

Install according to wiring instructions shown in Fig. 1 and 2. Screw to wall box using screws provided and replace cover plate.

ENSURE THE CLEAR PLASTIC MOUNTING FRAME IS FITTED IN PLACE.

For 2 Way or Multi-Way installations, separate momentary action 'retractive' press switches are required. Any existing 2 way or intermediate switches **MUST** be replaced.

Refer to Schneider Electric Catalogue for product details.

DO NOT CONNECT MORE THAN ONE DIMMER IN EACH LIGHTING CIRCUIT.

#### Installation and Operating Instructions

Read these instructions fully before commencing work and retain them for future reference.

#### SAFETY INSTRUCTIONS

These accessories are to be installed in accordance with the current edition of the IEE Wiring Regulations (BS 7671: Requirements for Electrical Installations) and appropriate statutory regulations.

In the Republic of Ireland the installation must be in accordance with the ETCI National Rules for Electrical installations – ET 101.

**NOTE: IF YOU ARE IN ANY DOUBT ON HOW TO PROCEED, CONSULT A QUALIFIED ELECTRICIAN**

#### 4. 1 WAY INSTALLATION WIRING DIAGRAM

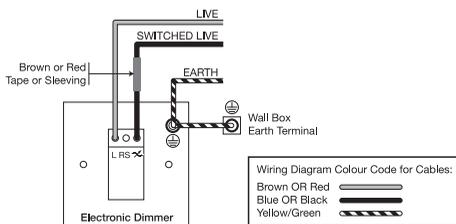


Fig. 1

**IMPORTANT** - for 1 way Installation  
Do not connect any conductor to dimmer terminal marked RS. This is only for use with 2 way switching.

Electrical installations and in particular 2 way and multi-way lighting circuits may be wired in different ways.

1. Switch OFF the mains supply and remove the appropriate fuse or switch from the appropriate circuit breaker before commencing installation. Ensure that no one else has access that would enable the supply to be inadvertently reconnected.
2. Remove the existing accessory from the wall (if using the new accessory to replace an old one).
3. Remove any plaster debris and dust from the inside of the mounting box (wall box). Ensure that the heads of any box fixing screws do not protrude into the box.
4. For the best mounting results and visual appearance, it is recommended that prior to installation, the mounting surface beneath the accessory front plate is first prepared to ensure that it is flat and all high spots have been removed.

#### 5. 2WAY AND MULTI-WAY INSTALLATION WIRING DIAGRAM

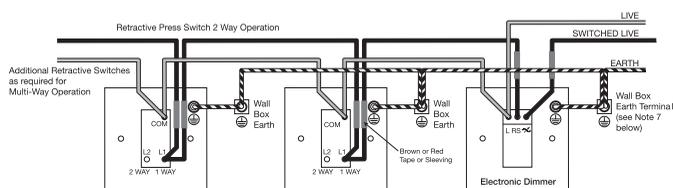


Fig. 2

#### IMPORTANT - for 2 Way and Multi-Way Installation

1. Any existing 2 Way or Intermediate Switches **MUST** be replaced with Retractive Press Switches.
2. Any number of Retractive Press Switches may be installed

5. Certain accessories may require that the top and bottom lugs in 1 gang, 4 lug boxes, are bent inwards and out of the way to ensure the correct installation within the box.
6. Always use cable of the correct rating and type.
7. The layout of the terminal connections may differ between fittings, carefully check the location of the terminal connections before wiring.

#### Instructions for Grid Frame Mounting Dimmers

Grid frame modules require a wall mounting box of at least 35mm depth. Carefully remove the cover plate by undoing the two screws with the hexagonal key provided.

For screwless cover plates, remove by inserting a flat bladed screwdriver into one of the slots in the side of the moulded frame surround.

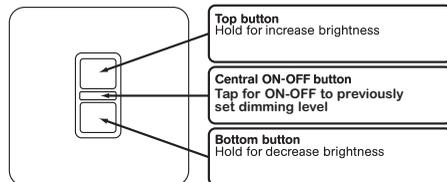
Ensure the total connected load is within the limits detailed in Technical Specification (see table).

provided total cable length does not exceed 50m.

