



## ***Plate Switches (Modular)***



The smooth modern lines of the Polar accessory plate will fit easily into traditional and contemporary designs alike.

Polar switches are developed largely as a modular range based on the large selection of switch modules available in the CLICK MINIGRID Module range. Simple, single screw fixing of modules offers the simplest possible means of installing and replacing modules.

## 10AX Plate Switches (Modular)

### Product Range

#### 10AX Plate Switches (Modular)

<b>PRW010</b>	10AX 1 Gang 1 Way Plate Switch
<b>PRW011</b>	10AX 1 Gang 2 Way Plate Switch
<b>PRW012</b>	10AX 2 Gang 2 Way Plate Switch
<b>PRW013</b>	10AX 3 Gang 2 Way Plate Switch
<b>PRW015</b>	10AX 1 Gang 2 Way 'Paddle' Switch
<b>PRW019</b>	10AX 4 Gang 2 Way Plate Switch
<b>PRW025</b>	10AX Intermediate Switch
<b>PRW105</b>	10AX 6 Gang 2 Way Plate Switch

#### 10AX Architrave Switches (Modular)

<b>PRW171</b>	10AX 1 Gang 2 Way Architrave Switch
<b>PRW172</b>	10AX 2 Gang 2 Way Architrave Switch



PRW010, PRW011, PRW025



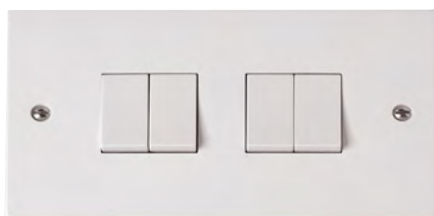
PRW012



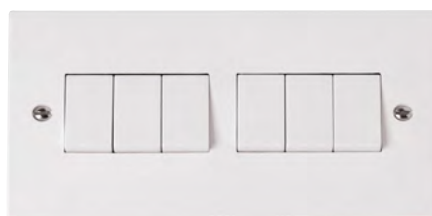
PRW013



PRW015



PRW019



PRW105



PRW171

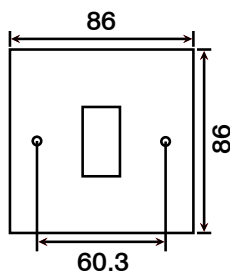


PRW172

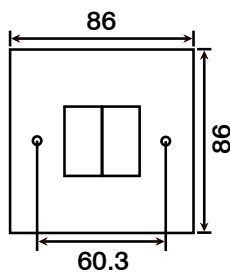
## 10AX Plate Switches (Modular)

### Product Dimensional Drawings (mm)

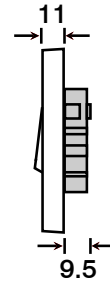
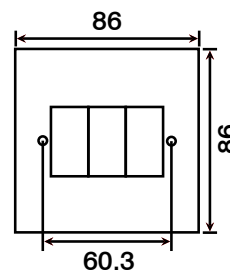
PRW010, 011, 025



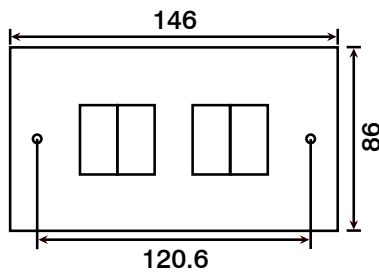
PRW012



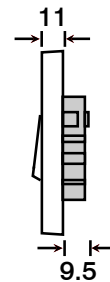
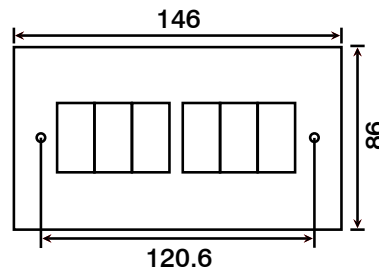
PRW013



