

Contact-free switch for convenient activation of entrances  
with strict hygiene and design requirements

# CleanSwitch

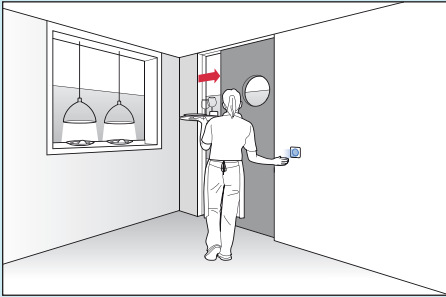
CleanSwitch provides a contact-free, hygienic method of opening doors. It works by means of a deliberate hand gesture within the detection range of 4 to 20 inches – helping to stop germs in their tracks. Thanks to its attractive design featuring colored LED feedback, CleanSwitch is an appealing, user-friendly addition to its environment. It takes just a few minutes to get the activation switch up and running. The highly durable front can be treated using standard surface disinfectants in hospital areas. Even in moist or wet environments, CleanSwitch offers reliable protection that meets IP65.



# CleanSwitch

Contact-free activation of entrances with strict hygienic requirements

## Hygienic in every application



Any place in which groups of people are found can be a breeding ground for germs and other pathogens. Contact surfaces – and in particular, door handles – are responsible for spreading bacteria and viruses. This becomes critical when it affects health-care facilities, as well as industries involving food preparation or public sanitary areas. CleanSwitch provides a contact-free method of opening doors, thus helping prevent the spread of germs. CleanSwitch can be treated with any standard cleaning agent or disinfectant.

## Reliable and easy to install



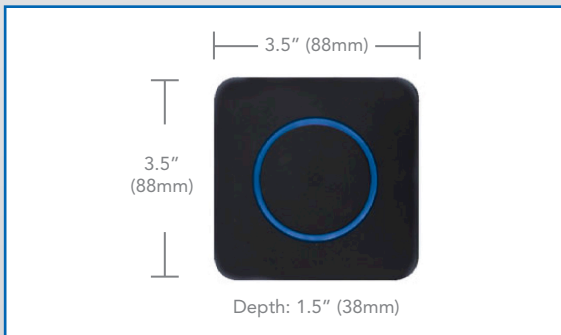
CleanSwitch is extremely quick and easy to install. Set-up of the device is an intuitive process that requires no tools – and the integrated short guide provides a helping hand.



## CleanSwitch Specifications

Material	ASA / PC
Dimensions	Approx. 3.5" H x 3.5" W x 1.5" D (88 x 88 x 38mm)
Weight	1.94 oz. (55g)
Connection type	Plug terminals
Colors	White, black
Operating voltage	12-24VAC $\pm 10\%$ (50-60 Hz) 12-24VDC $+20\%/-10\%$
Frequency range	50-60 Hz
Power consumption	~1 W
Output	Potential-free relay with changeover contact
Max. switching voltage	(DC) 1 A to 30 V, 0.5 A to 60 V (AC) 1 A to 60 V, 0.5 A to 125 V
Max. switching capacity	30 W (DC) / 60 VA (AC)
Output fall-delay time	Relay fall-delay time 0.3 sec. LED fall-delay time 2 sec.
Technology	Radar
Transmission frequency	24.125 GHz
Detection range	0.1-0.5 m
Detection mode	Pulse mode: detector is triggered by movement of hand
Detection speed	Toggle mode: first movement door open / second movement door closed Min. 5 Hz or $\pm 3$ cm/s Max. 200 Hz or $\pm 1.2$ m/s
Protection class	IP65
Storage/operation temperature	-4°F to 140°F (-20°C to +60°C)
Humidity	<95% rel., non-condensing

## Dimensions



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