



To be read in full before installation and kept for future reference

Slimline	S1261 & S1262	Dimmer Switch 1g and 2g
Slimline Décor	SD1261 & SD1262	Dimmer Switch 1g and 2g
Slimline Screwless	8625 & 8626	Dimmer Switch 1g and 2g
Ultra Flatplate	8125 & 8126	Dimmer Switch 1g and 2g
Ultra Screwless	8525 & 8526	Dimmer Switch 1g and 2g

Dimmer Features	Batch Number
<ul style="list-style-type: none"> This Dimmer Switch is suitable for Dimmable LED Lamps and Incandescent Lamps Ideal for controlling the DETA range of Fire Rated Dimmable LED Downlights This dimmer automatically changes mode, to either leading or trailing edge, to suit load Control other load types, e.g. tungsten halogen, incandescent, low voltage electronic transformers Soft Start to increase lamp life, particularly for MV and LV lamps Overload protection will automatically turn off the lamp until the overload is removed, dimmer cools down and then resets itself Push on / Push off control for ease of operation Suitable for 1-way and 2-way switching 	<p>Please record the batch number printed on the side of the module on the back of the product. The batch number is in the form ##Y## A#.</p> <p>BATCH N°: _____ Y _____ A _____</p> <p>This will assist us in providing any technical support you may require.</p>

Safety Instructions	Installation Instructions
<p>Read these instructions carefully. Incorrect installation may damage the dimmer beyond repair.</p> <ul style="list-style-type: none"> This dimmer switch must be installed in accordance with the current edition of the IEE Wiring Regulations Always switch off the electrical supply before commencing installation. Do not overload the dimmer – this may damage the dimmer beyond repair. If the dimmer is to be used to control tungsten halogen lamps, de-rate the dimmer to 75% of the maximum load. If using in Leading Edge mode, de-rate the dimmer to 75W max. due to some lamps having a high inrush current. Use only on an electricity supply of 220-240 volts AC When controlling the load from two positions, it is only possible to have one dimmer switch. The other needs to be a 2-way switch. Ensure that the mounting box is at least 25mm deep. Metal mounting boxes must be earthed. <p>If in doubt, contact a qualified electrician.</p> <p>IMPORTANT: Read “Loading Advice” section overleaf before installing this dimmer switch.</p>	<ol style="list-style-type: none"> Switch off the mains supply before commencing the installation. If removing the existing switch, disconnect the wiring from the switch terminals at the rear and take note of the present wiring of the switch and the marking on the terminals. Ensure that any mounting box is free of plaster lumps or projecting screw heads. 1g dimmers can fit into a 25mm back box; 2g dimmer switches need a 35mm back box to allow for heat dissipation. These dimmer switches can be installed in boxes with two mounting lugs only. Other mounting lugs need to be removed or bent flat. Terminate the dimmer switch in accordance with the diagrams in the Wiring Instructions section. Take care that no bare wires project out of the terminals. Keep wires together in a terminal if they were together in your old switch. Dimmer switches having a metal front plate must be earthed by means of the earthing point on the dimmer. After connecting the wires screw the dimmer switch gently into the wall box so that the front plate does not distort or crack. Do not trap the wiring between the rear of the dimmer and the back of the wall box.

Wiring Instructions – Typical Lighting Circuits
<p>This dimmer switch is suitable for 1-way or 2-way lighting circuits. There are three terminals per module.</p> <p>1 way Circuits In 1-way lighting circuits each lamp is controlled by one dimmer switch. Follow the wiring in Figure 1.</p> <p>L live supply,  load</p> <p>2 way Circuits 2-way lighting circuits have two switches turning the same lamps on and off from two different locations (e.g. at the top and bottom of the stairs), however only one of these can be a dimmer switch, the other must be a 2-way switch. Follow the wiring in Figure 2.</p> <p>L live supply,  load, L1 switch live</p>

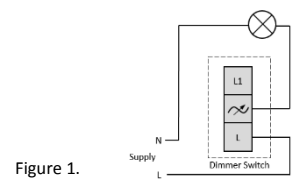


Figure 1.

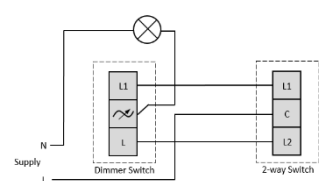


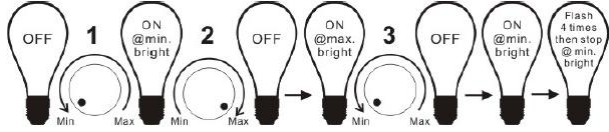
Figure 2.

