DOYLE & TRATT PRODUCTS LTD

VARILIGHT

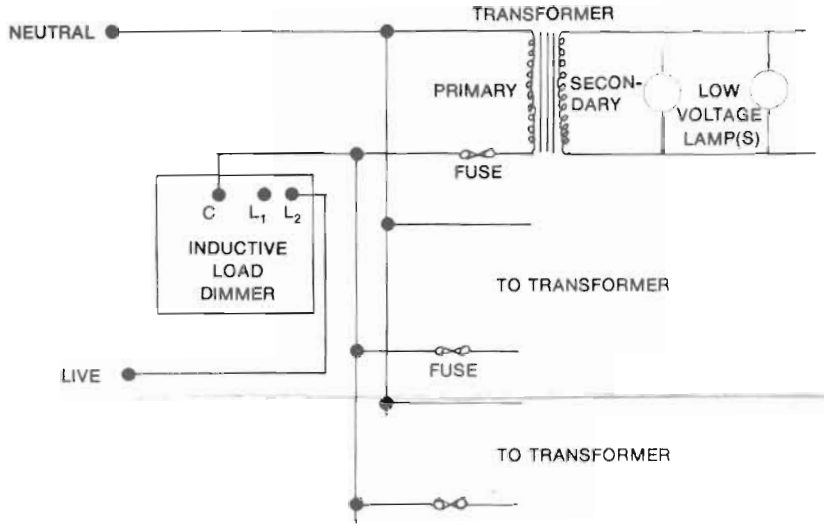
INDUCTIVE LOAD DIMMERSWITCHES
(e.g. LOW VOLTAGE LIGHTING)

General Notes:

- Use only on an electricity supply of 200 - 250 volts A.C. 50 cycles per second.
- "Low voltage" dimmers are specially designed to control the wire wound transformers used for low voltage lighting systems. It is not possible to dim some electronic transformers. The dimmerswitches can also be used to control standard tungsten filament mains voltage lighting, but not fluorescent lighting.
- The dimmerswitch may be fitted to a wall box having 60.3 mm screw fixing centres and a minimum depth of 16 mm (i.e. a normal plaster depth flush box, or a normal surface mounted switch box). It must **not** be fitted into a metal box having 4 fixing lugs. If such a box is already fitted into the wall, the top and bottom lugs **must** be broken off.
- Dimmerswitches having a metal front plate must be earthed by means of the earthing point provided on the dimmer.
- Dimmers must not be overloaded. The maximum wattage is indicated on the back of your unit. Any combination of transformers can be used up to the maximum wattage of lighting load. Each transformer must have its own separate fuse.
- A slight buzzing may be heard from the dimmerswitch in operation. This is quite normal.
- Read instructions below carefully. Incorrect installation may damage the dimmer beyond repair. In case of any doubt or difficulty consult a qualified electrician.

Fitting Instructions. See diagram for replacement of a one way switch.

- Switch off at the mains; then remove the existing switch, disconnecting the wiring from the two switch terminals at the rear. If there is more than one wire together in the old switch they must be kept together in the dimmer.
- Ensure that the wall box is free of any plaster lumps or projecting screw heads.
- Reconnect the existing wires **either way round** to two terminals on the back of the dimmerswitch according to the diagram. Take care that no bare wires project out of the terminals.
- Screw the dimmerswitch gently into the wall box. Do not trap the wiring between the rear of the dimmer and the back of the wall.
- Switch on the mains supply.
- Switch on the dimmerswitch turning the control knob to give the desired light level.



Push on/push off dimmers have three terminals. For 1-way circuits, connect wires either way round, to C and L_2. Push on/push off dimmers can be used in 2-way lighting circuits where the two switched lives should be connected to L_1 and L_2. If in doubt, consult a qualified electrician.

To fit 2 gang dimmerswitches, treat each pair of terminals at the back of the unit as a separate dimmerswitch, wiring them into the lighting circuits as described above. If required, one terminal from each of the pairs of terminals may be joined together with a short length of wire to produce a common terminal.

GUARANTEE Important: In case of any defect return the dimmer to the manufacturers and NOT to the supplier from whom it was bought. This guarantee is in addition to and not in derogation of the statutory rights of the purchaser and is offered so that you may have the benefit of our technical facilities.

Should any defect occur in this unit within 12 months of its purchase. Doyle and Tratt Products Ltd., will replace or repair the defective unit free of charge, provided that:-

(a) The unit has not been electrically overloaded beyond its rated capacity, and has been correctly fitted according to the instructions.

(b) It has not been used on an electricity supply other than 200-250v, 50 cycles/second.

(c) It has not been tampered with or taken apart.

(d) The unit is securely packed and safely returned to DOYLE AND TRATT PRODUCTS LTD., KILNWOOD, KILNWOOD LANE, FAYGATE, HORSHAM, WEST SUSSEX RH12 4SL together with a letter stating the **guarantee registration number below.** The date and place of purchase, the type and wattage of the lighting or other load being controlled and the details of the fault.

GUARANTEE REGISTRATION NUMBER 640L

This MUST be quoted for the guarantee to apply.