



# TECHNICAL INFORMATION

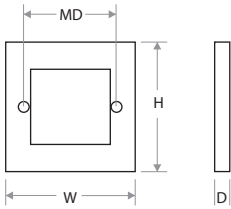
---

## **SWITCH & SOCKET**

- SWITCHES DIMENSION
- SOCKET COMPATIBILITY
- WIRING & MECHANISM

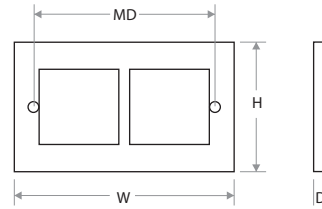
## One Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B10	87	87	10	60.3	CF
B20	80	80	7	60.3	BS
B30	87	87	12	60.3	BS
B80	82	82	9	60.3	BS
B100	86	86	6	60.3	BS
B200	87	87	12	60.3	BS
B200L	87	87	12	60.3	BS
B300	87	87	12	60.3	BS
B400	87	87	6	60.3	BS/CF*
B600	86	86	3	60.3	BS



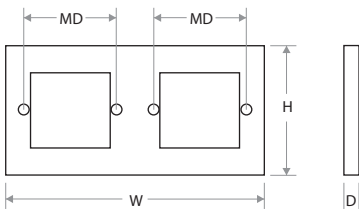
## Twin Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B10	-	-	-	-	-
B20	140	80	7	120.6	BS
B30	147	87	12	120.6	BS
B80	-	-	-	-	-
B1000	146	86	6	120.6	BS
B2000	147	87	12	120.6	BS
B2000L	147	87	12	120.6	BS
B3000	147	87	12	120.6	BS
B4000	-	-	-	-	-
B6000	145	86	3	120.6	BS



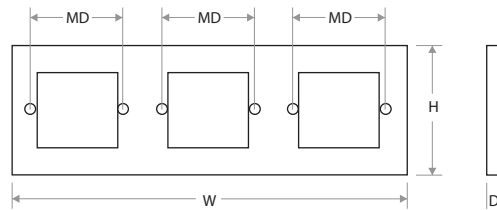
## Two Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B80	153	82	9	60.3	BS
B100	174	86	6	60.3	BS
B200	173	87	12	60.3	BS
B200L	173	87	12	60.3	BS
B400	157	87	6	60.3	BS/CF*



## Three Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B80	224	82	9	60.3	BS
B1000	260	86	6	60.3	BS
B2000	261	87	12	60.3	BS
B2000L	261	87	12	60.3	BS
B4000	230	87	6	60.3	BS/CF*

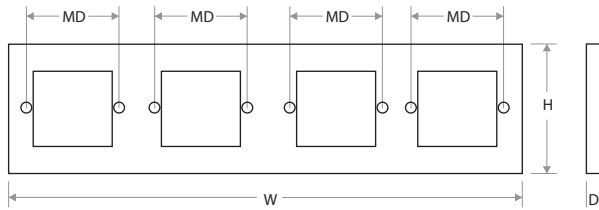


CF : Claw Fixing ( Germany standard )  
 BS : Screw Mounting ( British Standard )

\* 1G, 2G, Intermediate switch & schuko have both clawfixing and screw mounting. The rest use screw mounting only.

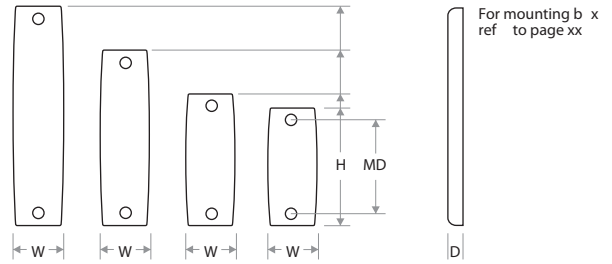
### Four Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B1000	346	86	6	60.3	BS
B2000	-	-	-	-	-
B2000L	347	87	12	60.3	BS
B4000	300	87	6	60.3	BS/CF*



