

## Plateswitches

### Standards and approvals

All MK 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 1mm<sup>2</sup>

4 x 1.5mm<sup>2</sup>

3 x 2.5mm<sup>2</sup>

2 x 4mm<sup>2</sup>

1 x 6mm<sup>2</sup>

For products K4870/71/72

4 x 1mm<sup>2</sup>

4 x 1.5mm<sup>2</sup>

2 x 2.5mm<sup>2</sup>

1 x 4mm<sup>2</sup>

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

MK plateswitches are designed to blend in with the decor, whilst complementing a wide range of other MK wiring devices. They are designed for easy installation in plasterdepth boxes and are suitable for controlling lighting circuits in domestic, commercial and industrial applications.

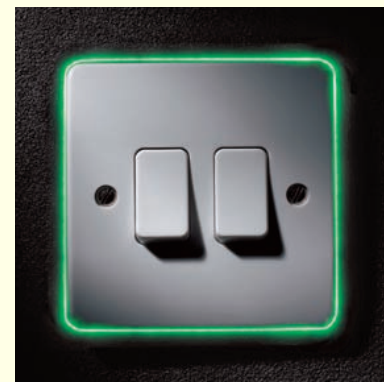
### Neon locator

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.

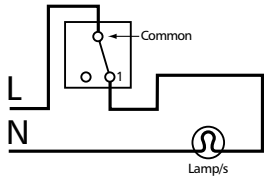
### Features

- 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 (except Logic Plus list numbers K4870, K4871 and K4872)
- Neon locator available making switch easy to find in darkened rooms

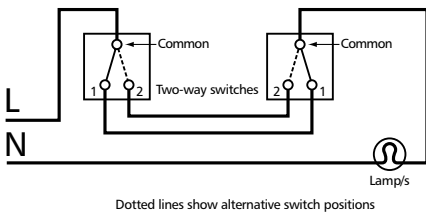


## Wiring Diagrams

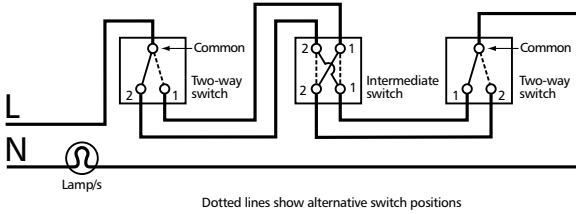
### One-way switching



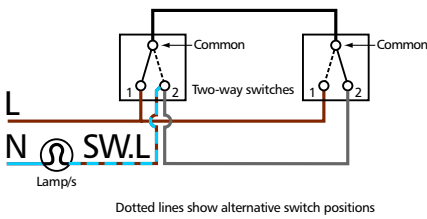
### Two-way switching – 2 wire control



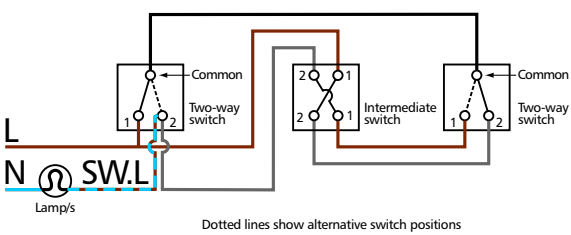
### Two-way switching plus intermediate switching – 2 wire control



### 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.