

## Switches – 2000 Series

The contemporary styling and flexibility of the 2000 Series have made it Clipsal's most popular range of switches and sockets - and the forerunner to other Clipsal switch ranges. The feature that sets the 2000 Series apart from any other range is its unique grid assembly and surround which come in a comprehensive range of colours that can be mixed and matched to complement any décor in homes or commercial premises. The universal surrounds suit all 2000 series grid assemblies and also hide all mounting screws. They can be easily removed when redecorating to disguise any overpainting or untidy trim marks from wallpaper.

### Light Switches shall:

- Comprise a heavy duty mechanism of rocker or push-button operation similar to the Clipsal 30, 30PB or 30PBL Series mechanisms
- Mounted in a two-piece, moulded, impact-resistant polycarbonate, gloss finish flush plate with a common clip-on surround similar to the Clipsal 2000 Series. The surround is interchangeable with all other 2000 Series products and the plate to have a 22mm diameter hole similar to the Clipsal 2031 Series
- Be manufactured in accordance with AS/NZS3100, AS/NZS3133 and other relevant Wiring Rules and Electrical Supply Authorities requirements
- Be ganged under a common flush plate where, multiple switches on the same circuit are located
- Be ganged under separate flush plates mounted adjacent where multiple switches on separate circuits are located
- Where more than six mechanisms are required at the one location; plates to be mounted within a multi ganged surround
- Utilise IP66 rated Clipsal 2000 Series switches to comply with IP ratings of AS 60529 where located externally to the building and/or in damp or dusty situations
- Be selected as per schedule of accessories and colour selected by client
- Be located clear of building planning modules and grid lines, so that future wall positions will not conflict with switch positions
- Be vertically or horizontally mounted as indicated
- Be flush mounted within a Clipsal 157 or 2157 Series wall box, having adjustable metal fixing lugs where located in masonry walls
- Be flush mounted within a Clipsal 155 or 2155 Series metal brackets fixed to a stud or noggin where located in stud partitions
- Be flush mounted within a Clipsal 154 or 2154 Series metal wall clip if unable to be fixed to a stud, noggin or masonry
- Ensure plates are engraved with circuit identification labelling or a clip-in two-piece, tamperproof circuit ID module similar to Clipsal 30PID, where required
- Ensure 30 Series mechanisms are secured to plates via Clipsal 31J screws to resist being pushed in
- Be of Clipsal architrave type where standard plates cannot be fitted
- Be of same type and manufacture as socket outlets
- Be fitted with a Clipsal 90F insulating shroud where located within metal door frames or metal mullions of demountable partitions

- Where fire ratings of walls are required, Clipsal 157/1F, 2157/2F, 2157/3F (for cavity walls) or F157/1 (for masonry walls) fire rated wall boxes are to be used and installed as per manufacturer's instructions. Wall boxes are to be tested to AS 1530.4 and AS 4072.1
- Where acoustic ratings are required for sound transmission, Clipsal 157/1F, 2157/2F, 2157/3F (for cavity walls) or F157/1 (for masonry walls) acoustic rated wall boxes are to be used and installed as per manufacturer's instructions. Wall boxes to be tested in accordance with AS1191, AS/NZS1276.1, AS1045, for sound transmission and achieve a rating of up to 50Rw or STC50 using Clipsal accessories and appropriate wall materials
- Ensure Fluorescent Luminaries are switched using mechanisms similar to Clipsal 30FLM, 30USM, 30PB or 30PBL suitable for Fluorescent loads
- Be fitted with manufacturer's snap-on paint shield (e.g. 2000PP Paint Protector) to provide protection during painting
- Ensure all vertical models can be converted to horizontal by removing mechanisms and turning them 90o before replacing.

#### **2000 Series Multi Gang Switches shall:**

- Be flush mounted within a Multigang metal wall box (2157 Series), Multigang bracket (2155P or 2155PH Series) or Multigang Plaster Clip (2154 Series)
- Be fitted with a 2000 Series Multigang clip-on surround
  - » 2000H2 shall accept two grid plates, mounted horizontally
  - » 2000H3 shall accept three grid plates, mounted horizontally
  - » 2000/2 shall accept two grid plates, mounted vertically
  - » 2000/3 shall accept three grid plates, mounted vertically
  - » 2000/4 shall accept four grid plates, mounted vertically
- Be arranged so that the grid plates are individually secured to the wall behind the clip-on Multigang surround
- Comply with marking or label requirements to indicate the purpose of each switch. This can be achieved by:
  - » Ensuring the flush plate or surround is engraved or securely labelled.
  - » Inserting 30PID tamperproof identification plug, and insert in grid plate's 30 Series aperture
  - » 2009 oval identification cap inserted under clip-on surround or
  - » 2009R round identification caps used in conjunction with:
    - 2000R - single surround with round ID hole
    - 2000R2 - single surround with two round ID holes
    - 2000/2R – two gang surround with two round ID holes
    - 2000/3R - three gang surround with three round ID holes.