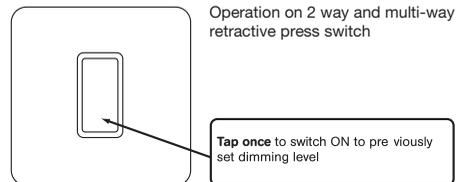
3. Either 1 Way normally open or 2 Way Retractive Push Switches may be used.
4. If 2 Way Switches are used, connect to Common (COM) and normally open L1 (1 WAY) terminals as shown. Do NOT use the L2 (2 WAY) terminal.
5. If replacing an existing 2 Way Switch, cut back and insulate the unused 2 way wire previously connected to the L2 (2 way) terminal.
6. Do NOT connect more than 1 Dimmer in the same circuit.
7. Remove label covering centre terminal marked RS on rear of dimmer. This terminal is to be connected to Retractive Switch as shown in wiring diagram. Do NOT connect any other conductor to this terminal.

## User Operating Instructions

### LED Dimmer



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## Technical specification

Rated Voltage: 220V-250V Vac 50 Hz  
(not compatible with 100-125 Vac or 60 Hz supplies)

Product standards: EN 60669-2-1

Type of ballast	Minimum Load	Maximum load
Mains voltage tungsten halogen lamp	10 W	200 W
Low voltage halogen lamp	10 W	200 W
LED lamp*	5 W	100 W

\* For LED lamp compatibility please visit [www.dimmer-test.com](http://www.dimmer-test.com)

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- + Do NOT use with Compact Fluorescent Lamps (CFL) even if marked 'dimmable' or fluorescent lamps or motor loads.
- + When running multiple dimmable lamps ensure that all lamps are working correctly.
- + Replace failed lamps as soon as possible as a single failed lamp may cause flickering of other lamps.
- + When using mains voltage Tungsten Halogen lamps, it is essential that these types of lamps incorporate internal fuses and are from quality lamp manufacturers. The use of inferior low quality lamps without internal fuses is not recommended and will invalidate any guarantee or warranty supplied with the dimmer switch.

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- + For two-way or more switching ONLY use retractive switches. Do NOT use two-way switches.
- + Do NOT mix dimmable LED lamps with mains voltage Tungsten Halogen lamps on the same dimmer switch.
- + These dimmer switches use Trailing edge (phase cut) dimming technology and must therefore be used with compatible good quality dimmable Trailing edge LED lamps.

### General User Guidance

All electronic dimmers generate heat. During normal operation, and particularly with high connected lamp loads, the buttons may become warm to the touch. This is perfectly normal and does not indicate a fault. Switch OFF mains before attempting to clean the dimmer.

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The front buttons of the dimmer may be cleaned using a lint free cotton cloth, very lightly moistened with a diluted detergent such as washing up liquid. This detergent MUST be diluted with water before use.

DO NOT allow any water to enter the dimmer module.

DO NOT use concentrated detergents, spray cleaners, solvents or abrasive cleaners.

Dry thoroughly before reconnecting to the mains. If water is allowed to enter the dimmer module, DO NOT reconnect the mains supply. Consult a competent electrician.

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### International Customer Care Centre Numbers

Saudi Arabia	+966 920011101
Cyprus	+357 24812649
Iraq	+962 65166260
Jordan	+962 65166465
Lebanon	+961 1321645
Hong Kong	+852 2579 9699
Nigeria	+234 (0)14483381
UAE/Pakistan/Yemen	+971 4 7099333
Bahrain	+973 17 213277
Kuwait	+965 22494604
Oman	800 73666
Qatar	+974 44553010
UK	+44 (0)870 608 8608

Schneider Electric Ltd,  
Stafford Park 5, Telford, Shropshire TF3 3BL, UK  
[www.schneider-electric.com](http://www.schneider-electric.com)

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