

## Small but Shockingly Powerful



The ShockTec™ Plus Grade 3 professional shock detector provides 24-hour protection for windows, doors, walls and roofs while allowing unrestricted movement throughout the premises. ShockTec™ Plus detects the vibrations caused from intrusion attempts by force and activates the alarm while the intruder is still outside, providing unparalleled and uninterrupted perimeter protection. Includes door/ window contact providing additional security and two detectors in one.

- Widely used to protect ATMs from theft and vandalism
- Increased security from integrated wall tamper
- Easy and customized calibration per installation using the tri-color LED with "over-sensitive" and "under-sensitive" indications
- Also available as ShockTec™ model without magnetic contact

## Advanced Digital Microprocessor Provides Exceptional False Alarm Immunity

ShockTec™ Plus employs an encapsulated piezo-electric sensor and an advanced digital microprocessor which analyzes the vibration signal in two separate channels, each amplified at a different gain. The detector is therefore able to discriminate between actual attacks and the vibrations caused by regular activities, thus decreasing the incidence of false alarms.

### Technical Specifications

	ShockTec™	ShockTec™ Plus with Contact	ShockTec™ Grade 3	ShockTec™ Plus with Contact, Grade 3
EN Grade	2		3	
Wall Tamper	-		Yes	
High Security Magnetic Contact	N/A	Two reed switches on the detector, one for magnet and second for detecting attempts of magnet tampering	N/A	Two reed switches on the detector, one for magnet and second for detecting attempts of magnet tampering
Sensitivity Setting	Dual stage potentiometer			
Tri-Color LED Indicator	Orange: over-sensitive Green: alarm & correct calibration Red: under-sensitive			
Supply Voltage	9V –16V DC			
Current Consumption (typical)	8.5 mA			
Operational Temperature	-20°C to 60°C			
Maximum Humidity	95% non-condensing			
Alarm Relay	100mA at 24VDC, NC	100mA at 24VDC, NC	100mA at 24VDC, NC	100mA at 24VDC, NC
Tamper Relay	500mA at 24VDC, NC	500mA at 24VDC, NC	500mA at 24VDC, NC	500mA at 24VDC, NC
Magnetic Contact Relay	N/A	500mA at 24VDC, NC	N/A	500mA at 24VDC, NC
Alarm Time	2.5 seconds			
Latching Modes	Any or 1 <sup>st</sup> to latch operation modes			
Electrostatic Discharge	No false alarms up to 8kV			
RF Immunity	40 V/m from 80MHz to 1GHz			
Enclosure Material	Flame retardant ABS			
Enclosure Dimensions	25x28x95mm	25x28x95mm - detector 10x12x58mm - magnet	25x28x95mm	25x28x95mm - detector 10x12x58mm - magnet

CE | EN50131-2 Grade 3 or 2

### Ordering Information

Part number	Description
RK600S	ShockTec™
RK601SM	ShockTec™ Plus with magnet
RK600S0G3	ShockTec™ Grade 3
RK601SMG3	ShockTec™ Plus with magnet, Grade 3
RA601BRB	ShockTec™ Plus brown plastic (10 units)