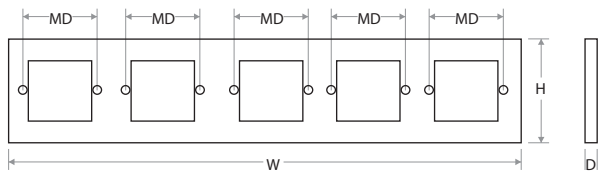
### Architrave switch

B 0 SERIES	W	H	D	MD
B70/1	30	75	24	5
B70/2	30	84	24	70
B70/3	30	112	24	96
B70/4	30	24	124	



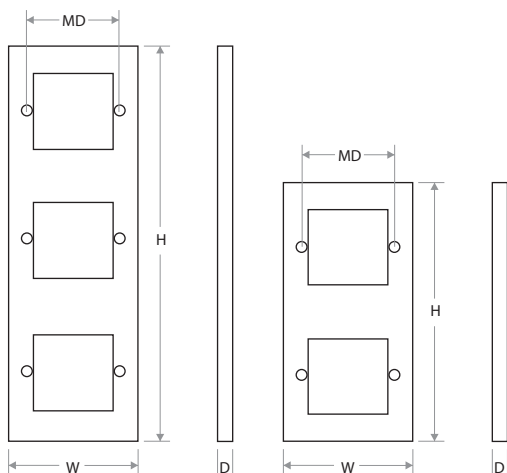
### Five Gang switch

SERIES	W	H	D	MD	MOUNTING TYPE
B4000	370	87	6	60.3	BS/CF



### Vertical switch

B1000 SERIES	W	H	D	MD	MOUNTING TYPE
Double	86	174	6	60.3	BS
Triple	86	260	6	60.3	BS

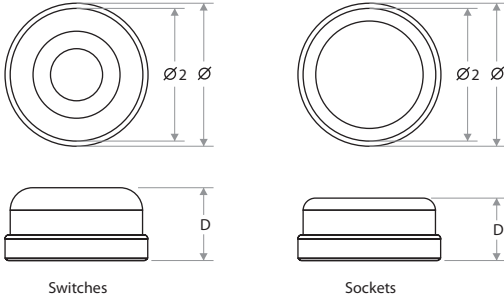


CF : Claw Fixing ( Germany standa d )  
 BS : Screw Mounting ( British Standard )

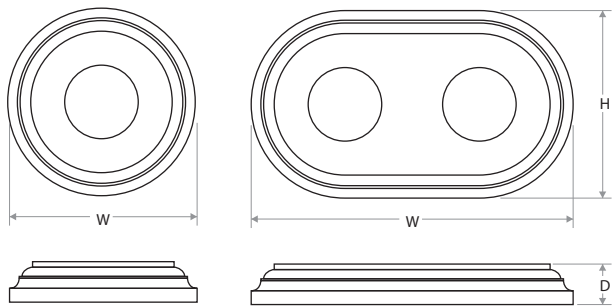
\* 1G, 2G, Intermediate switch & schuko have b th clawfixing and screw mounting. The rest use screw mounting only.

## Vintage

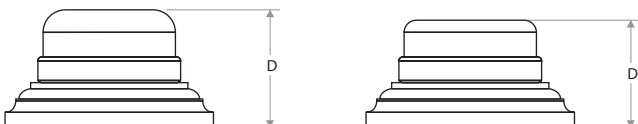
TYPE	Ø	Ø 2	D
Switches	70	65	35.5
Power Outlet	70	65	30.5



