



Metalclad Plus Plateswitches



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.

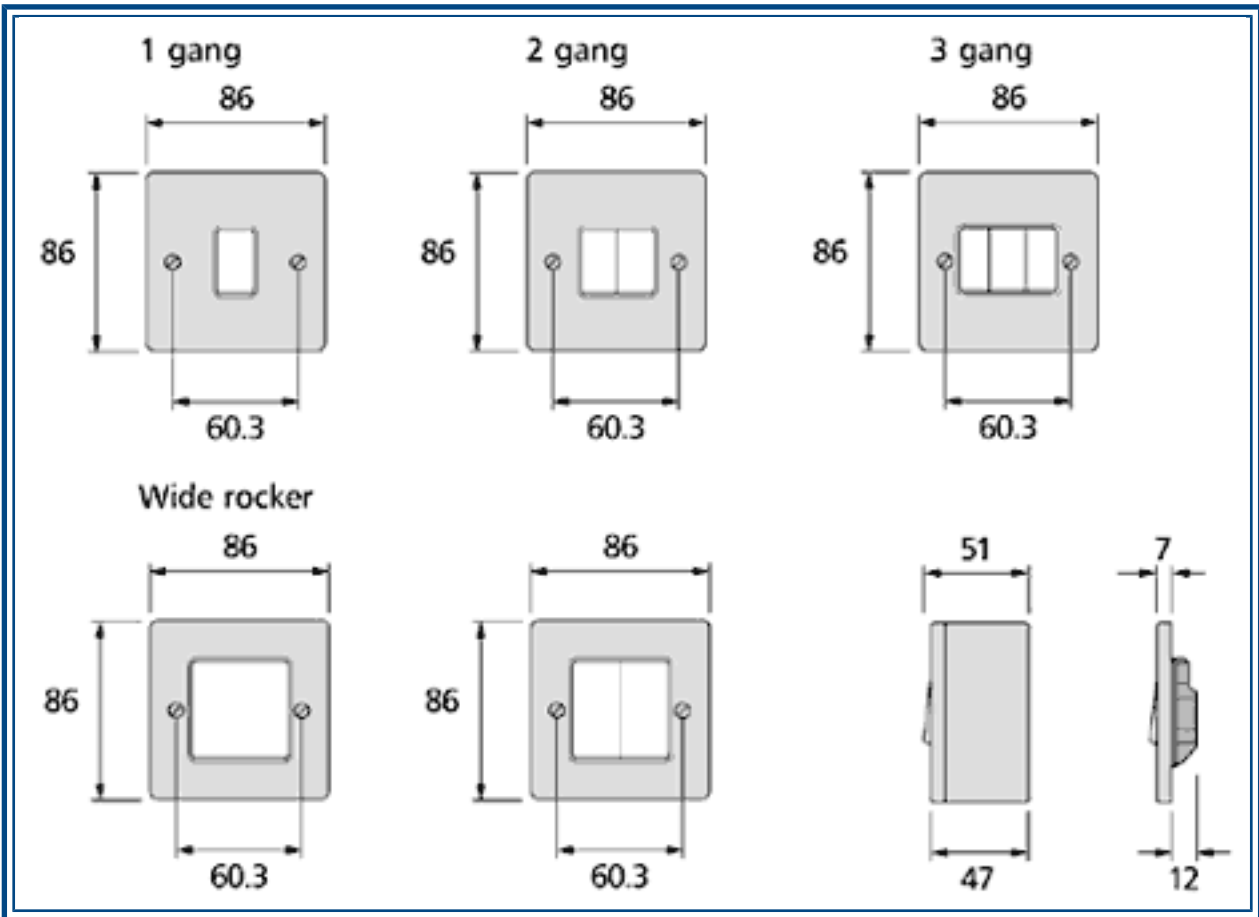
Wide rocker switches are also available.

- 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

Standards and approvals

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

Dimensions (mm)



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

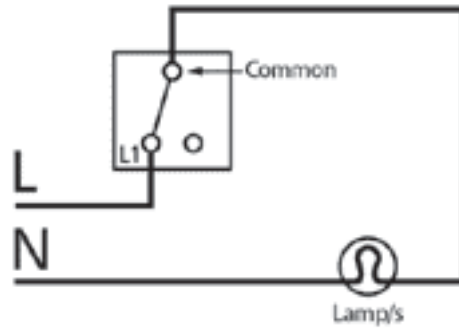
All these products are designed primarily for surface mounting and are supplied complete with mounting box. If flush mounting is required then recommended box is 3995 ZIC 16mm deep.

