

GREATER SECURITY  
AND CONVENIENCE  
OUTDOORS

# Wired Motion Detector with Switching Actuator – outdoor

HmIPW-SMO230 | HmIPW-SMO230-A

Never get left outside in the dark again: The reliable Wired motion detector with weatherproof housing and additional switching actuator monitors outdoor areas and switches lights on or triggers an alarm when movement is detected. The sensor features three separate motion detection zones for precise and complete monitoring without false alarms.



homematic <sup>IP</sup>  
wired

## POWERFUL WITH A 20 M RANGE\*

The powerful lens with a detection range of up to 20 m detects movement immediately, thus ensuring the reliable and intelligent monitoring of outdoor areas. Tilting of the sensor allows the desired area to be precisely monitored.

In addition, the integrated twilight sensor enables lights to be reliably switched on when it gets dark or at twilight. The sensor can differentiate precisely between brightness levels even on cloudy days. Brief changes in brightness are filtered out automatically.

## ALL YOU NEED TO KNOW AT A GLANCE

The Homematic IP App provides an up-to-date overview of the smart home for a feeling of security even when you are out and about. If motion is detected while protection mode is activated, a push notification is immediately sent to the smartphone and an alarm is displayed in the app.







## COMPLETE MONITORING THANKS TO THREE SEPARATE MOTION DETECTION ZONES

The motion detector switches light on only when it is really needed. The device has a total of three separate detection zones (two main zones and the creep zone) that can be configured individually. This enables scenarios to be managed, such as the suppression of disturbance variables (passers-by, cyclists or vehicles). The division into different zones allows the range of the other zones to remain unchanged.

## TECHNICAL DATA

Bus connection supply voltage	24 V DC, +5% -20%, SELV
Load voltage	230 V/50 Hz
Bus connection supply current (stand-by)	2 mA
Bus connection supply current (max.)	40 mA
Load current (max.)	5 A
Power consumption (stand-by)	0.048 W
Power consumption (max.)	0.96 W
Max. switching capacity	1,150 W
Relay	NO contact, 1-pole, $\mu$ contact, bistable
Cable type and cross-section for connection of loads	Rigid and flexible cable, 0.75 – 2.50 mm <sup>2</sup>
Cable type and cross-section for bus connection	Rigid cable, 0.12 – 0.50 mm <sup>2</sup>
Degree of protection	IP44
Ambient temperature	-20 to +55°C
Dimensions (W x H x D)	78 x 126 x 140 mm
Weight	311 g

## LOAD TYPE

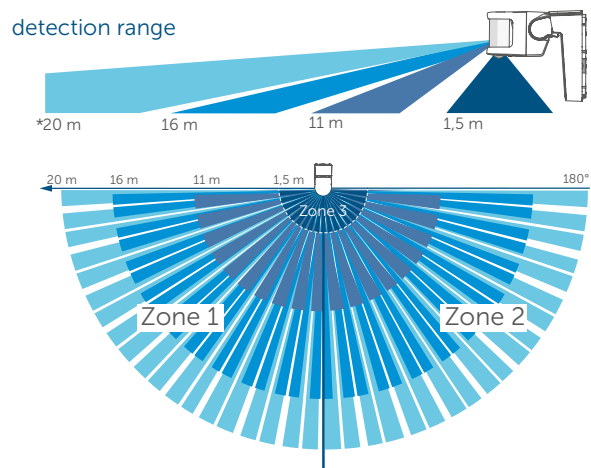
LOAD TYPE	RELAY
Resistive load	 5 A
Incandescent lamp load	 1,150 W
Self-ballasted lamps (LED/compact fluorescent lamp)	200 W
HV halogen lamps	1,150 W
Electronic transformers for LV halogen lamps	 1,150 W
Iron core transformers for LV halogen lamps	 1,150 W
Fluorescent lamps (uncompensated)	 1,150 W
Fluorescent lamps (parallel compensated)	 1,150 W

## FLEXIBLE INSTALLATION OUTDOORS

With a wide temperature range of -20°C to +55°C and the weatherproof housing (IP44), the motion detector can safely be installed outdoors or, for example, in a garage. We recommend an installation height of 2.5 m to ensure the optimum detection range.

## ADDITIONAL SWITCHING ACTUATOR

An internal actuator enables Homematic IP sensors to be linked. This makes it possible, for example, to achieve better coverage of the area to be monitored using additional Homematic IP motion detectors. The light connected to the device can also be switched on and off manually with an additional button. By combining them into switching groups, several actuators can be switched simultaneously when motion is detected.



\*max. range of up to 20 m at an installation height of 2.5 m

Operation requires connection to a Homematic IP Wired Access Point.

## LOGISTICS DATA

Version	White	Anthracite
Product reference	159845A0	159859A0
EAN code	4047976598458	4047976598595
Short description	HmlPW-SMO230	HmlPW-SMO230-A
Packaging unit	12	12
Packaging dimensions	185 x 280 x 97	185 x 280 x 97
Weight incl. packaging	675.9 g	675.9 g

## PACKAGE CONTENTS

Homematic IP Wired Motion Detector with switching actuator – outdoor / Homematic IP Wired Motion Detector with switching actuator – outdoor, anthracite

Screws (2x) and plugs (2x)

Operating manual