

Product data sheet

Motion and presence detector



Reference number

DWPM K 360 AL

Motion and presence detector

with integrated relay switch

including IR remote control ref.-no.: DWPM FB IR K

Intended use

- Automatic switching of lighting depending on the thermal movement and ambient brightness
- Ceiling installation, surface mounting in dry interiors

Product characteristics

- 2-point light control
- Functions adjustable with IR remote control
- Restriction of the detection field by switching off individual sensors or push-on cover
- Operation with IR remote control, 2-wire extension or installation button
- Teach function for adjustment of the brightness threshold in combination with IR remote control
- Switch-off warning
- Short-time operation, e.g. to activate acoustic signal transmitters
- Display LEDs
- Presence simulation
- Function as twilight switch
- Dynamic run-on time
- Extension of the detection area through parallel switching of multiple devices

Technical data

Rated voltage:	AC 110 ... 230 V ~
Mains frequency:	50/60 Hz
Ambient temperature:	-5 ... +45 °C
Stand-by power:	max. 0.3 W
Circuit breaker:	max. 16 A
Contact type:	μ
Detection angle:	360°
Dimensions (Ø x H):	103 x 66 mm
Mounting height:	3.00 m
Detection range:	Ø approx. 20 m
Sensitivity:	25 ... 100 %
Brightness setting:	approx. 5 ... 2,000 lx (and daytime operation)
Run-on time:	approx. 10 s ... 30 min
Short-time operation	
Pulse duration:	approx. 0.5 s
Pulse interval:	approx. 3 s
Switching current at 35 °C	
Ohmic:	16 A (AC1)
Fluorescent lamps:	4 AX
Connected load at AC 230 V ~ and 35 °C	
Incandescent lamps:	2300 W

HV halogen lamps:	2000 W
Electronic transformers:	1500 W
Inductive transformers:	1000 VA
HV LED lamps:	typical 400 W
Fluorescent lamps non-compensated:	920 VA
Capacitive load:	690 VA (560 µF)
Connected load at AC 110 V ~ and 35 °C	
Incandescent lamps:	1150 W
HV halogen lamps:	1000 W
Electronic transformers:	750 W
Inductive transformers:	500 VA
HV LED lamps:	typical 200 W
Compact fluorescent lamps:	typical 200 W
Fluorescent lamps non-compensated:	460 VA
Capacitive load:	345 VA (560 µF)
Connection	
single wire:	1 x 1 ... 2.5 mm ²
stranded with tin-plated conductor ends:	1 x 0.75 ... 1.5 mm ²
Number of satellite units	
Unlit installation buttons:	unlimited
Satellite insert 2-wire:	unlimited
Total length of satellite cable:	max. 100 m
Total length power cable:	max. 100 m
IR remote control	
Battery type:	1 x lithium CR 2025 (included)
Colour:	
aluminium (lacquered)	