DATASHEET

CleanSwitch Lock

Part No. n/a (configuration)

Touchless switch with digital Input and LED illumination

For further Details see manual/brochure



Mechanical data		
Housing		
Material	Standard / Feller Hager / Gira / Jung	ASA / PA Duroplast / ASA / PC
Dimensions (LxWxH)	Standard / Feller Hager Gira / Jund	88 x 88 x 38 mm 92 x 92 x 38 mm 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)	
Relay lifetime 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

