

SCN-BWM63T.02

KNX Motion Detector/Automatic Switch TS 63, studio white glossy finish



Product description:

The MDT Motion Detector / Automatic Switch with light sensor for wall mounting in 63 mm switch ranges. With two motion sensors for detecting the direction of movement and integrated light sensor for different switch-on thresholds during the day and at night. Two separate light channels, one HVAC channel and one channel for room monitoring can be configured. It is the all-rounder for corridors and rooms.

Product functions:

- Suitable for 63 mm switch ranges, e.g. MDT assortment 63 or Busch-Jaeger future linear, solo, carat and Busch-accent
- **Motion detector with 2 sensors and brightness sensor**
- **Two sensor surfaces for selectable functions**
- **Temperature sensor to measure the room temperature**
- Detection angle H 180° / V 15°, area of detection 6 ... 10 m
- **Suitable for house pets up to 12 kg**
- **Activation sensitivity for day, night, and presence individually selectable**
- **Detection of movement direction**
- 2 Light channels, 1 HVC- and Alarm channel
- **Short-term presence to reduce the follow up time**
- Master/slave function, scenes and logic functions
- **Integrated white LED nightlight**
- Day/night function, orientation light function
- Blocking- and forced operation with release time
- External Push-button input for automatic and manual operation
- Recommended installation height: 1.05 ... 1.20 m
- Integrated Bus coupler

Technical data:

Device	Device type	SCN Motion detector
	Article Number	SCN-BWM63T.02
	EAN / GTIN	4251916111366
	Colour	Studio white, glossy
	Dimensions (H x W x D)	63 x 63 x 26 mm
	Weight, gross (incl. packaging)	0.066 kg
	Protection classification	IP20
	Installation type	Flush mounted
	Installation depth in switch box	12 mm
	Included carrying ring	Carrying ring A
	Recommended installation height	1.05 ... 1.2 m
	Installation position	any
	Weight, net	0.041 kg
	Operation	Number of buttons
Number of LEDs		1 x red/green (status) 1 x white (night light)
Inputs	Number of sensors	2
	Dynamic range	5 ... 1000 Lux
	Range	6 m ... 10 m
	Horizontal angle of coverage	180°
	vertical angle of coverage	15°
	Adjustable sensitivity	10 steps
	Measuring range for temperature	0 ... 40 °C
KNX	Nominal voltage KNX	30 V DC SELV
	Voltage range KNX	21 ... 31 V DC SELV
	Typical power consumption KNX bus	< 0,3 W
	KNX Medium	TP-256 with long frame support
	KNX Application	as of ETS 4
Environmental conditions	Ambient operating temperature	0 ... 45 °C
	Storage	-20 ... +55 °C
	Humidity	< 95 %
	Condensation permissible	No
Connections	Temperature sensor	Integrated
	KNX connection type	KNX terminal
	KNX cable cross section	0.6 ... 0.8 mm, solid conductor

Wiring diagram:

