



INTRUSION ALARM

INDOOR VOLUMETRIC DETECTORS

DT15AM

Antimasking double technology detector

Item no. 80IM3600113

DT15AM is a volumetric detector consisting of two technologies: Microwave (MW) and Passive infrared (IRP). Suitable for all residential and office building applications, it stands out for its main performance such as: blinding protection and programmable operating logics.

MAIN FUNCTIONS



ANTIMASKING | Microwave blinding protection, any object blinding the MW generates an alarm displayed through the blinking LEDs and sent to the control unit by means of the connection to the MASK terminal.



LED OFF | It disables detection LED displaying, but keeps the memory displaying active.



INIBIT | It allows detector knowing the system status and, consequently, managing the memory and LED OFF functions.



MEMORY | As soon as system is disabled, the memory of the first triggered alarm will be displayed. The memory will be reset as soon as system is enabled again.



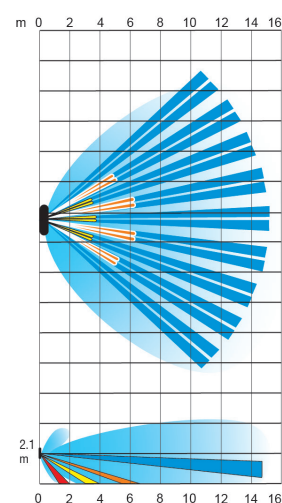
AB FUNCTION | Besides the classical AND logics, alarm can be also generated after the repeated stress of the MW section only.



CERTIFICATION | EN50131-2-4 degree 2 class II.

TECHNICAL FEATURES

- Volumetric detector consisting of an Infrared (IRP) + Microwave (MW)
- Max range 15 m
- MW range: 90° horizontal - 36° vertical
- IR range: 90°
- Sensitive areas: 18 on 4 layers with look down zone
- Selectable LED OFF
- Rated power supply voltage: 12V +/- 3V
- Absorption at 12 V: 20 mA rated 34 mA max
- Microwave (MW) sensitivity: adjustable through trimmer
- MW frequency: 10.525 GHz
- Emission power (EIRP): 8 dBm
- Opto relay: 100mA/24V
- Tamper: 100 mA/30V
- Antimasking opto relay: 100mA/24V
- Operating temperature: -10°C to +55°C
- Dimensions: 107(L) x 61.5(H) x 43.5(D) mm
- Weight: 110 g
- Articulation for wall or ceiling mounting (optional item no. 80SP1E00113)



Tel.: +39 011.39.86.700
Fax: +39 011.39.86.703
www.elkron.com
info@elkron.it

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Via Bologna, 188/C | 10154 Torino (ITALY)