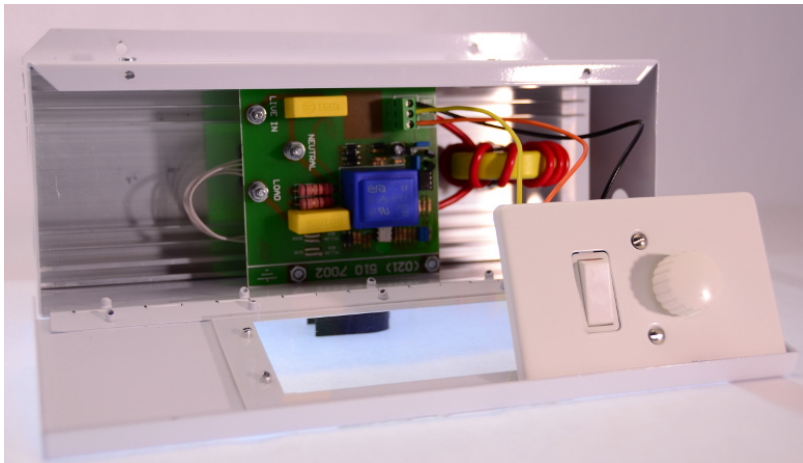


Heavy Duty RD Dimmers

RD Range (Range: 2Kw, 3Kw, 4Kw, 10Kw)



Model	RD 2Kw	RD 3KW	RD 4KW	RD 10KW
Max wattage	2 000 watt	3 000 watt	4 000 watt	10 000 watt
Size	150mm x 100 x 150 mm			300mm x 100 x 150 mm
Control	POT - The pot may be mounted up to 100m from the dimmer			

Live in : L-> Live out: <- Earth '|- Pot

The pot may be mounted up to 100m from the dimmer. The remote pot is available 1,2,3lever 4x2 or 4x4. One of the switches should be used to switch the live supply to the "live in" terminal of the dimmer.

Installing the Dimmer:

- Ensure that the power is off, remove the existing light switch, taking note of the existing connections.
- Light dimmers as with all electrical appliances should be installed by suitably qualified personnel.
- Ensure you have the correct dimmer before installation.
- Calculate the load, by adding up the wattage of all the lights to be dimmed.
- If the lights are of the low voltage type, do not exceed the inductive rating of the dimmer, this is the lowest
- rating of the dimmer, usually about 25% less than the resistive rating.
- The total load must not be greater than the rating of the dimmer.
- Also ensure that the total load is at least 10% of the rating of the dimmer.

- For best operation, and longest life the load on the dimmer should be between 30% and 70% of the rated load.

Trouble Shooting

- The dimmer gets hot or has a burning smell.
- The dimmer is overloaded, turn off and recalculate the load.
- The lights flicker
- The dimmer is under loaded.
- Replace 40watt bulbs with 60watt or
- There are electronic transfers that are not suitable for dimming.
- Electronic transfers must be marked "suitable for dimming".
- Use a voltage stabiliser with electronic transfers that are noisy or unstable (flicker).
- These dimmers have been tested for compliance with the S.A.B.S regulations regarding the electro-magnetic
- interference levels.

CAUTION:

Never connect the dimmer to any earth (green) or neutral (black) wires.
When used on "low voltage" lights connect the transfer and NOT the 12V side.