

# CleanSwitch Lock

Part No. n/a (configuration)

DATASHEET

Touchless switch with digital Input and LED illumination

For further Details see manual/brochure

### Mechanical data

Housing		
Material	Standard / Feller	ASA / PA
	Hager / Gira / Jung	Duroplast / ASA / PC
Dimensions (LxWxH)	Standard / Feller	88 x 88 x 38 mm
	Hager	92 x 92 x 38 mm
	Gira / Jung	80 x 80 x 42 mm
Weight	55 g	
Type of connection	(push-in) Spring terminals	
LED Lifetime	50.000 hours at 25°C	
Relay lifetime	Mechanical	5.000.000 operation min. (at 36.000 operation/hr)
	Electrical	100.000 operation min. at 24V DC / 1 A or 50 V AC / 0,5 A

### Electrical data

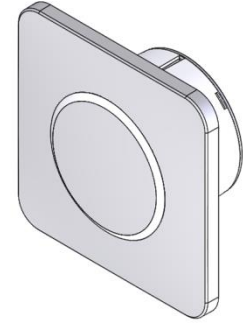
Supply voltage	12~24 V AC +/-10% (50-60 Hz)
	12~24 V DC +20% / -10%
Power consumption	1 W at 24 V DC
Max. Power consumption	~1 W with optical feedback
Output	Relay with closing contact (potential-free)
	Max. voltage/current (DC): 1 A up to 30 V, 0.5 A up to 60 V
	Max. voltage/current (AC): 1 A up to 50 V
	Max. switching power: 30 W (DC) / 50 VA (AC)

### Features

Technology	Microwave Doppler Radar (24.125 GHz)
Detection range	Adjustable 0.1~0.5 m
Motion	Min: 5 Hz or +/- 3 cm/s
	Max: 200 Hz or +/- 1.2 m/s
Mode	Pulse: sensor detects while hand moving
	Toggle: first movement on / second movement off
Output hold time	Relay 0.3 s
	LED 2 s
LED Configuration	DIP Switch
Colors	Blue, red, green

### Ambient conditions

Protection category	Standard	IP65
	Feller / Hager / Gira / Jung	IP20
Storage / Operating temperature	-20°C to +60°C	
Rel. air humidity	< 95%, non-condensing	



### Box contents

CleanSwitch, cover plate (depending on configuration), instruction manuals (DE, EN, FR, IT, ES, SV, DA, NO, FI, CN, JA)

### Dimensions

x = Feller, y = Hager, z = Gira / Jung

