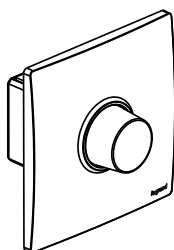
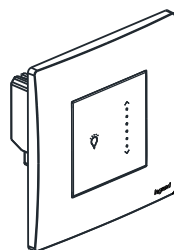


Mallia™ Senses Dimmer

Cat. No(s):	2 810 80/86 MW - 2 810 80/86 MG	2 812 86 MW - 2 812 86 MG
	2 810 80/86 MB - 2 810 80/86 DS	2 812 86 MB - 2 812 86 DS
	2 810 80/86 CH - 2 810 80/86 DB	2 812 86 CH - 2 812 86 DB
	2 810 80/86 BA - 2 810 80/86 BB	2 812 86 BA - 2 812 86 BB
	2 810 80/86 BC	2 812 86 BC



2 810 80/86 XX



2 812 86 XX

1. USE

Light control.
(Supplied with M3.5 screws for Flush mounting or surface mounting BS boxes.)

2. RANGE

Designation	Cat. No.
1G 40-500W INCANDESCENT DIMMER	2 810 80 XX
1G 5-300W INCANDESCENT 5-75W LED DIMMER	2 810 86 XX
1G 5-300W INCANDESCENT 5-75W LED TOUCH SLIDING DIMMER	2 812 86 XX

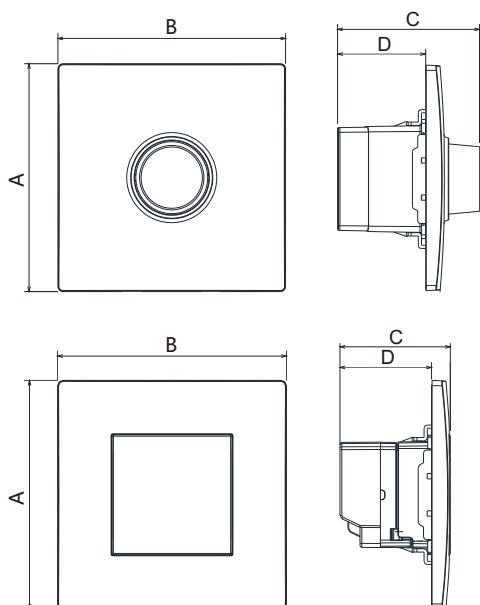
Colours

-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 80 XX	86	86	53.6	33.3
2 810 86 XX	86	86	53.6	33.3
2 812 86 XX	86	86	41.5	34.5

4. CONNECTION

4.1 Terminal

Types of terminals: with screws

Terminal capacity: 2 810 80/86 XX: 4 × 1 mm²
3 × 1.5 mm²
2 × 2.5 mm²
1 × 4 mm²

2 812 86 XX: 4 × 1 mm²
3 × 1.5 mm²
2 × 2.5 mm²
1 × 4 mm²
1 × 6 mm²

Recommended stripping length: 12 mm

Recommended screwdriver size: 4 mm flat blade

5. TECHNICAL CHARACTERISTICS

5.1 Material characteristics

Rocker/Plate: PC

Frame: Steel

Base: PC

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

300W Touch Sliding Dimmer & 300W Rotary Dimmer RLC + LED:

Voltage: 100 - 240V~

Frequency: 50/60Hz

	R	L	C/L		C	L
						
						
240V~ 50Hz	5...300 W	5... 300 VA	5... 300 VA	5... 200 VA	5...75 W ≤ 10 x	5...200W ≤ 10 x
100V~ 60Hz	5...150 W	5... 150 VA	5... 150 VA	5... 100 VA	5...37 W ≤ 10 x	5...100W ≤ 10 x

Mallia™ Senses Dimmer

Cat. No(s): 2 810 80/86 MW - 2 810 80/86 MG 2 812 86 MW - 2 812 86 MG
2 810 80/86 MB - 2 810 80/86 DS 2 812 86 MB - 2 812 86 DS
2 810 80/86 CH - 2 810 80/86 DB 2 812 86 CH - 2 812 86 DB
2 810 80/86 BA - 2 810 80/86 BB 2 812 86 BA - 2 812 86 BB
2 810 80/86 BC 2 812 86 BC

- ❶ Incandescent lamp
- ❷ Iron core transformer for extra low-voltage incandescent lamps(e.g.halogen)
- ❸ Inductive ballast fluorescent lamp with compensator
- ❹ Electronic step-down converter for extra low-voltage incandescent /fluorescent lamps
- ❺ Fluorescent lamp
- ❻ Dimmer CFL
- ❼ Self-ballasted LED lamp

500W Dimmer Rotary:

Voltage: 200 - 240V~

Frequency: 50/60Hz

	R
	❶   
	
Max	500W
Min	60W

- ❶ Incandescent lamp

5.3 Climatic characteristics

Storage temperatures: -10°C to +70°C

Operating temperatures: -5°C to +35°C

5.4 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 IEC 60669-2-1, EN 60669-2-1.