Technical Specifications

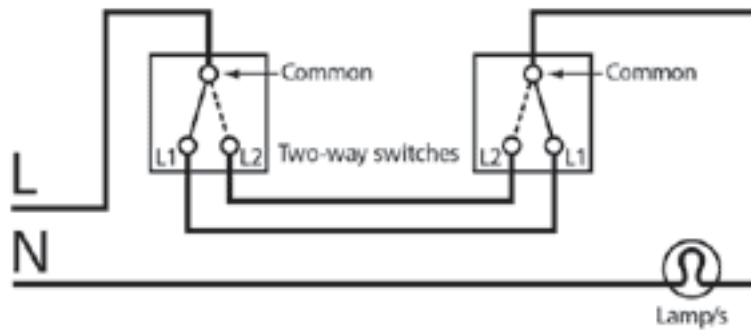
Electrical	
Current Rating	10A -no derating when used on fluorescent or inductive loads
Voltage Range	250V a.c 50Hz
Contact Gap	3mm nominal
Terminal Capacity	4 x 1mm ² 4 x 1.5mm ² 3 x 2.5mm ² 2 x 4mm ² 1 x 6mm ²
Physical	
Operating Temperature	-5°C to +40°C (not to exceed an average of more than 25°C in any 24 hour period)
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

Wiring Diagrams

One Way switching

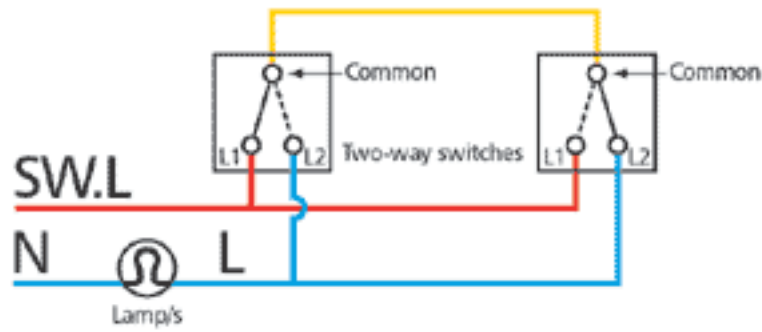


Two Way switching



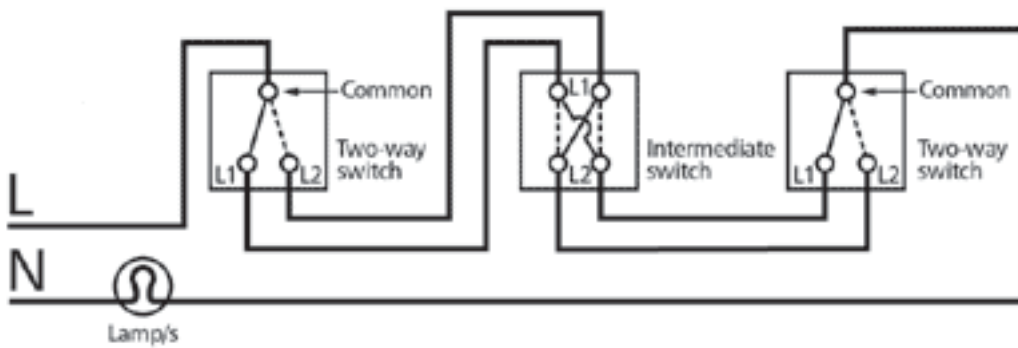
Dotted lines show alternative switch positions

Two Way switching - 3 Wire Control



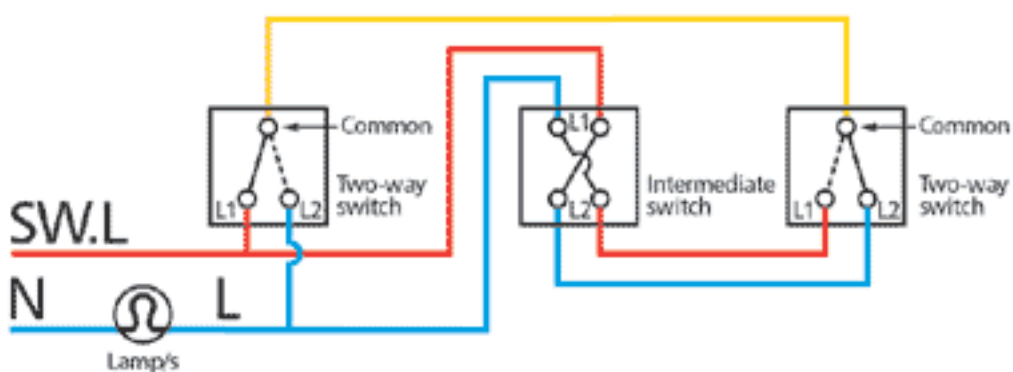
Dotted lines show alternative switch positions

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