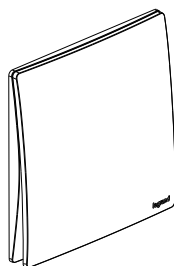
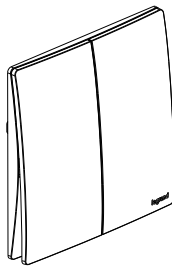


Mallia™ Senses 20AX SP Switches

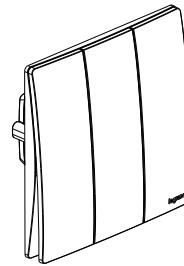
Cat. No(s): 2 810 50/51/52/53/54/55/69 XX yy
"XX" = Color / finishes: MW MB MG DS DB CH BA BB BC
"yy" = Country Suffix. MY = Malaysia; SG = Singapore



2 810 50/51/69 XX yy



2 810 52/53 XX yy



2 810 54/55 XX yy

1. USE

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

2. RANGE

Designation	Cat. No.
1G 1W 20AX SINGLE POLE SWITCH	2 810 50 XX yy
1G 2W 20AX SINGLE POLE SWITCH	2 810 51 XX yy
2G 1W 20AX SINGLE POLE SWITCH	2 810 52 XX yy
2G 2W 20AX SINGLE POLE SWITCH	2 810 53 XX yy
3G 1W 20AX SINGLE POLE SWITCH	2 810 54 XX yy
3G 2W 20AX SINGLE POLE SWITCH	2 810 55 XX yy
1G 20AX SINGLE POLE INTERMEDIATE SWITCH	2 810 69 XX yy

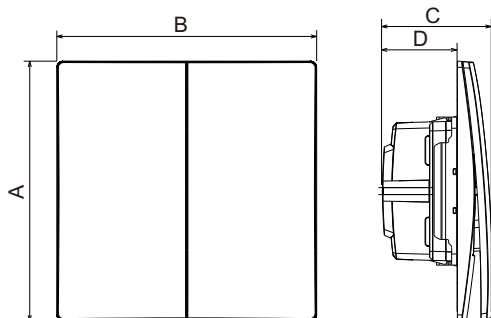
Colours

-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 50/51/52/53/54/55 XX yy	86	86	36.8	24.9
2 810 69 XX yy	86	86	35.7	23.8

Intermediate switch(2 810 69 XX): Minimum depth of the box ≥ 35 mm

4. CONNECTION

Types of terminals: with screws

Terminal capacity: 3 × 1 mm²
3 × 1.5 mm²
2 × 2.5 mm²
1 × 4 mm²

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: 20AX

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 ² t	Recommended Wattage (Include SBL - Self Ballasted Lamp)
20AX	192A	13A ² s	250W

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; SS227.