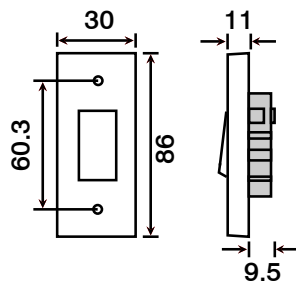
PRW019



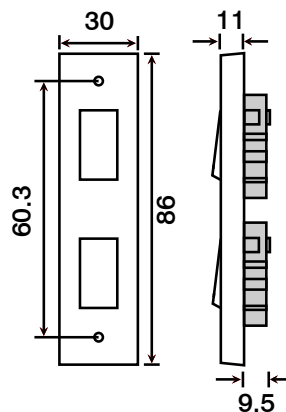
PRW105



PRW171



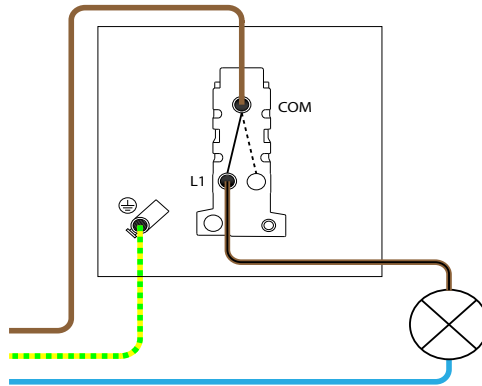
PRW172



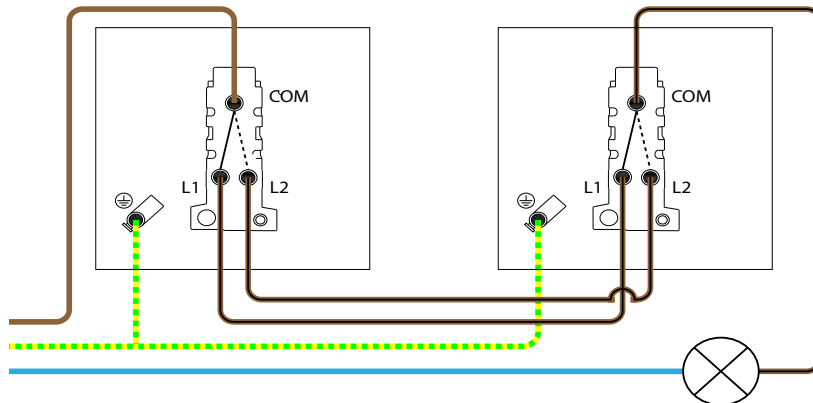
## 10AX Plate Switches (Modular)

### Wiring Diagrams

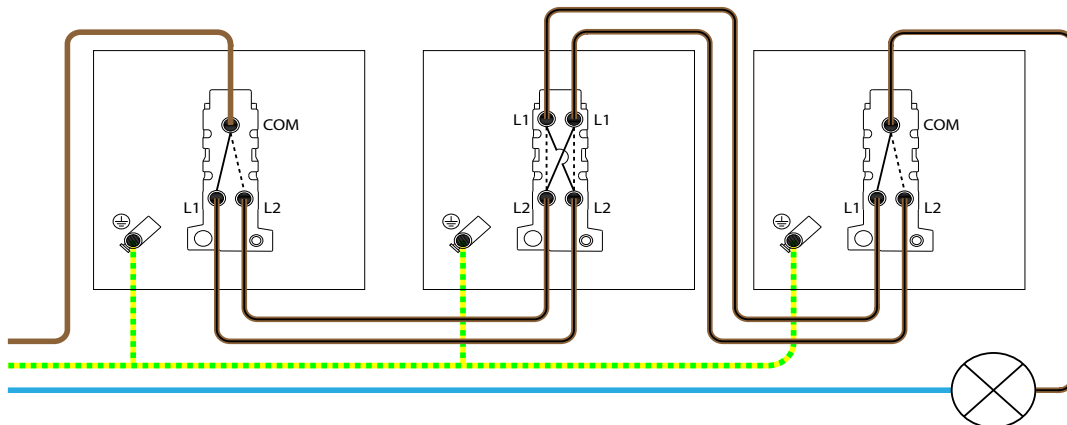
1 Way Switched Circuit



2 Way Switched Circuit



Intermediate Switched Circuit



## 10AX Plate Switches (Modular)

### Technical Specification

#### 10AX Plate Switches (Modular)

<b>Material Composition</b>	Front Plate & Rocker Switch: Urea
	Rear Housing: Nylon
	Terminals: Brass, Terminal Screws: Steel & Yellow Passivated
	Internal Mechanism: Formed Press Brass
	Silver “on-lay” Copper / Brass Contacts
<b>Voltage</b>	240V~ 50Hz
<b>Current Rating</b>	10AX (suitable for inductive loads)
<b>Terminal Size</b>	3.5mm ø
<b>Torque Value</b>	0.4Nm
<b>Cable Size</b>	4 x 1.5mm <sup>2</sup> or 2 x 2.5mm <sup>2</sup>
<b>Back Box Depth</b>	16mm - 47mm
<b>Modular</b>	Yes
<b>Warranty</b>	20 Years
<b>Anti Microbial Certified</b>	Yes
<b>IP Rating</b>	IP20
<b>Operational Temperature</b>	-5° to +40°C
<b>Standards</b>	The Low Voltage Directive 2006/95/EC
	BS EN 60669-1:1999 + A1:2002 + A2:2008
	Modified ISO 22196

### Additional Information

Ensure that the mains supply is isolated before commencing installation and refer to the circuit diagram with the relevant product.

Bare earth cables must always be covered with appropriate sleeving and wired to the earth terminal.

All white moulded accessories are manufactured using Urea Formaldehyde, which has similar inherent properties to antimicrobial additives that inhibit the growth of infectious diseases. All products were independently tested and achieved a 99.9% kill rate across all four types of the strains of bacteria - MRSA, E-Coli, Salmonella, and Klebsiella Pneumoniae.

Interchangeable with switches in the MINIGRID system



Errors & Omissions excluded. Specification is subject to change without notice.

V1.0

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## DECLARATION OF CONFORMITY

1. *Issuer Name* Scolmore International Limited
2. *Issuer Address* 1 Scolmore Park, Landsberg,  
Lichfield Road Industrial Estate,  
Tamworth, Staffordshire, B79 7XB
3. *Object(s) of Declaration* Polar Range
- a. *Group* Switches
- b. *Model No.* PRW010, PRW011, PRW012, PRW013, PRW019, PRW105, PRW015,  
PRW025, PRW171, PRW172

4. *The object of the declaration described above is in conformity with the requirements of the following Legislations:*

Document No	Title
2006/95/EC	Low Voltage Directive

5. *All products contained within the aforementioned comply with the relevant standards and requirements listed below.*

EN 60669-1:1999 + A1:2002 + A2:2008

6. *I hereby declare that the equipment named above has been designed to comply with the relevant sections of the above referenced specifications. The unit complies with all applicable Essential Requirements of the Directives.*

*In conjunction with the above all manufacture and process controls are in accordance with ISO 9001:2008*

Signed, for and on behalf of: Scolmore International Limited

Steven Bettson BSc - Senior Technical Support Engineer

**CE 13**