

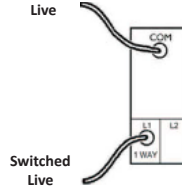
Fitting Instructions for Varilight Wiring Accessories

Please read these instructions carefully before beginning any electrical work and retain them for future reference. The product should be installed in accordance with the current addition of the **IET Wiring regulations**. If in doubt, consult a **qualified electrician**.

1. Always **switch OFF the mains supply** and remove the appropriate fuse or switch off the appropriate circuit breaker before beginning electrical work.
2. Always use **cable of the correct rating** and type.
3. The layout of the terminals may differ between fittings so **check the location of terminal connections carefully** before wiring.
4. Make electrical connections according to the relevant diagram **ensuring no bare wires protrude from the terminals**. Please ensure all terminals on each product are securely tightened, including factory tightened terminals
5. If the product has an earth terminal connect the fixed earth wire to it and then **connect a short length of wire from the earth terminal on the product to the earth terminal on the wall box**. The earth wire should be sheathed with green and yellow sleeving.
6. **Screw plate to wall using fixing screws supplied.**
7. **Switch on the mains supply.**

WARNING: Do not apply products with metal faceplates directly to freshly plastered or damp surfaces as product may tarnish. If in doubt, use polythene as a temporary gasket to protect the product. Do not use masking tape on metal faceplates.

1-Way Switch Wiring



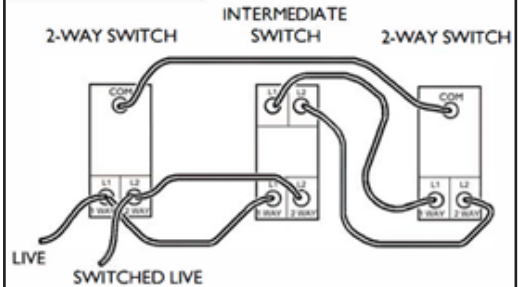
For 2 or more gangs the live wire may be connected to each COM terminal by means of a short length of sleeved wire.

2A, 5A, 13A Socket Wiring

Wiring

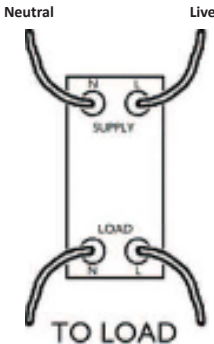
All sockets must be earthed and check earth leads adequately sleeved. Connect the earth wire(s) to the terminal marked with an earth symbol. Connect the live wire(s) to the terminal marked L. Connect the neutral wire(s) to the terminal marked N.

Intermediate Switch Wiring



Double Pole Switch Wiring

Wiring



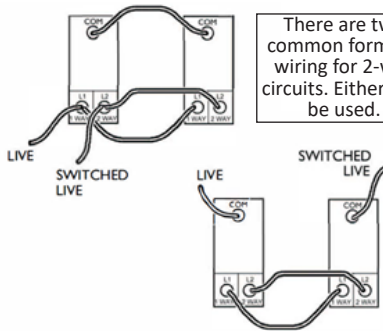
FAN ISOLATORS

Can be wired using the above configuration. The third pair of terminals should be used for fan units incorporating timers.

For FAQs, please visit:
www.varilight.co.uk/faqs

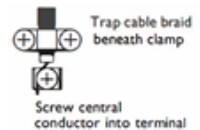
Doyle & Tratt Products Ltd, Carylls Lea, Faygate, Horsham West Sussex, RH12 4SJ, UK, +44 (0)1293 223333
Varilight Europe Kft, H-2659 Ersekvadkert, Petofi UT 1, HUNGARY

2-Way Switch Wiring



There are two common forms of wiring for 2-way circuits. Either may be used.

