TECHNICAL DATA SHEET
Logic Plus
Plateswitches
1:3

MK

Logic Plus™ Plateswitches

PRODUCT RANGE

10A, 1 gang, single pole, 2 way, wide rocker plateswitch	K4781 WHI
10A, 2 gang, single pole, 2 way, wide rocker plateswitch	K4782 WHI
10A, 3 gang, single pole, 2 way, wide rocker plateswitch	K4783 WHI
10A, 1 gang, single pole, intermediate wide rocker plateswitch	K4785 WHI
10A, 1 gang, single pole, 1 way plateswitch	K4870 WHI
10A, 1 gang, single pole, 2 way plateswitch	K4871 WHI
10A, 2 gang, single pole, 2 way plateswitch	K4872 WHI
10A, 3 gang, single pole, 2 way plateswitch	K4873 WHI
10A, 4 gang, single pole, 2 way plateswitch	K4874 WHI
10A, 1 gang, intermediate, plateswitch	K4875 WHI
10A, 1 gang, double pole, 1 way plateswitch	K4876 WHI
10A, 1 gang, single pole, plateswitch bell symbol	K4878 B WHI
10A, 1 gang, single pole, push switch 'press' legend	K4878 P WHI
10A, 6 gang, single pole, 2 way plateswitch	K4879 WHI
10A, 1 gang, single pole, 2 way architrave switch	K4841 WHI
10A, 2 gang, single pole, 2 way architrave switch	K4842 WHI
10A, 1 gang, single pole, architrave bell symbol	K4848 B WHI
10A, 1 gang, single pole, architrave 'press' legend	K4848 P WHI
Neon locator	K3041

PRODUCT RANGE

20A, 1 gang, single pole, 1 way, plateswitch	K4870 D2 WHI
20A, 1 gang, single pole, 2 way, plateswitch	K4871 D2 WHI
20A, 2 gang, single pole, 2 way, plateswitch	K4872 D2 WHI
20A, 3 gang, single pole, 2 way, plateswitch	K4873 D2 WHI
20A, 4 gang, single pole, 2 way, plateswitch	K4874 D2 WHI
20A, 1 gang, intermediate, plateswitch	K4875 D2 WHI
20A, 1 gang, double pole, 1 way, plateswitch	K4867 WHI
20A, 2 gang, double pole, 1 way, plateswitch	K4868 WHI
20A, 1 gang, single pole, 2 way, wide rocker plateswitch	K4781 D2 WHI
20A, 2 gang, single pole, 2 way, wide rocker plateswitch	K4782 D2 WHI
20A, 3 gang, single pole, 2 way, wide rocker plateswitch	K4783 D2 WHI
20A, 1 gang, single pole, intermediate, 2 way, wide rocker plateswitch	K4785 D2 WHI
20A, dual switch	K5208 WHI
20A, dual switch with neon	K5207 WHI

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 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 contact gap
- Positive switch action
- Top access, backed out and captive terminal screws
- Neon locator available making switch easy to find in darkened rooms

LOGiC™ PLUS

Logic Plus

Plateswitches

2:3

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 –
4 x 1mm²
4 x 1.5mm²
3 x 2.5mm²
2 x 4mm²
1 x 6mm²

Contact gap:
3mm nominal

Physical

Operating temperature:
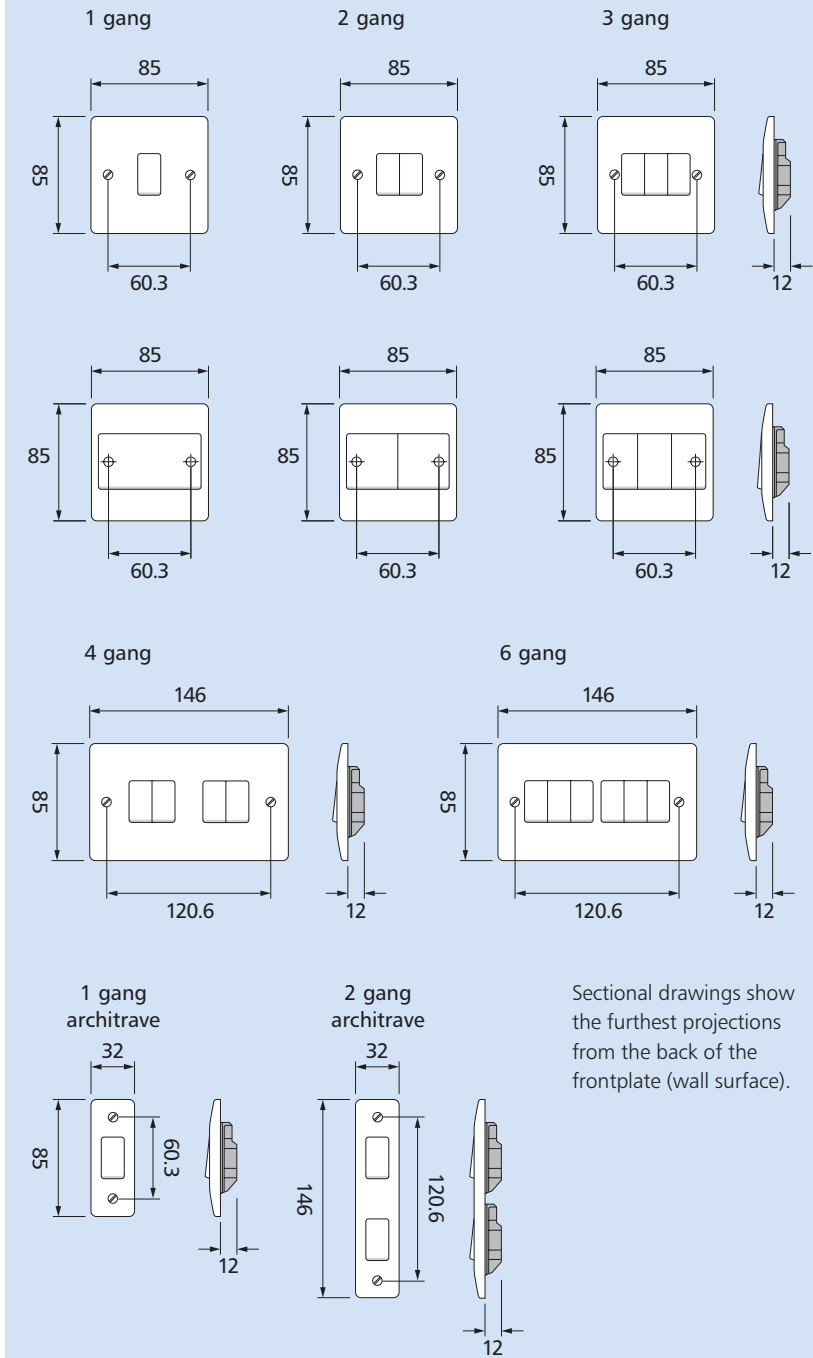−5°C to +40°C)

