

# MAGIC SWITCH

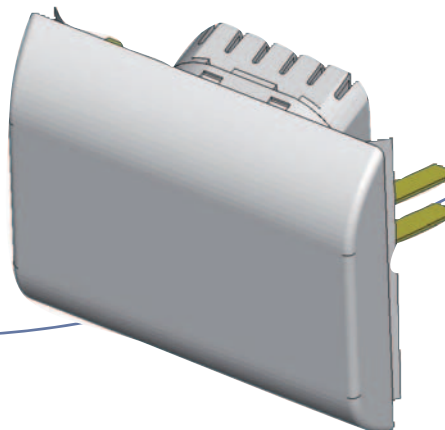


## PEDESTRIAN DOORS

Voluntary opening sensor for all types of automatic doors



**NEW**



### Detection Hygiene Visibility

#### The radar technology serving sensitive environments

The MAGIC SWITCH, used as a contactless switch, integrates the market safest technology for motion detection: the Doppler effect technology, than ensures a high quality of detection.

- stable and reliable
- suitable for a large number of environments
- particularly well-suited for applications in hospitals, food processing or pharmaceutical sectors
- ease of access for the disabled arriving in front of a low energy automatic door

#### Contactless opening

The opening is activated by simple hand moves [push or oscillation effect] in front of the sensor. It is not necessary to put the hand on the sensor. This feature guarantees absolute hygiene, which is necessary in some environments.

- possibility to keep the door open in «toggle» mode
- the door will close after switching to «impulse» mode

#### Visibility anytime

- phosphorescent front face
- LED lights on when there is a detection

#### The Pros

- fully snap-on mechanics
- can be completely recessed into any surface [except for metallic]
- laser engraving on the housing, indelible even with high pressure cleaning

## APPLICATIONS

### Surgery rooms



### Disabled

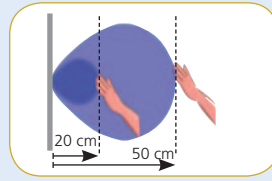


### Laboratories



## TECHNICAL SPECIFICATIONS

Technology:	Microwave motion sensor
Radiated frequency:	24.125 GHz
Radiated power density:	<< 5mW/cm
Hand detection range:	+/- 20 - 50 cm if movement towards sensor at 90° (adjustable)
Detection mode:	Motion (bidirectional)
Detection speed:	Min. 5Hz or +/- 3cm/s, Max. 200Hz or +/- 1.2m/s
Supply voltage:	12 - 24V AC +/- 10% 12 - 24V DC +30% / - 10%
Mains frequency:	50 - 60 Hz
Power consumption:	< 1.2W
Output:	Relay with switch-over contact (free of potential)
Max. voltage:	60V DC / 125V AC
Max. current:	1A (resistive)
Max. switching power:	30W (DC) / 60VA (AC)
Output hold time:	0.5s (in PULSE mode)
Temperature range:	-20°C - +55°C
Norm conformity:	Electromagnetic compatibility (EMC) according to 2004/108/EC
Material:	ABS
Colour:	White phosphorescent



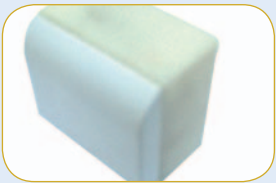
### DETECTION RANGE

### FUNCTIONING MODES

- toggle
- impulse

## ACCESSORIES & OPTIONS

Surface mount box



Magic Switch logo in laser engraving



Your company logo in laser engraving



RMM103/V1

