#### INTRUDER ALARMS Detectors / Digital dual motion detectors

## Sate1<sup>®</sup>

# **SLIM-DUAL-LUNA**

DUAL-TECH PIR+MW MOTION DETECTOR

**SLIM–DUAL–LUNA** detects motion in the protected area. Additionally, the detector has a set of LEDs to implement the lighting feature.

- certificate of compliance with the EN 50131 requirements for Grade 2
- motion detection using two sensors: a passive infrared (PIR) sensor and a microwave (MW) sensor
- adjustable detection sensitivity of both sensors
- option to test the sensors separately
- digital motion detection algorithm
- digital temperature compensation
- digital filter of signals received by the microwave sensor to ensure immunity to false alarms caused by the power network and discharge lamps
- operating mode selection: basic, advanced, PIR or MW
- option to enable/disable the creep zone protection
- wide-angle lens, designed specifically for SLIM LINE detectors
- option to replace the wide–angle lens with a curtain (CT–CL) or long–range (LR–CL) one
- ability to configure detector operating parameters using the OPT-1 keyfob
- built-in end–of–line resistors (2EOL: 2 x 1,1 k $\Omega$  / 2 x 4,7 k $\Omega$  / 2 x 5,6 k $\Omega)$
- lighting feature implemented with white LEDs
- remote lighting control or motion activated lighting capability
- LED indicator
- selectable color of LED indicator (7 colors available)
- LED indicator remote enable/disable
- remote switching between two sets of detector operating parameters
- configuration mode remote enable/disable
- supervision of motion detection and supply voltage circuit
- tamper protection against opening of enclosure and removal from mounting
- adjustable mounting holder (BRACKET D) included



### Sate1<sup>\*</sup>

### **TECHNICAL DATA**

Supply voltage	12 V DC
Detected target velocity	0,33 m/s
Operating temperature range	-10°C+55°C
Recommended mounting height	2,4 m
Standby mode current consumption	14 mA
Max. current consumption	100 mA
Weight	144 g
Maximum humidity	93±3%
Dimensions	62 x 137 x 42 mm
Environmental class according to EN50130-5	II
Alarm signaling time	2s
Complied with standards	EN 50131-1, EN 50131-2-4, EN 50130-4, EN 50130-5
Microwave frequency	24,125 GHz
Security grade according to EN50131-2-4	Grade 2
EOL resistors	2 x 1,1 kΩ/2 x 4,7 kΩ/2 x 5,6 kΩ
Warm-up period	30 s
Detection area	20 m x 24 m, 90° (montaż na 2,4 m)
Alarm outputs (NC relay, resistive load)	40 mA/24 V DC
Tamper outputs (NC relay, resistive load)	40 mA / 24 V DC
Relay contact resistance (alarm output)	26 Ω
Permissible installation height	up to 4 m
Relay contact resistance (tamper output)	26 Ω