

# DETA

## S L I M L I N E

### Instruction Leaflet

#### Catalogue numbers

S1251	1 gang, 1 way, 40-250W rotary on/off dimmer.
S1252	2 gang, 1 way, 40-250W rotary on/off dimmer.
S1253	1 gang, 1 or 2 way, 60-400W push on/off dimmer.
S1254	2 gang, 1 or 2 way, 60-400W push on/off dimmer.

#### Description

This range of dimmer switches is suitable for dimming incandescence loads and some electronic low voltage lighting transformers. Ensure you have the correct dimmer for your application. These dimmers are not suitable for inductive, fluorescent or energy saving loads.

#### Safety Instructions

- Always switch off the electrical supply before commencing installation.
- If the dimmer is being used to control halogen lamps, then derate the dimmer to 75% of maximum load.
- Metal mounting boxes must be earthed.
- Do not overload or under load the dimmer.
- When controlling a light from two positions, it is only possible to have one dimmer switch. The other control needs to be a normal switch.
- Ensure that the mounting box is at least 25mm deep.
- For the 400W dimmers, use a mounting box that is at least 35mm deep to allow for heat dissipation.
- **If in doubt, contact a qualified electrician.**

#### Installation

1. Switch off the mains supply before commencing the installation.
2. Remove the existing switch, taking note of the wires and which terminals they are in. If there are two wires in one terminal of the existing switch then they must be kept together in the dimmer switch.
3. Ensure that the mounting box is free of plaster lumps or protruding screw heads.
4. These dimmer switches can be installed in boxes with two mounting lugs only. Other mounting lugs need to be removed.
5. Terminate the dimmer switch in accordance with the diagrams in the Wiring Instructions section.
6. Fit the dimmer switch onto the mounting box, taking care not to pinch or trap any wires.
7. Switch on the power supply. A slight buzzing sound may be heard from the dimmer in operation - this is normal.
8. For wiring instructions please see overleaf.

# DETA

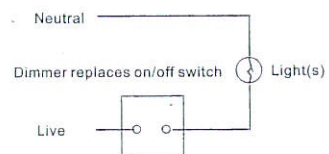
## S L I M L I N E

### Wiring Instructions

- Remove 6mm of insulation from the wire.
- Follow one of the following diagrams:

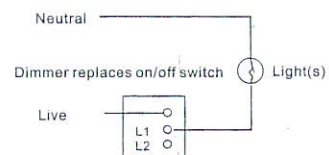
#### One way switching

Fig.1  
250W 1 way dimmer



Reconnect the existing wires either way round to the 2 terminals on the back

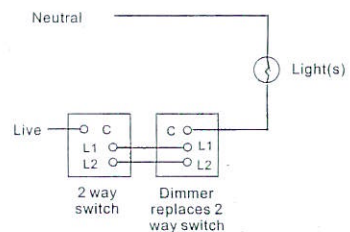
Fig.2  
400W 2 way dimmer



Reconnect the wires either way round to the C terminal and one of the "L" terminals

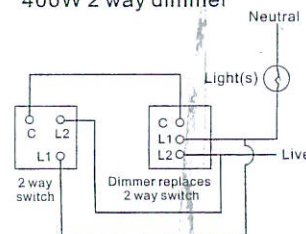
#### Two way switching

Fig.3  
400W 2 way dimmer



Dimmer must replace only one of the 2 way switches

Fig. 4  
400W 2 way dimmer



Dimmer must replace only one of the 2 way switches

### Specification

Voltage 200 -250V 50 Hz.  
Wattage rating See Catalogue number above

Mounting boxes (recommended)	flush			dry lining		surface	
	250W	DB162	DB2540	DB2540	V1221	DB2540	V1222
	400W	DB164	DB2540	DB2540	V1222		