ROUND WOOD BASE	W	H	D
Single	105	105	2
Twin	176	105	2

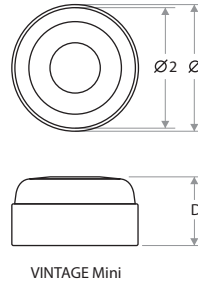


TOTAL DEPTH	D
Switches	57.5
Sockets	52.5

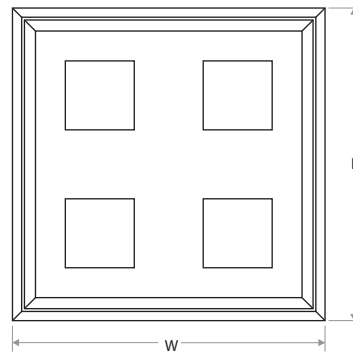
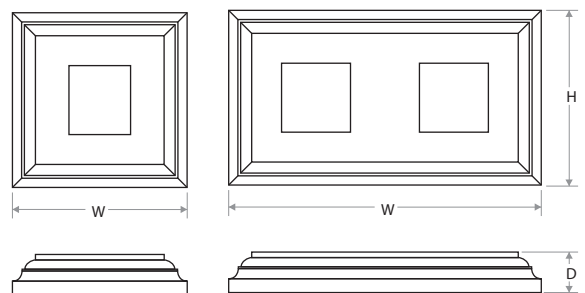


## Vintage Mini

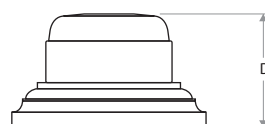
TYPE	Ø	Ø 2	D
Whole range	62	59	34



SQUARE WOOD BASE	W	H	D
Single	105	105	22
Twin	176	105	22
Quadruple	176	176	22



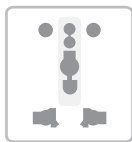
TOTAL DEPTH	D
Whole range	55.8



# Socket Type & Compatibility

Compatibility tables of BOSS International, Universal socket and Universal Adapter Schuko Plug.

TYPE	INTERNATIONAL SOCKET	UNIVERSAL SOCKET	UNIVERSAL ADAPTER SCHUKO PLUG
A	●	●	●
B	●	●	●
C	●	●	●
D	●	●	
E	●	●	●
F	●	●	●
G	●	●	●
H			
I	●	●	
J			
K	●	●	●
L	●		
M			
N	●		
O			



INTERNATIONAL SOCKET



UNIVERSAL SOCKET

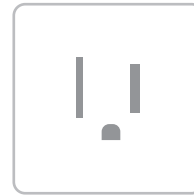


UNIVERSAL ADAPTER SCHUKO PLUG

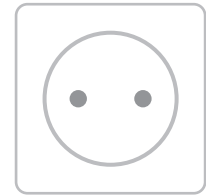
SERIES	INTERNATIONAL SOCKET	UNIVERSAL SOCKET
B4000		●
B3000	●	●
B2000		●
B2000L		●
B1000		●
B80		●
B30		●
B20		●
B10		



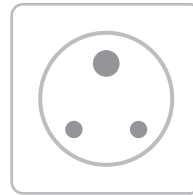
**A** mainly used in the USA, Canada, Mexico & Japan  
2 pins, not grounded,  
15 A, almost always 100 – 127 V  
socket compatible with plug type A



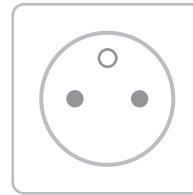
**B** mainly used in the USA, Canada, Mexico & Japan  
3 pins, grounded  
15 A, almost always 100 – 127 V  
socket compatible with plug types A & B



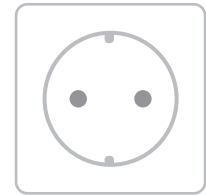
**C** commonly used in Europe, South America & Asia  
2 pins, not grounded  
2.5 A, almost always 220 – 240 V  
socket compatible with plug type C



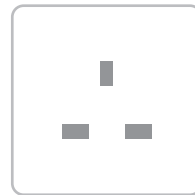
**D** mainly used in India  
3 pins, grounded  
5 A, 220 – 240 V  
socket compatible with plug type D (partial and unsafe compatibility with C, E & F)



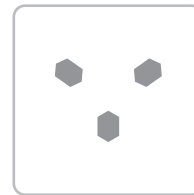
**E** primarily used in France, Belgium, Poland, Slovakia & Czechia  
2 pins, grounded  
16 A, 220 – 240 V  
socket compatible with plug types C, E & F