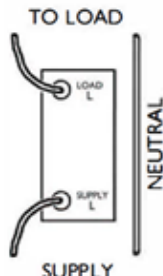
Coaxial Socket Wiring



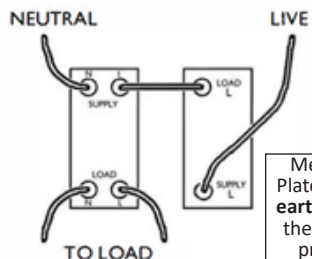
TELEPHONE SOCKETS

Master sockets should only be fitted by an authorised engineer. When fitting a telephone secondary extension, simply connect terminals 2, 3, 4 & 5 on the master unit to the same terminal number on the slave unit with the same cable colour.

Fuse Holder Wiring



Fuse Holder Used With Double Pole Switch Wiring



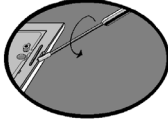
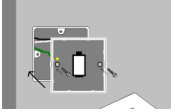
Metal Grid Plate **must** be earthed using the terminal provided

Lifetime Guarantee

If this item becomes defective, **Varilight** undertakes to repair or replace it, at its discretion, solely as a result of faulty materials or workmanship, provided it has been correctly fitted, not overloaded, tampered with, or taken apart. Return the unit securely packed to: **Service Department, Carylls Lea, Fayette, Horsham, West Sussex, RH12 4SJ (Tel. +44 (0)1293) 223333**, with a letter stating the guarantee registration number, date and place of purchase, and details of the fault. This guarantee states Varilight's entire liability and does not cover consequential loss, damage, or installation costs. It does not affect your statutory rights. **For troubleshooting, visit varilight.co.uk/faqs, call +44 (0)1293) 223333, or raise a support ticket at varilight.co.uk/help.**

Guarantee Registration Number: WA007

Fitting Screwless Accessories

1. If you have a Screwless product, place it face down on a soft surface. Insert a screwdriver tip into one of the short slots and twist a quarter turn to release the decorative front plate. Lift out the switch assembly. 
2. Ensure the wall surface around the wall box is flat, sanding away any uneven material if necessary.
3. Connect wires to the appropriate terminals, including the earth wire to the earth terminal on the metal back plate. See overleaf for wiring diagrams.
4. Fix the switch assembly to the wall box using the screws provided. Tighten evenly and gradually — do not overtighten, as this will deform the plastic clips and prevent the front plate from seating correctly. 
5. Press the decorative front plate firmly into place, applying gentle pressure to each side until the clips engage.



VARILIGHT PowerGrid® Accessories

PowerGrid lets you combine switches, dimmers, and other accessories on a single plate. Each installation uses three components: a faceplate, a grid frame, and your choice of modules.

If in doubt, consult a qualified electrician.

1. Disconnect the mains before beginning any electrical work.
2. Clip grid modules into the grid frame, with dimmers being inserted from the rear, switches and fuses from the front.
3. Make all electrical connections, ensuring any bare wires are covered with appropriate sleeving. See wiring diagrams overleaf.
4. Earth the grid plate using the earth terminal provided.
5. Screw the grid plate to the wall using the larger fixing screws supplied.
6. Attach the faceplate using the smaller fixing screws supplied.
7. Switch on the mains supply.

Grid Dimmer Maximum Loads

Plate Size	Per Plate	Per Row
Single (1–2 gang)	400W	400W
Twin (3–4 gang)	800W	800W
Double Twin (6–8 gang)	1200W	800W
Triple Twin (9–12 gang)	1800W	800W

VARILIGHT USB Charging Sockets

Our USB sockets combine standard 13A wiring connections with built-in USB charging ports, enabling simple installation. All products feature Smart Port technology, which automatically detects the connected device and optimises output for the fastest possible charging speed. **See socket installation instructions overleaf.**

USB Charging 13A Sockets

Product	Ports	Output
U2 / U2S	2 × USB-A	10.5W
UAC	1 × USB-A 1 × USB-C	20W, QC 3.0 / PD 3.0*
45W	2 × USB-C	45W, QC 3.0 / PD 3.0*

Dedicated USB Charging Plates

Product	Ports	Output
U4	4 × USB-A	24W
U6S	2 × USB-C	65W, QC 3.0 / PD 3.0*

*Power Delivery 3.0 on USB-C ports only.