IP rating:
IP4X

Max. installation altitude:
2000 metres

Operational testing (all plateswitches):
tested to 100,000 operations for mechanical life
tested to 30,000 operations at 10 amp rating
tested to 10,000 operations at 20 amp rating

Standards and approvals

All Logic Plus plateswitches comply with
BS 3676: Part 1, 1989.

Neon locator, BS 5733: 1995.

Dimensions (mm)

1 gang

2 gang

3 gang

85 / 85 / 60.3 / 12

4 gang

146 / 85 / 120.6 / 12

6 gang

146 / 85 / 120.6 / 12

1 gang architrave
32 / 85 / 60.3 / 12

2 gang architrave
32 / 146 / 120.6 / 12

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

Box types

	Flush	Surface
All 1, 2 and 3 gang switches	3995 ZIC	K2160 WHI
4 and 6 gang switches	862 ZIC	K2161 WHI
1 gang architrave switch	3921 ZIC	K2151 WHI
2 gang architrave switch	3922 ZIC	K2152 WHI

Cable Management

Logic Plus plateswitches can be mounted in a variety of MK trunking systems.
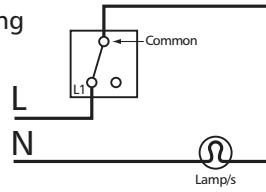
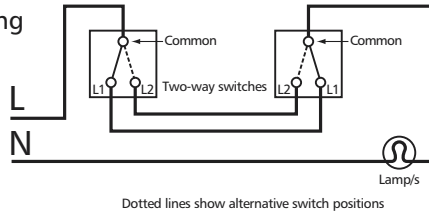See MK catalogue for further details.

Wiring Diagrams

One-way switching

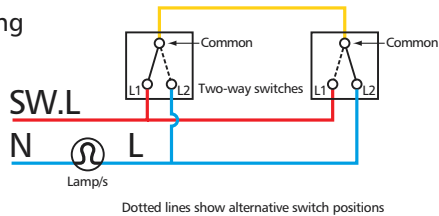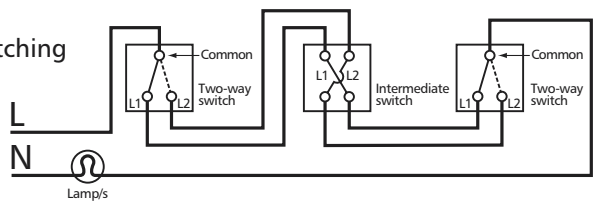### Two-way switching

Dotted lines show alternative switch positions
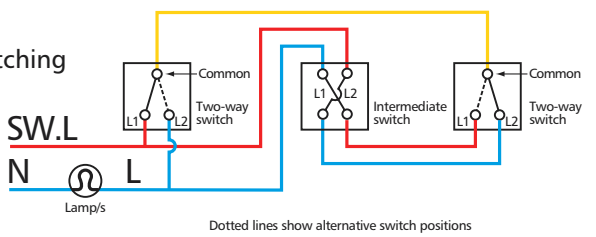
Two-way switching 3 wire control

Dotted lines show alternative switch positions

Two-way plus intermediate switching

Dotted lines show alternative switch positions

Two-way plus intermediate switching 3 wire control

Dotted lines show alternative switch positions