Optimising the Performance of Your Dimmer Switch
<p>This dimmer switch is preset for optimum control of Deta LED Dimmable Fire Rated Downlights.</p> <p>Most dimmable lamps have an optimum performance mode – Leading Edge or Trailing Edge. It is possible to change the dimming mode, this will prevent the lights from flickering. See “Changing the Dimmer Mode” below.</p> <p>Additionally, the minimum brightness setting of the dimmer can be adjusted to achieve the optimum dimming range for a particular load. See “Compatibility and Loading Advice” below. Also see “Adjusting the Minimum Brightness” below.</p> <p>You may need to refer to these instructions if you change your lights to a different type at a later date so please keep them for reference.</p>

Changing the Dimmer Mode

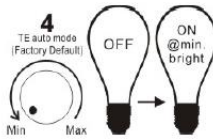
This dimmer automatically changes its mode of operation, leading or trailing edge, to suit the load, particularly when controlling LED lamps.

If the load, especially LED lamps, do not dim smoothly it is possible to change the dimmer mode manually. To enter TE (auto detection and factory default mode) or LE mode:



1. Whilst power is switched OFF, turn control on dimmer to min. position (1)
 - Switch power ON (ensure lamp is still switched off at this point)
 - Switch lamp ON
2. Turn control to max. position
 - Switch lamp OFF, then ON
3. Turn control to min. position
 - Switch lamp OFF, then ON – lamp will flash 4 times – you then have the option to set trailing edge (see 4. below) or leading edge mode (see 5. below)

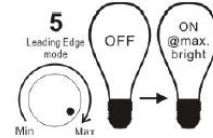
4. Set TE auto detection mode (factory default)



- Turn control on dimmer to min. position switch OFF lamp, then ON
- The lamp will flash twice – you have correctly set TE mode.

Or:

5. Set LE mode

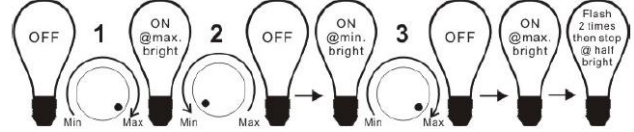


- Turn control on dimmer to max. position, switch OFF lamp, then ON
- The lamp will flash once and then dim – you have correctly set LE mode.

Note: Steps 1-3 need to be performed within 15 seconds or it will cause the unit to revert back to previous settings.

Adjusting the Minimum Brightness

The minimum brightness level can be adjusted to achieve the optimum dimming range for a particular load.



1. Whilst power is switched OFF, turn control on dimmer to max. position
 - Switch power ON (ensure lamp is still switched off at this point)
 - Switch lamp ON
2. Turn control to min. position
 - Switch lamp OFF, then ON
3. Turn control to max. position
 - Switch lamp OFF, then ON – lamp will flash 2 times
 - Adjust the control to set your desired min. brightness
 - Switch lamp OFF, then ON
 - The lamp will flash once and then dim – you have correctly set your min. brightness

Dimmable LED Lamps

The recommended minimum load per gang is 5W. Always choose LEDs that are “dimmable” and for the best performance choose dimmable LEDs from established brands. We cannot guarantee that all LEDs labelled as “dimmable” can actually be dimmed satisfactorily.

Maximum and minimum loads will vary according to make and type of LED. If in doubt, use 2 to 10 lamps per gang (100W max).

The dimming performance of dimmable LEDs may be improved by following the steps outlined above under the heading “Changing the Dimmer Mode”.

Compatibility and Loading Advice

Always use the same brand and wattage of LED lamp on each circuit.

This Dimmer Switch is suitable for:

- Most dimmable LEDs [see “Dimmable LED Lamps” box]
- Mains voltage incandescent, GLS or candle-shaped bulbs
- GU10 or similar good quality mains halogen bulbs
- Wire-wound or toroidal transformers (dimmer must be in trailing edge mode)

This Dimmer Switch is not suitable for:

- Fluorescent bulbs and tubes
- Electric motors
- Non dimmable LEDs

Specification

Load Type:	Power Rating per Module:	Voltage	220 – 240V ac 50Hz
• LED	5-100W (75W LE Mode)	Compliance	BS EN 60669-2-1
• Mains Tungsten Halogen	10-250W	Back Box (recommended)	25mm for 1g dimmers 35mm for 2g dimmers
• Incandescent and ECO Halogen	10-250W		
• LV Transformers	10-250W		

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