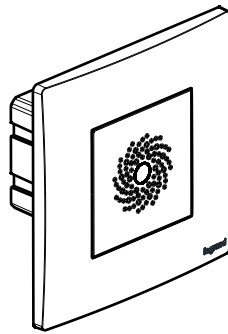


# Mallia™ Senses

## Sound light detector

Cat. No(s): 2 810 92/93 MW - 2 810 92/93 MG - 2 810 92/93 MB  
2 810 92/93 DS - 2 810 92/93 CH - 2 810 92/93 DB  
2 810 92/93 BA - 2 810 92/93 BB - 2 810 92/93 BC



2 810 92/93 XX

### 1. USE

Timer switch activated by noise, this switches activated with a sound level if 70 dB minimum.  
The light switched on during 30s and switches off if no noise is detected. If the sound continues, the load will stay on until 30s after it stops.  
(Supplied with M3.5 screws for Flush mounting or surface mounting BS boxes.)

### 2. RANGE

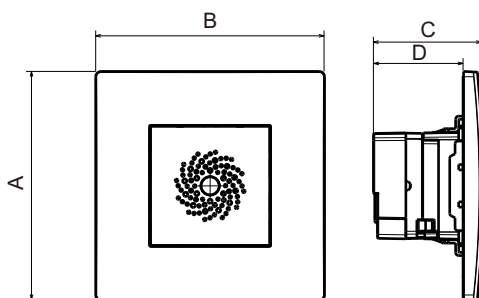
Designation	Cat. No.
200W SOUND LIGHT DETECTOR WITHOUT NEUTRAL	2 810 92 XX
400W SOUND LIGHT DETECTOR WITH NEUTRAL	2 810 93 XX

### 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 92 XX	86	86	40.6	33.7
2 810 93 XX	86	86	40.6	33.7

Minimum depth of the box ≥ 40 mm

### 4. CONNECTION

Types of terminals: with screws  
Terminal capacity: 3 X 1 mm<sup>2</sup>  
3 X 1.5 mm<sup>2</sup>  
2 X 2.5 mm<sup>2</sup>  
Recommended stripping length: 12 mm  
Recommended screwdriver size: <4 mm flat blade

### 5. TECHNICAL CHARACTERISTICS

#### 5.1 Material characteristics

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

Luminosity threshold: day:20~500Lux, dusk: 3~20Lux, night: <3 Lux  
Sound trigger lever : low:75~85dB, high: 65~75dB

Transformer: primary and secondary 100 V - 240 V  
Frequency: 50/60 Hz

Sound light detector W/O Neutral:

	1	2	3	4	5	6	7
240V~	5...400W	5...200VA	20...200VA	3...200VA	3...100W	3...100W	7...100VA
100V~	5...200W	5...100VA	20...100VA	3...100VA	3...50W	3...50W	7...50VA

Sound light detector W/Neutral:

	1	2	3	4	5	6	7
240V~	400W	200VA	200VA	200VA	200VA	100VA	100VA
100V~	200W	100VA	100VA	100VA	100VA	50VA	50VA
	1.7A	0.85A	0.85A	0.85A	0.85A	0.42A	0.42A

- Incandescent lamp
- Electronic step-down converter for extra low-voltage incandescent lamps(e.g.halogen)
- Iron core transformer for extra low-voltage incandescent lamps (e.g.halogen)
- Fluorescent lamp
- Self-ballasted fluorescent compact lamp(CFL)
- Self-ballasted LED lamp
- Inductive ballast fluorescent lamp with compensator

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### 5.3 Climatic characteristics

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