODES

Minute mode:

- A single press on the button will turn the load ON. Time delay starts.
- The LED indicator will flash **RED**, indicating the number of minutes the load will stay ON before switching OFF.
- The LED indicator will then revert to normal operation colour (configurable, refer to "LED indicator configuration" section)
- During the last 10 seconds of operation, the LED indicator will flash to indicate the load is about to switch OFF.
- At any time during operation, a single press on the button will turn the load OFF and cancel the time delay.
- **TOP-UP FUNCTION:** During operation, press the button twice quickly (within 1 second) to extend the time delay period by 10 minutes. The LED indicator will flash **RED** to indicate the number of minutes the load will stay ON before switching OFF.

Hour mode:

- A single press on the button will turn the load ON. Time delay starts.
- The LED indicator will flash **BLUE**, indicating the number of hours the load will stay ON before switching OFF.
- The LED indicator will then revert to normal operation colour (configurable, refer to "LED indicator configuration" section)
- During the last minute of operation, the LED indicator will flash to indicate the load is about to switch OFF.
- At any time during operation, a single press on the button will turn the load OFF and cancel the time delay.
- **TOP-UP FUNCTION:** During operation, press the button twice quickly (within 1 second) to extend the time delay period by 1 hour. The LED indicator will flash **BLUE** to indicate the number of hours the load will stay ON before switching OFF.

Note: 1. Remote buttons can be connected to perform the same function as the main Time-delay switch.
 2. During TOP-UP FUNCTION, if switched OFF and switched back ON, it will revert to the initial time programmed without the extended time.

LED INDICATOR CONFIGURATION

- In normal operation, the LED indicator colour can be configured as per four settings:

Mode	Status of LED indicator	
	LOAD ON	LOAD OFF
1 (default)	Bright RED	Faint RED
2	Bright BLUE	Faint BLUE
3	Bright RED	OFF
4	Bright BLUE	OFF




- To change between modes, press and hold the push button for at least 10 seconds. When the LED colour changes to **VIOLET**, release the button. This will select the next mode in the sequence above.

Important: A) The visual confirmation for the Hour Mode [BLUE] or Minute Mode [RED] have fixed colours.


B) For normal operation LED colour can be a different colour from the Hour or Minute mode, depending on the settings by user as per above chart.


PROGRAMMING

Minute mode:

1.  Press and hold the button for 20 sec. The LED will turn **VIOLET** then turns **BLUE** and then to **RED**.


2. Release the button. The switch has now entered Minute Timer Mode.

3.  Press the button between 1 and 59 times, according to the number of minutes for the desired time delay. For example: if you want a 15 minutes time delay, press the button 15 times consecutively.


4.  The Red LED will flash to give visual confirmation of the time delay programmed. For Example: if you have pressed 15 times it will blink 15 times indicating 15 minutes delay.


- Programming mode expires 60 seconds after the last button press. The new setting is then stored in memory. The programmed time delay period will remain stored in memory even in the event of a power failure.
- The time-delay switch reverts to the operation mode (refer to "LED indicator configuration" section).

Hour Mode:

1.  Press and hold the button for 30 sec. The LED will turn **VIOLET** then turns **BLUE**.

2. Release the button. The switch has now entered Hour Timer Mode.

3.  Press the button between 1 and 24 times, according to the number of hours for the desired time delay. For example: if you want a 4 hours time delay, press the button 4 times consecutively.

4.  The Blue LED will flash to give visual confirmation of the time delay programmed. Example: if you have pressed 4 times it will blink 4 times indicating 4 hours delay.

- Programming mode expires 60 seconds after the last button press. The new setting is then stored in memory. The programmed time delay period will remain stored in memory even in the event of a power failure.
- The time-delay switch reverts to the operation mode (refer to "LED indicator configuration" section).

PRODUCT NOTES

- For indoor use only.
- This product must be installed and used as per these instructions.
- This product must be installed by a licensed electrician.
- This product is not suitable for installation in hazardous and/or corrosive areas.
- This product has been designed to operate on a nominal supply voltage of 230V- 240V a.c. 50 Hz.
- This product has been designed with short-circuit protection features. Very high short-circuit currents may still damage the product.
- This product has been designed to minimise the effects of interference from off-peak electricity signals. Interference in the form of light flicker is still possible in some cases depending on proximity to the signal injection point.
- Electrical installations periodically receive transient over-voltages. This product has been designed to minimise the effect of such voltages on the connected equipment. It may not give full protection for extreme transient over-voltages such as those resulting from a close lightning strike.
- Extended exposure to UV rays (such as exposure to direct sunlight) may cause discolouration of this product.
- This product contains no serviceable parts and no attempt should be made to repair this product. If the product is faulty it should be discarded.
- This product should not be installed in areas exposed to constant vibration, temperature fluctuations, or areas of high humidity.
- The material in this product may vary in colour from batch to batch. Colour matching from one batch to another cannot be guaranteed.
- Legrand reserves the right to modify the specifications of this product at any time.
- This product utilises intellectual property in the form of registered designs, trademarks, and/or patents. Such intellectual property remains the property of Legrand in all cases.

Warranty

These goods come with guarantees that cannot be excluded under the Australian and New Zealand Consumer Laws. You are entitled to a replacement or a refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Customer Service

For all Customer Service and Technical Support please call Monday to Friday during business hours.

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