RF-1110-07-3

Micro DWS LoNa, EN/Incert approved, mahogany

This micro DWS is a low profile magnetic contact that provides intrusion detection for residential and small businesses applications and is an extension of our LoNa product portfolio.

This sensor can easily be installed on doors, windows, cabinets or other items that can be opened and closed.

It's tamper detects unauthorized access to the inside of the sensor and also checks whether the sensor has been removed from its mounting surface.

The sensor can be mounted using the double-side tape provided or screws as required for EN/Incert certified installations.

The device also contains a replaceable lithium battery allowing it to run 5 to 8 years depending on the use case.



Details

- Using LoNa technology
- Compact design
- 5 to 8 years battery life (based on usage)
- EN/Incert certified

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Technical specifications

General

Application type	Surface mount

Wired / wireless

Wired / wireless	Wireless
Wireless frequency	433 MHz LoNa
Open-air range	150 m
Operating gap	15.5 mm maximum

Electrical

Current consumption	15 mA (Max.) 1.4 µA (Quiescent)
Batteries	3 V lithium, CR2032
Battery lifetime	5 to 8 years
Battery life	5 years (depending on usage)
Low voltage fault	2.2 V

Physical

Dimensions magnet	31 x 13 x 8 mm
Dimensions contact / sensor	80 x 25 x 15 mm
Colour	Mahogany
Material	ABS
Colour	white and brown covers included

Environmental

Operating temperature	0 to 49°C
Relative humidity	5 to 95% noncondensing
Environment	Indoor

Regulatory

EN50131 Grade	Grade 2
Compliancy	CE
Certification	EN50131 Grade 2, INCERT

Wired / wireless

Compatibility	Interlogix LoNa receivers
Power output	-2 dBm EIRP

Make - Break distances non-ferromagnetic surface

Approach distance X (switch closed)	15 mm
Removal distance X (switch open)	17 mm
Approach distance Y (switch closed)	23 mm
Removal distance Y (switch open)	27 mm
Approach distance Z+/Z- (switch closed)	35/32 mm
Removal distance Z+/Z- (switch open)	38/36 mm

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