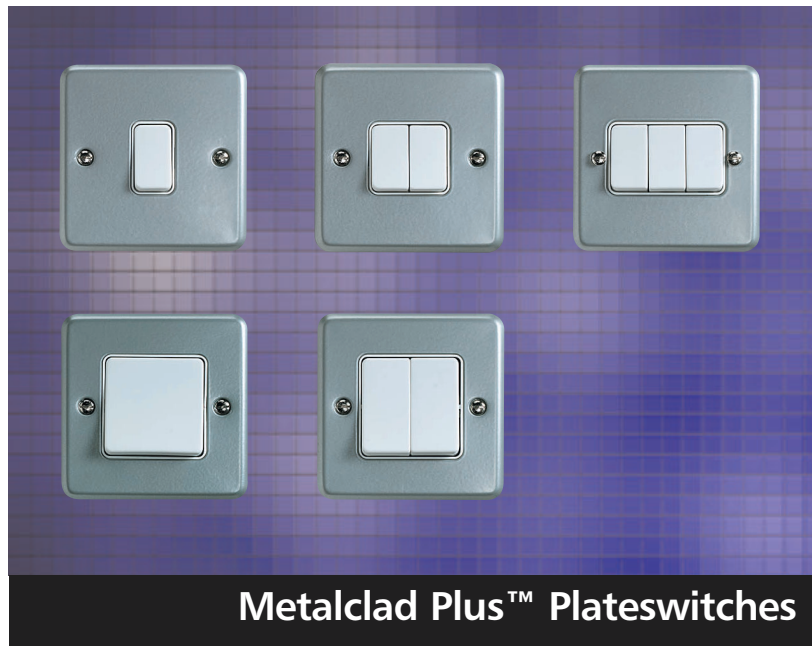


**Metalclad Plus  
Plateswitches**

1:3



**Metalclad Plus™ Plateswitches**

PRODUCT RANGE	
10A, 1 gang, single pole, 2 way, plateswitch	K3591 ALM
10A, 2 gang, single pole, 2 way, plateswitch	K3592 ALM
10A, 3 gang, single pole, 2 way, plateswitch	K3593 ALM
10A, 1 gang, single pole, 2 way, wide rocker plateswitch	K3781 ALM
10A, 2 gang, single pole, 2 way, wide rocker plateswitch	K3782 ALM

**Description**

A comprehensive range of tough, impact resistant, surface mounted plateswitches. They have been designed to suit a wide variety of applications in factories, workshops, plant rooms, warehouses, schools and hospitals.

The frontplate has smooth chamfered edges engineered to fit flush with the backbox.

Backboxes with or without side knockouts are available and all have a central knockout in the base.

Wide rocker switches are also available.

**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
- Metalclad Plus is supplied with white inserts only
- An earth terminal is provided attached to rear of product and in base of mounting box
- 1 & 2 gang wide rocker versions

**Metalclad 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

Terminal capacity:

- All products –
- 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>

Contact gap:  
3mm nominal

**Physical**

Operating temperature:  
-5°C to +40°C

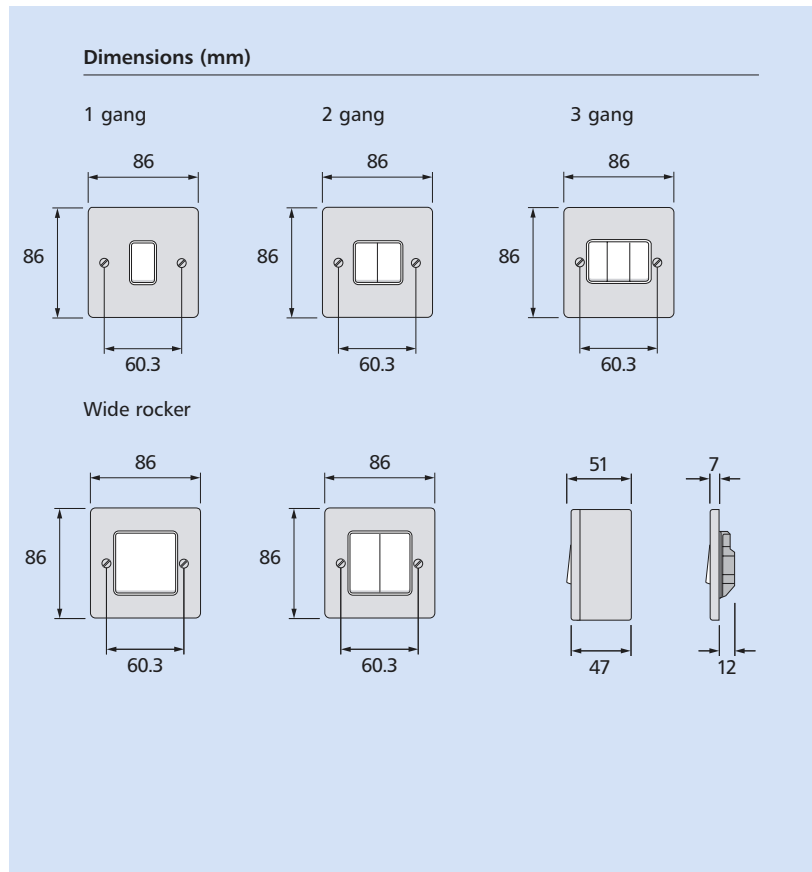
IP rating:  
IP4X

Max. installation altitude:  
2000 metres

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

**Standards and approvals**

All Metalclad Plus plateswitches comply with BS 3676:  
Part 1, 1989 and with CENELEC PREN 60669-1.



**Box types**

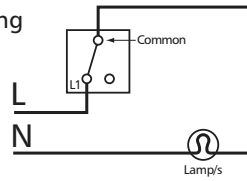
	Flush	Surface
All 1, 2 and 3 gang switches	3995 ZIC	K2160 WHI

All these products are designed primarily for surface mounting and are supplied complete with mounting box. If flush mounting is required then recommended box is 3995 ZIC 16mm deep.

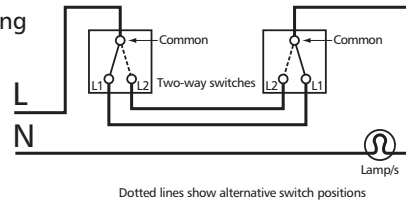


**Wiring Diagrams**

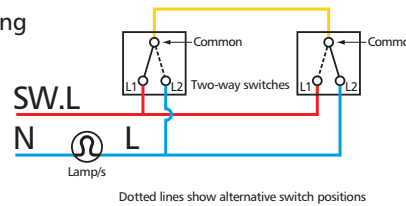
**One-way switching**



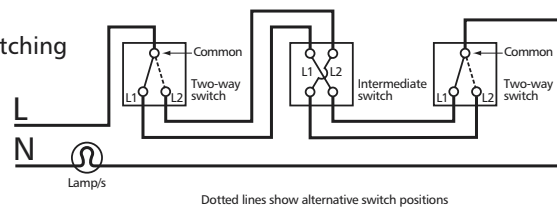
**Two-way switching**



**Two-way switching  
3 wire control**



**Two-way plus  
intermediate switching**



**Two-way plus  
intermediate switching  
3 wire control**

