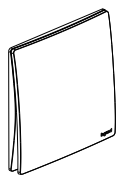
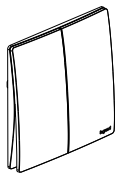


Mallia™ Senses 16AX Switches

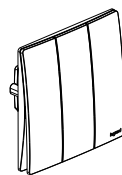
Cat. No(s): 2 810 00/01/02/03/04/05/06/07/08/09/10/11/12/13/14/15 XX yy
"XX" = Color / finishes: MW MB MG DS DB CH BA BB BC
"yy" = Country Suffix. MY = Malaysia; SG = Singapore



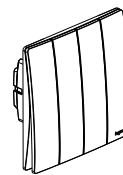
2 810 00/01/08 XX yy



2 810 02/03 XX yy



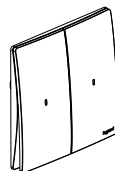
2 810 04/05 XX yy



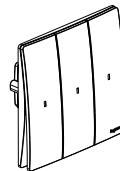
2 810 06/07 XX yy



2 810 09/10/11 XX yy



2 810 12/13 XX yy



2 810 14/15 XX yy

1. USE

General lighting control mechanisms with or without marking elements (indicator, light).
(Supplied with M3.5 screws for Flush mounting or surface mounting BS boxes.)

2. RANGE

Designation	Cat. No.
1G 1W 16AX SWITCH	2 810 00 XX yy
1G 2W 16AX SWITCH	2 810 01 XX yy
2G 1W 16AX SWITCH	2 810 02 XX yy
2G 2W 16AX SWITCH	2 810 03 XX yy
3G 1W 16AX SWITCH	2 810 04 XX yy
3G 2W 16AX SWITCH	2 810 05 XX yy
4G 1W 16AX SWITCH	2 810 06 XX yy
4G 2W 16AX SWITCH	2 810 07 XX yy
1G 16AX INTERMEDIATE SWITCH	2 810 08 XX yy
1G 16AX INTERMEDIATE ILLUMINATED SWITCH	2 810 09 XX yy
1G 1W 16AX ILLUMINATED SWITCH	2 810 10 XX yy
1G 2W 16AX ILLUMINATED SWITCH	2 810 11 XX yy
2G 1W 16AX ILLUMINATED SWITCH	2 810 12 XX yy
2G 2W 16AX ILLUMINATED SWITCH	2 810 13 XX yy
3G 1W 16AX ILLUMINATED SWITCH	2 810 14 XX yy
3G 2W 16AX ILLUMINATED SWITCH	2 810 15 XX yy

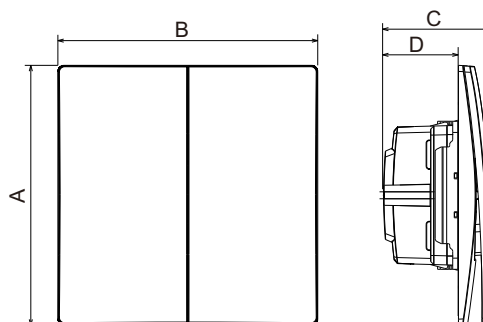
Colours

-Front: MW/MG/MB/DS/CH/DB/BA/BB/BC

-Rear: grey

2 81X XX MW	Matt White
2 81X XX MG	Matt Grey
2 81X XX MB	Matt Black
2 81X XX DS	Dark Silver
2 81X XX CH	Champagne
2 81X XX DB	Dark Bronze
2 81X XX BA	Brushed Aluminium
2 81X XX BB	Brushed Black
2 81X XX BC	Brushed Champagne

3. DIMENSIONS (mm)



References	A	B	C	D
2 810 00/01/02/03/04/05/06/07 XX yy	86	86	36.8	24.9
2 810 08/09 XX yy	86	86	35.7	23.8
2 810 10/11/12/13/14/15 XX yy	86	86	36.8	24.9

Intermediate switch(2 810 08/09 XX yy): Minimum depth of the box \geq 35 mm

4. CONNECTION

Types of terminals: with screws

Terminal capacity: $3 \times 1 \text{ mm}^2$
 $3 \times 1.5 \text{ mm}^2$
 $2 \times 2.5 \text{ mm}^2$
 $1 \times 4 \text{ mm}^2$

Intermediate switches recommended stripping length: 8 mm

Other switches recommended stripping length: 12 mm

Recommended screwdriver size: <4 mm flat blade

5. TECHNICAL CHARACTERISTICS

5.1 Material characteristics

Rocker: PC
Frame: Steel
Base: PC
Base cover: PP
Self-extinguishing:
+ 850° C / 30 s for insulating parts holding live parts in place
+ 650° C / 30 s for other parts made of insulating materials

5.2 Electrical characteristics

Voltage: 250V~
Current: 16AX

5.3 Caution of use:

The maximum number of maximum wattage of each lighting circuit incorporating electronic ballasted lamps should be such that the inrush current should not exceed the following parameter.

Rated Current	I_{peak}	I^2t	Recommended Wattage (Include SBL - Self Ballasted Lamp)
16AX	170A	9A ² s	200W

Switches with a rated voltage of 250 V shall be considered as switches for a distribution system 230/400 V.

5.4 Climatic characteristics

Storage temperatures: -10°C to +70°C
Operating temperatures: -5°C to +50°C

5.5 Mechanical characteristics

Impact test: IK04
Protection against solids & liquids: IP20

6. CLEANING

Surface cleaning with a soft, slightly damp cloth.
Do not use: acetone, tar remover, trichloroethylene

7. CONFORMITY - APPROVALS

Conform to BS EN 60669-1; MS/IEC 60669-1.