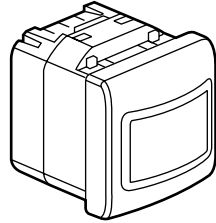


Arteor™ Automatic switches

Cat. No(s): 5720 52/53 - 5740 61/62



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1. USE

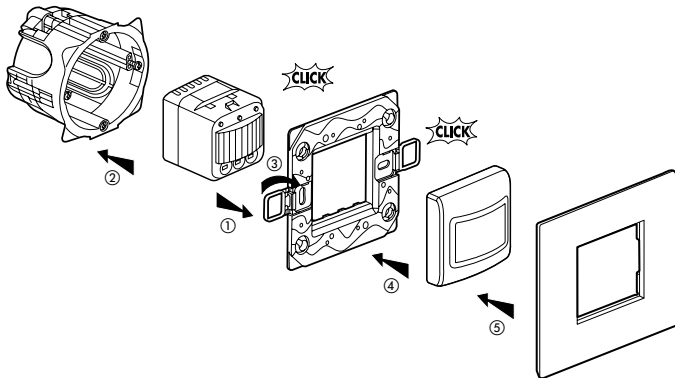
Automatic infrared-detection switches with or without neutral.

2. RANGE

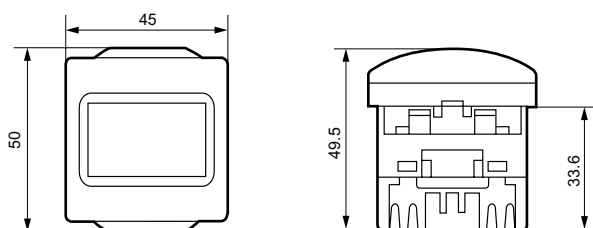
	Designation	Finishes		No. of modules	Connection method	Weight (g)	Characteristics
		White	Magnesium				
	Automatic switch with neutral	5720 53	5740 61	2	with screws	62	100/240 V 50/60 Hz - 1000 W
	Automatic switch without neutral	5720 52	5740 62	2	with screws	62	100/240 V 50/60 Hz - 400 W

3. PREPARATION

The mechanisms can be flush-mounted or surface-mounted.



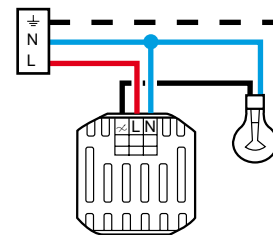
4. OVERALL DIMENSIONS



5. CONNECTION

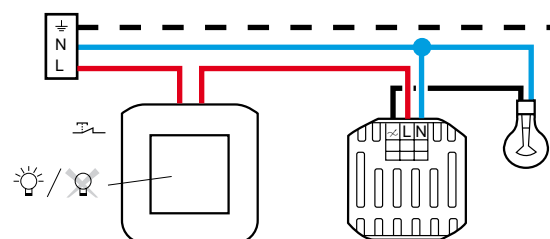
Terminal type: Cage-type connector
Terminal capacity: 2 x 1.5 mm² or 1 x 2.5 mm²
Screwdriver: Flat-blade 3.5 mm

5.1 Mounting with a switch:



Connect the neutral on Cat. Nos. 5720 53 - 5740 61.

5.2 Mounting with offset pushbutton (closing-type):

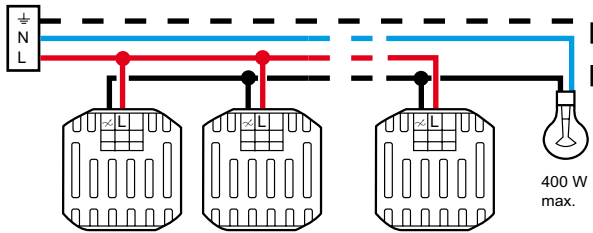


Connect the neutral on Cat. Nos. 5720 53 - 5740 61.

5. CONNECTION (cont'd)

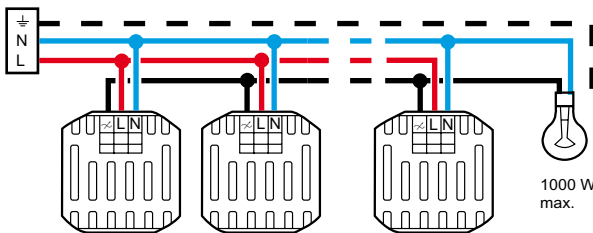
5.3 Mounting with several combined switches:

Cat. Nos. 5720 52 - 5740 62 (without neutral)



Only possible with incandescent loads.
Comply with the minimum load: 40 W multiplied by the number of inputs.
Comply with the maximum load: 400 W

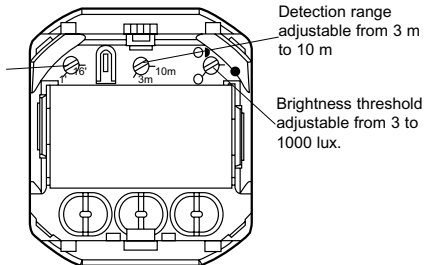
Cat. Nos. 5720 53 - 5740 61 (with neutral)



6. OPERATION

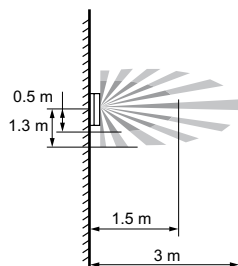
- Horizontal detection angle: 180°.
- Option of offset manual control via open-type pushbutton.
- Self-protection integrated against overloads and short-circuits only for 400 W.
- Install in a flush-mounting box with depth 40 mm min.