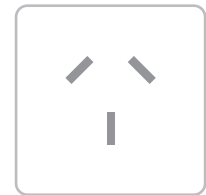
**F** used almost everywhere in Europe & Russia, except for the UK & Ireland  
2 pins, grounded, 16 A, 220 – 240 V  
socket compatible with plug types C, E & F



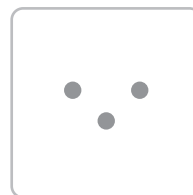
**G** mainly used in the United Kingdom, Ireland, Malta, Malaysia & Singapore  
3 pins, grounded  
13 A, 220 – 240 V  
socket compatible with plug type G



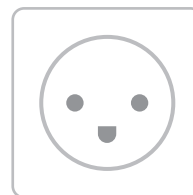
**H** used exclusively in Israel, the West Bank & the Gaza Strip  
3 pins, grounded  
16 A, 220 – 240 V  
socket compatible with plug types C & H (unsafe compatibility with E & F)



**I** mainly used in Australia, New Zealand, China & Argentina  
2 or 3 pins, 2 pins: not grounded / 3 pins: grounded  
10 A, 220 – 240 V  
socket compatible with plug type I



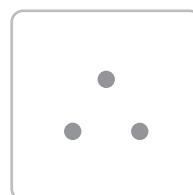
**J** used almost exclusively in Switzerland, Liechtenstein & Rwanda  
3 pins, grounded  
10 A, 220 – 240 V  
socket compatible with plug types C & J



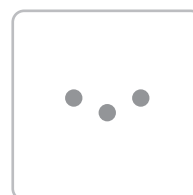
**K** used almost exclusively in Denmark & Greenland  
3 pins, grounded  
16 A, 220 – 240 V  
socket compatible with plug types C & K (unsafe compatibility with E & F)



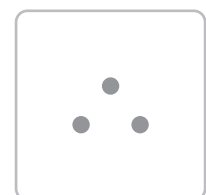
**L** used almost exclusively in Italy & Chile  
3 pins, grounded  
10 A & 16 A, 220 – 240 V  
10 A socket compatible with plug types C & L (10 A version) / 16 A socket compatible with plug type L (16 A version)



**M** mainly used in South Africa  
3 pins, grounded  
15 A, 220 – 240 V  
socket compatible with plug type M



**N** used almost exclusively in Brazil  
3 pins, grounded  
10 A & 20 A,  
100 – 240 V, socket compatible with plug types C & N

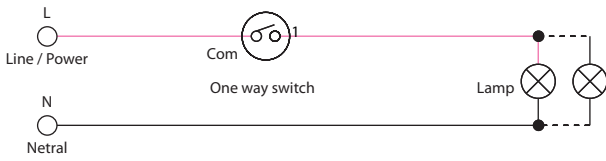


**O** used exclusively in Thailand  
3 pins, grounded  
16 A, 220 – 240 V  
socket compatible with plug types C & O (unsafe compatibility with E & F)

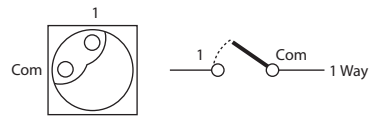
Source: <https://www.worldstandards.eu/electricity/plugs-and-sockets/>

