

Troubleshooting

Lamp flickers:

- Load incompatible with leading edge dimming
Consider using DANLERS trailing edge, Quiet **Grid** dimmer.

Rotary dimmer fails after some time:

- Halogen lamp, not incorporating an integral safety fuse, failed.

Rotary dimmer 'buzzes':

- This can occur with leading edge dimmers,
Consider using DANLERS trailing edge, Quiet **Grid** dimmer.

Rotary dimmer gets warm:

- This can occur with dimmers, especially when controlling large loads.

Precautions and Warranty

This product conforms to BS EN 60669-2-1 and BS EN 55015:1993

Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided e.g. 6 amps over current, 1kV over voltage. Please ensure that this device is disconnected from the supply if an insulation test is made.

This product is covered by a warranty which extends to 5 years from the date of manufacture.

Also available from DANLERS

- PIR occupancy switches • Daylight linked dimmers • Manual high frequency dimmers
- Photocells • Radio remote controls • Time lag switches • Outdoor security switches
- Dimmers • Heating, ventilation and air-conditioning controls • Bespoke / O.E.M. products

Please call for more information or a free catalogue, or visit our website.

DANLERS Limited, Vincients Road, CHIPPENHAM, Wiltshire, SN14 6NQ, UK.
Telephone: +44 (0)1249 443377 Fax: +44 (0)1249 443388
E-mail: sales@danlers.co.uk Web: www.danlers.co.uk
Company Registered Number 2570169 VAT Registration Number 543 5491 38



DANLERS

Installation notes

Plated rotary 1-way (rotate on & off) Dimmer for resistive loads

DR1D 250W

DR1D 400W

DR2D 250W

DANLERS plated rotary 1-way 'leading edge' dimmers are available as either one gang (250 or 400W) or two gang (250W) dimmers on a square plate.

Rotate the knob to turn the lamp then rotate it further clockwise to brighten the lamp and anti-clockwise to dim it and rotate further to switch the lamp off.

The lamp cannot be switched or dimmed from other locations.

Loading

DANLERS plated rotary dimmers can control any resistive lighting load, such as incandescent and mains halogen (these should include an integral thermal safety fuse).

Each individual dimmer switch can dim within the following loading limits and need the following wall box depth.

Part Code	Gang	Min (per gang)	Max (per gang)	Box depth
DR1D 250W	1	40W	250W	16mm
DR1D 400W	1	60W	400W	16mm
DR2D 250W	2	40W	250W	16mm

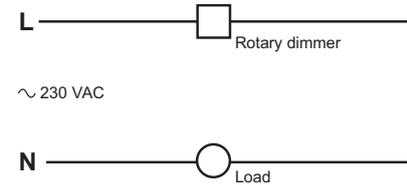
Installation procedure

1. Please read these notes carefully before commencing work.
In case of doubt please consult a qualified electrician.
Make sure the power is isolated from the circuit.
2. The DANLERS Rotary dimmer should be connected as:

L1 Live
L2 NOT USED
3 Variable Live
- 3 Typical wiring diagrams are shown opposite.
4. Once the wiring has been completed and verified, switch on the supply and test the operation.

Typical wiring diagram

1-way switching and dimming



DANLERS Rotary Dimmers are not suitable for 2-way circuits.

For 2-way circuits use DANLERS Push Dimmers.