Time delay function adjustable from 1 s to 16 min. with repeat cycling as long as movement is detected.

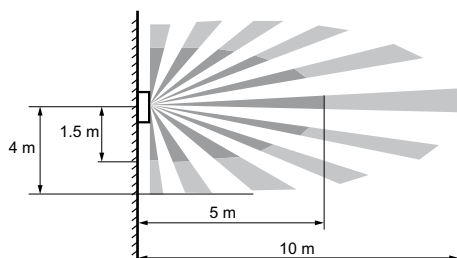


Horizontal detection

Range adjusted to 3 m:



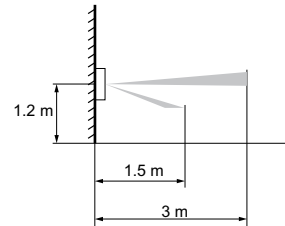
Range adjusted to 10 m:



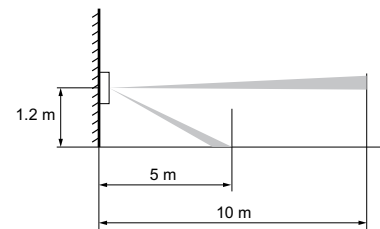
6. OPERATION (cont'd)

Vertical detection

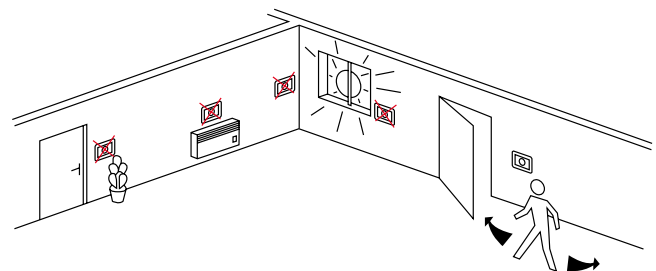
Range adjusted to 3 m



Range adjusted to 10 m



Precautions for use



Automatic switches

7. TECHNICAL CHARACTERISTICS

7.1 Mechanical characteristics

Impact tests: IK 04

Penetration by solid bodies/liquid: IP 40 (mounted)
IP 20 (alone)

7.2 Material characteristics

Cover plate: ABS

Cover: Polycarbonate

Base: Polycarbonate

7.3 Electrical characteristics

Self-extinguishing: 650°C / 30 s

Voltage: 100-240 V

Frequency: 50/60 Hz

Powers: Cat. Nos. 5720 52 - 5740 62

		①	②	⑨	⑩
240 V	Max..	400 W	400 W	400 VA	400 VA
	Min..	40 W	40 W	40 VA	40 VA
100 V	Max.	200 W	200 W	200 VA	200 VA
	Min.	40 W	40 W	40 VA	40 VA

Powers: Cat. Nos. 5720 53 - 5740 61

	①	②	③	④	⑤	⑥	⑦	⑧
240 V	1000 W	1000 W	500 VA	500 VA	500 VA	500 VA	100 VA	1 max. < 2 A
100 V	500 W	500 W	250 VA	250 VA	250 VA	250 VA	50 VA	1 max. < 1 A

- ① - Incandescent lamp
- ② - Halogen lamp
- ③ - ELV halogen lamp with ferromagnetic or electronic transformer
- ④ - Fluorescent tube
- ⑤ - Compact fluorescent lamp
- ⑥ - Compact fluorescent lamp with separate transformer
- ⑦ - Fan drive
- ⑧ - Contactor
- ⑨ - ELV halogen lamp with ferromagnetic transformer
- ⑩ - ELV halogen lamp with electronic transformer

7.4 Climatic characteristics

Storage temperatures: - 10° C to + 70° C

Operating temperatures: - 5° C to + 35° C

8. CLEANING

Surface cleaning with a cloth.

Do not use: acetone, tar remover, trichloroethylene.

8.1 Resistance to cleaning agents

Resistance to the following agents:

- Hexane (EN 60669-1),
- Methylated spirits,
- Soapy water,
- Diluted ammonia,
- Diluted pure bleach 10%,
- Glass-cleaning product,
- Pre-impregnated wipes.

8.2 Resistance to hospital-type cleaning agents

Resistance to the following agents:

- Anios,
- Surfanios,
- Bactylsine,
- Diluted hydrogen peroxide (35%).

Caution : A preliminary test should be carried out if other specific cleaning products are to be used.