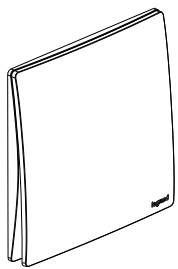
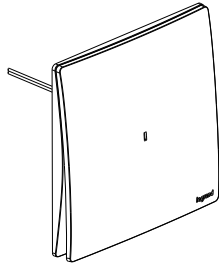


Mallia™ Senses 20AX DP Switches

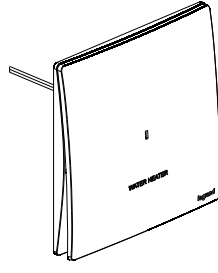
Cat. No(s): 2 810 60/61/62/65/66/68 XX yy
"XX" = Color / finishes: MW MB MG DS DB CH BA BB BC
"yy" = Country Suffix. MY = Malaysia; SG = Singapore



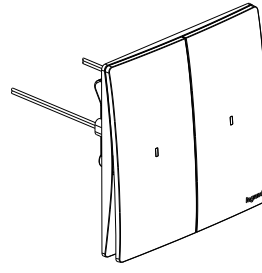
2 810 60 XX



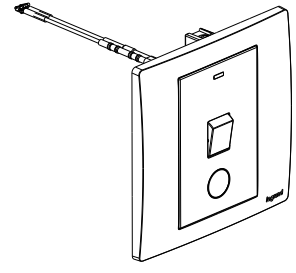
2 810 61 XX



2 810 62/68 XX



2 810 65 XX



2 810 66 XX

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 20AX Double Pole Switch	2 810 60 XX
1G 1W 20AX Double Pole Switch Red Indicator	2 810 61 XX
1G 1W 20AX Double Pole Water Heater Switch W/ Red Power Indicator W/ Earth Terminal	2 810 62 XX
2G 1W 20AX Double Pole Switch Red Indicator	2 810 65 XX
1G 1W 20AX Double Pole Switch With LED + Cable Outlet with Earth Terminal	2 810 66 XX
1G 2W 20AX Double Pole Water Heater Switch W/ Power Indicator W/ Earth Terminal	2 810 68 XX

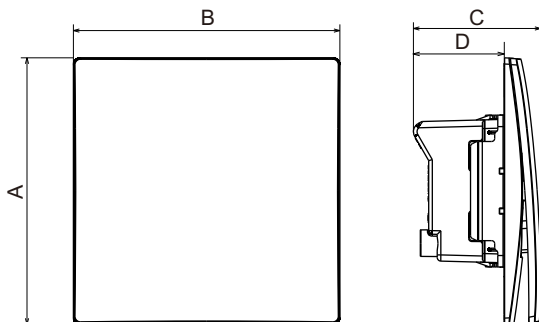
Colours

-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 60/61/62/65/68 XX	86	86	35.7	23.8

2 810 60/61/62/65/68 XX: Minimum depth of the box ≥ 35 mm

References	A	B	C	D
2 810 66XX	86	86	34.4	24.8

4. CONNECTION

Types of terminals: with screws

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

281066XX recommended stripping length: 12 mm
Other switches recommended stripping length: 8 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 _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.