

Plateswitches

Lighting Switch 1 Way, 2 Way, 3 Way, 4 Way

Standards and approvals

All Logic Plus plateswitches comply with BS EN 60669-1: 2000

Technical specification

Electrical

Voltage rating:
250V a.c. 50Hz

Current rating:
10 amps — no derating when used on fluorescent
or inductive loads

20 amps — no derating when used on fluorescent
or inductive loads

Terminal capacity:
All products except K4870/71/72
4 x 1mm²
4 x 1.5mm²
3 x 2.5mm²
2 x 4mm²
1 x 6mm²

For products K4870/71/72
4 x 1mm²
4 x 1.5mm²
2 x 2.5mm²
1 x 4mm²

Contact gap:
3mm switch contact gap

Physical

Operating temperature:
-5°C to +40°C

IP rating:
IP2XD

Max. installation altitude:
2000 metres

Operational testing (all plateswitches):
tested to 100,000 operations for mechanical life
tested to 40,000 operations at 10 amp rating
tested to 10,000 operations at 20 amp rating



Description

Logic Plus plateswitches are designed to blend in with the decor, whilst complementing a wide range of other Logic Plus accessories. They are designed for easy installation in plaster depth boxes and are suitable for controlling lighting circuits in domestic, commercial and industrial applications.

Neon locator

A textured, polycarbonate moulding allowing the glow of the neon to be seen at almost any angle. Designed to complement the Logic Plus 1, 2, or 3 gang plateswitches.

It is easy to install in existing locations. For 3 gang applications using a 25mm deep box simplifies wiring.



Features

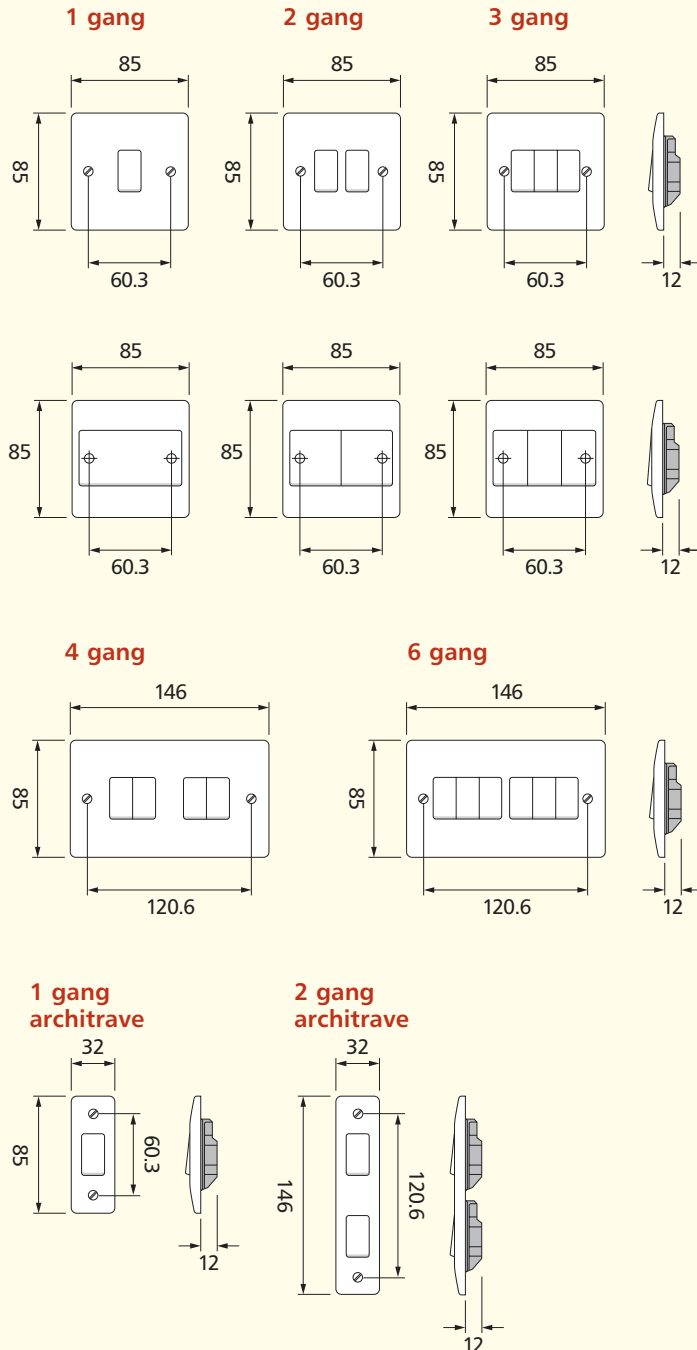
- Two way switches can be wired as one or two way
- All products clearly printed with BS Nos., ratings, etc
- Matching Grid switches available in 10 or 20A ratings
- 3mm switch contact gap
- Positive switch action
- Top access, backed out and captive terminal screws
- Neon locator available making switch easy to find in darkened rooms
- Selected plateswitches available in graphite finish to assist with Part M compliance

Cable Management

Logic Plus plateswitches can be mounted in a variety of MK trunking systems.

Plateswitches

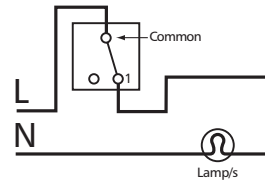
Dimensions (mm)



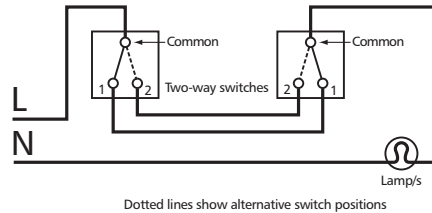
Sectional drawings show the furthest projections from the back of the frontplate (wall surface).

Wiring Diagrams

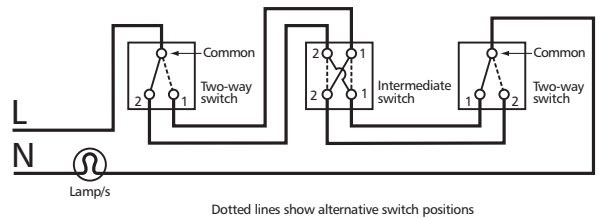
One-way switching



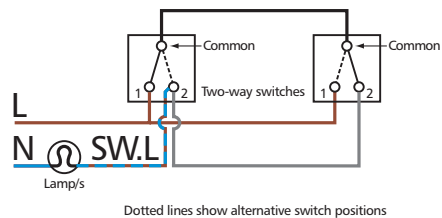
Two-way switching – 2 wire control



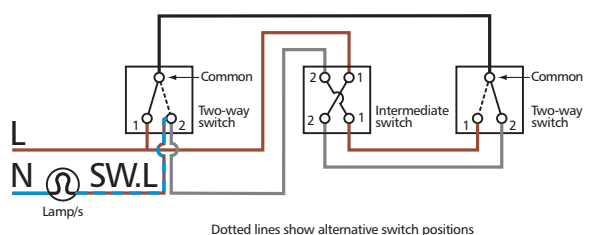
Two-way switching plus intermediate switching – 2 wire control



Two-way switching – 3 wire control



Two-way switching plus intermediate switching – 3 wire control



N.B. Terminal positions may alter. The above diagrams are to show wiring layout.