



## Seismic Shock Sensor mod. KMF for Wireless Radio Systems

### Description

The KMF is a Seismic Shock Sensor which is used to protect doors and windows. Because of its very low current drain design, it is also suitable for wireless radio systems. The unit is a further development of the well-known KM110 Seismic Shock Sensor, manufactured since 1977.

The KMF is designed to be connected to a common alarm circuit or a wireless radio transmitter. The sensor should be mounted on the frame of the window or door to be protected.

### Features

- Individual sensitivity adjustment
- Easy mounting on the frame of the window or door with only two screws
- Very low current drain
- SMD technology
- Defined range of frequency - safe in operation
- Wide range of coverage, even in windows made by several panes
- Attractive design, cover with built-in tamper

### Technical Specifications

#### Electrical:

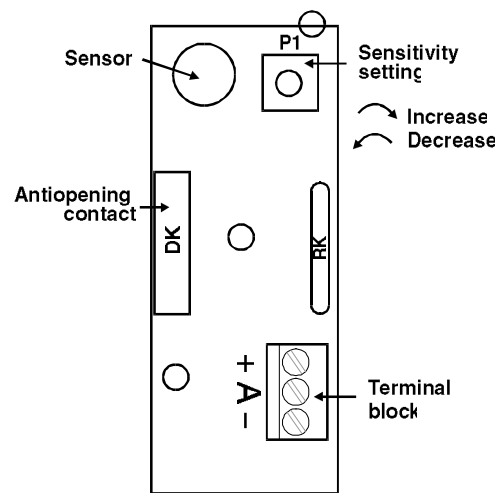
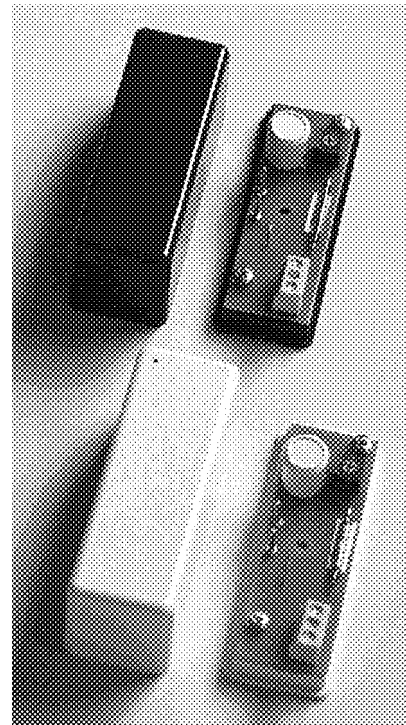
- Power input: 3 - 15 VDC
- Current drain: 1  $\mu$ A/Volt
- Frequency band: 900Hz - 5kHz
- Alarm output: Constant negative signal (open in alarm)
- Sensitivity adjustment: Increases by clockwise rotation
- Operating temperature: -30°C to +70°C

#### Mechanical:

- Terminal block: 3-position
- Tamper protection: Cover with built-in plug
- Protection against opening: Built-in reed switch activated by cutting jumper B1
- Sensitivity adjustment: By potentiometer P1
- Size: H = 68mm, W = 24mm, D = 26mm
- Housing: ABS, available in off-white and brown colour

### How to order:

Part Number	Description
SHKMF	KMF Off-white
SHKMFM	KMF Brown



Sensor Circuit Board



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