

Product data sheet

Motion detector 240°, surface-mounted



Reference number

BM 240 S1A SW

Motion detector 240°, surface-mounted

Intended use

- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Wall installation; adapter for corners and adapter for surface-mounted cable installation included
- Surface mounting in interiors and exteriors

Product characteristics

- Passive infra-red sensor
- Protected against water splashes and dust
- Undercrawling protection
- Brightness threshold adjustable
- Run-on time adjustable
- Parallel connection of multiple motion detectors possible
- Screen for limiting the detection area

Technical data

Recommended mounting height:	2 m
Mounting height:	1.8 ... 4 m
Detection angle horizontal:	240°
Detection angle vertical:	180°
Adjusting possibilities	
Rotating:	160° horizontal
Range, direct approach:	approx. 5 m
Range, tangential approach:	approx. 12 m
Switching zones:	276
Brightness setting:	approx. 2 ... 2,000 lx
Run-on time:	approx. 10 s ... 15 min
Rated voltage:	AC 230 V ~
Mains frequency:	50/60 Hz
Degree of protection:	IP54
Protection class:	II
Switching capacity	
Incandescent lamps:	1000 W
LV halogen lamps with inductive transformers:	1000 VA
electronic transformers:	1000 W
Fluorescent lamps non-compensated:	500 W
parallel compensated:	500 W
HV LED lamps:	max. 350 W
Capacitive load:	132 µF
Dimensions (W x H x D):	84 x 89 x 90 mm
Ambient temperature:	-20 ... +50 °C

 Degree of protection IP54 is ensured.