## B20 / B30 / B2000

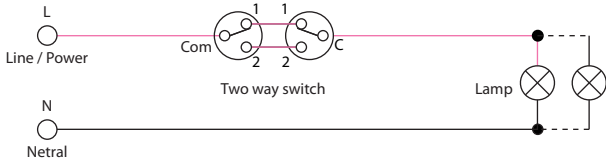
One Way Wiring Diagram



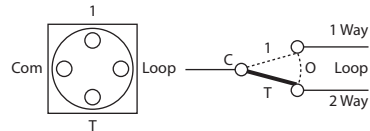
One Way Mechanism



Two Way Wiring Diagram

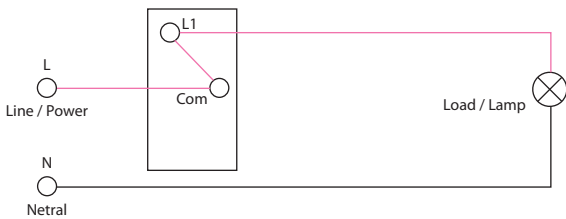


Two Way Mechanism

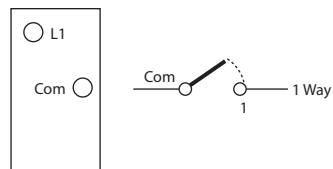


## B1000

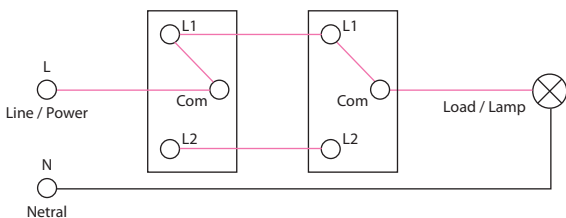
One Way Wiring Diagram



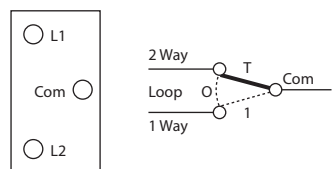
One Way Mechanism



Two Way Wiring Diagram

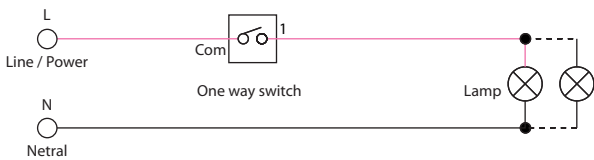


Two Way Mechanism

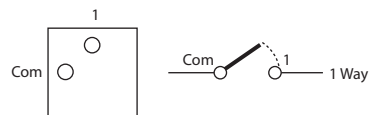


## B2000L

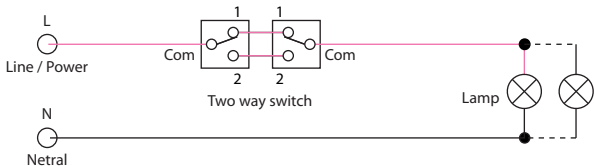
One Way Wiring Diagram



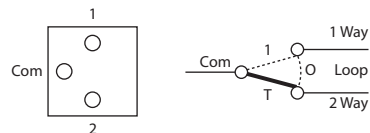
One Way Mechanism



Two Way Wiring Diagram

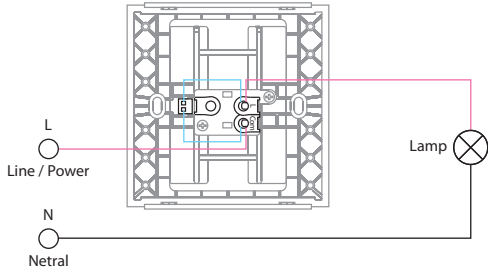


Two Way Mechanism

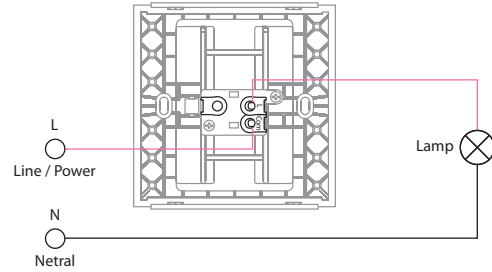


## B300

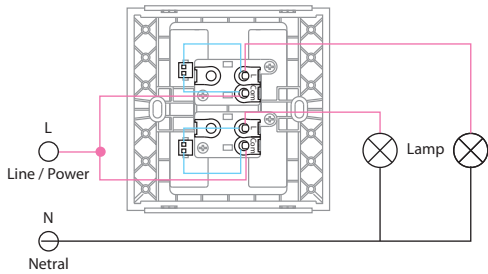
1 Gang LED Indicator  
B3031H1EBGS / B3031H1 EBWW



