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Motion detector top unit 2.20 m Komfort for KNX System 70



Specification	Order No.	Packing unit	PS	EAN
 pure white glossy	2051 112	-	-	4010337027164
 pure white glossy	2051 70	1/5		4010337115649
 pure white matt (lacquered)	2051 72	1/5		4010337115656
 anthracite (lacquered)	2051 73	1/5		4010337115625
 black matt (lacquered)	2051 74	1/5		4010337115663
 grey matt (lacquered)	2051 76	1/5		4010337115632

Features

- Installation on bus coupler 3.
- Configurable for motion detection (sentinel application) or for room monitoring (detector application).
- Evaluation of brightness during active motion detection in sentinel mode. Switching off lights when brightness threshold is exceeded.
- Configurable number of motion impulses within one monitoring time in detection mode.
- Digital motion detection via 2 PIR sensors.
- Sensitivity of motion detection can be parameterised separately in steps for the PIR sectors.
- Integrated brightness sensor for determining ambient brightness.
- Adjustment of sensitivity via a dial on the device or via IR remote control PIR KNX (accessory).
- Evaluation of the measured brightness by means of up to three independent brightness limits.
- Indication of motion detection (permanent or only during walking test).
- Up to 5 function blocks that are freely configurable for the "sentinel", "sentinel with switch-off brightness" or "detector" application.
- Two output communication objects are available for each function block which are transmitted to the KNX via the switching and control commands.
- Configurable functions: switching, staircase function, dimming value transmitter, scene auxiliary unit, temperature value transmitter, brightness value transmitter, operating mode changeover, switching with forced setting.
- Function block switchover for bus-controlled switchover between two function block groups.
- Switchover of the operating mode (OFF / AUTO / ON) of the first function block during ongoing operation through local operation or via communication object through local operation at other motion detectors for KNX using pushbutton sensor for KNX or visualisation.
- Blocking individual function blocks as required via the KNX.
- Manual operation of the controlled KNX actuators and consequently deactivation of automatic PIR operation is possible.

Illustrations are similar and may deviate from originals.

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Technical data

KNX medium:	TP256
Mounting height up to 2.20 m	
- Range of detection forwards:	Max. 15 m
- Range to each side:	Max. 10 m
Mounting height up to 1.10 m	
- Range of detection forwards:	Max. 10 m
- Range to each side:	Max. 9 m
Angle of detection:	180°
Brightness sensor	
- Measurement range:	approx. 1 to 1000 lx
Protection class	
- System 55, System 70:	IP20
- TX_44:	IP44
Ambient temperature:	-25 °C to +55 °C
Temperature sensor	
- Measurement range:	-20 °C to +55 °C
- Precision:	±1 K

Notes

- The motion detector is not suitable for alarm messages in VdS-compliant alarm systems.
- Also suitable for mounting height of 1.10 m (reduced detection range).