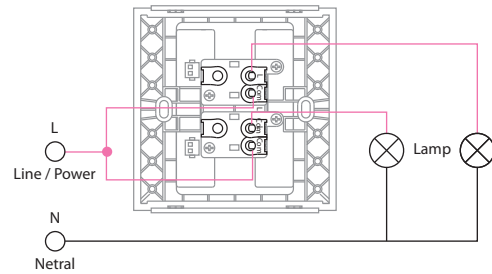
1 Gang Fluorescent Indicator  
B3031H1FGGS / B3031H1 FGWW



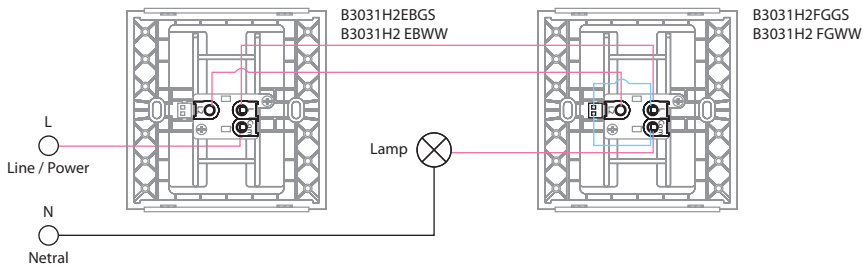
2 Gang LED Indicator  
B3032H1EBGS / B3032H1 EBWW



2 Gang Fluorescent Indicator  
B3032H1FGGS / B3032H1 FGWW

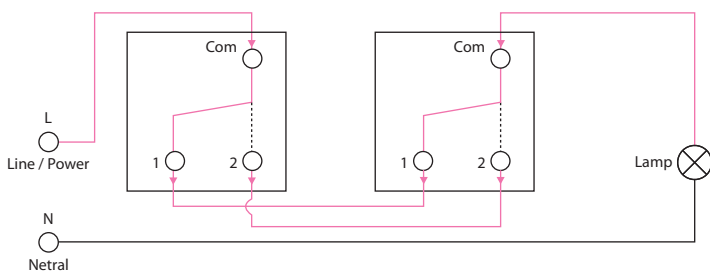


2 Way Switch



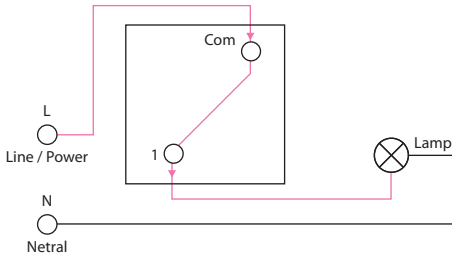
## B600

2 Way Switch

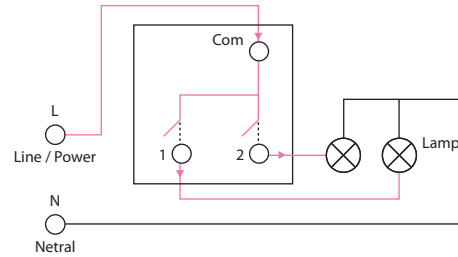


# B4000

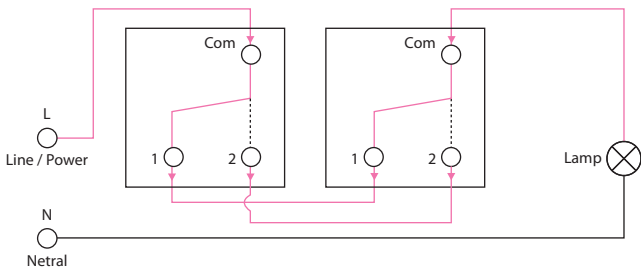
1 Gang 1 Way Switch



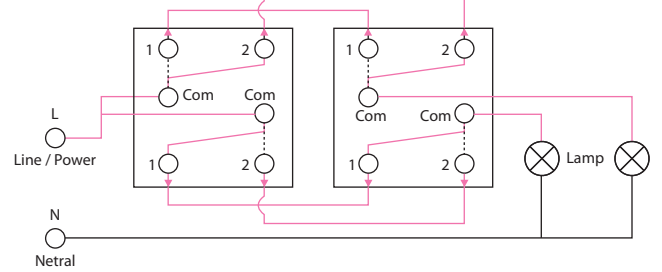
2 Gang 1 Way Switch



1 Gang 2 Way Switch

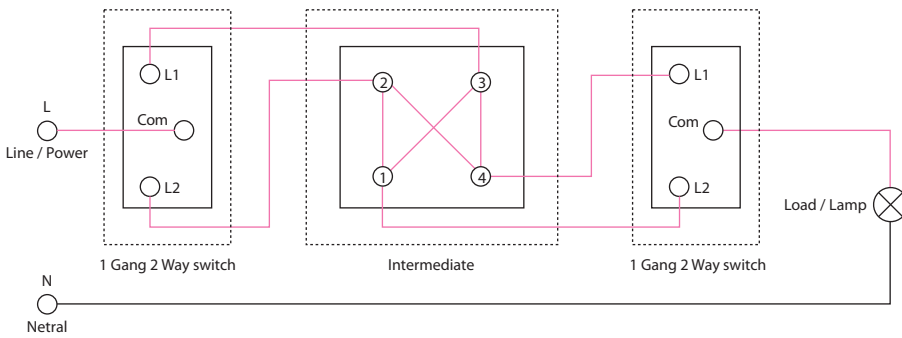


2 Gang 2 Way Switch

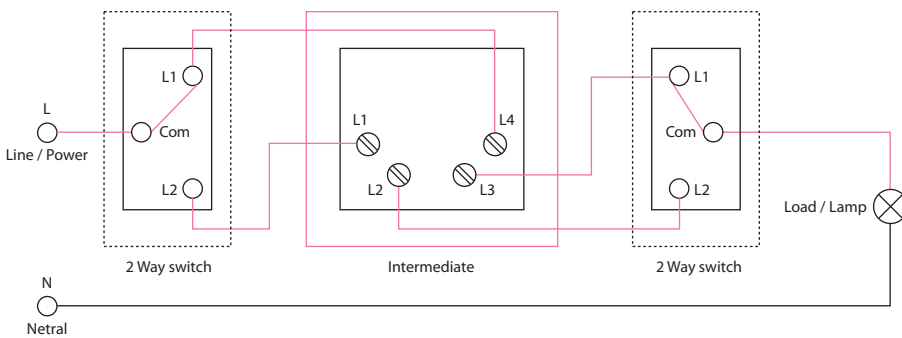


# Intermediate Wiring Diagram

B1000



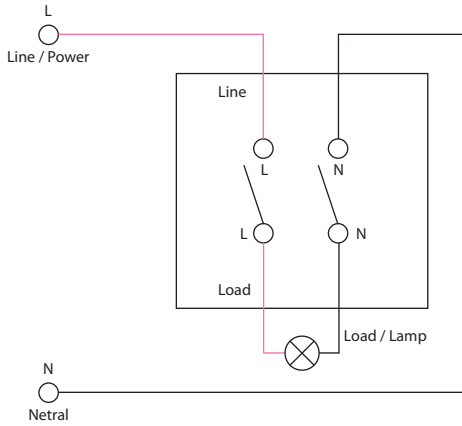
B2000



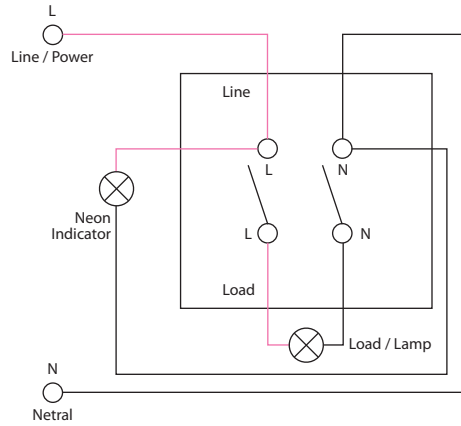


## Double Pole

Without Neon Indicator  
B20 / B30 / B2000 / B2000L



With Neon Indicator  
B20 / B30 / B2000 / B2000L



## Dimmer & Fan Control

B20 / B30 / B1000 / B2000 / B2000L / B3000 / B4000

