

# FW2-MAG

## Two Way Wireless Door/Window Magnetic Contact

The FW2-MAG is an advanced magnetic contact sensor with integrated RF transceiver designed to be a fully supervised low-current device.

A built-in reed switch and/or an external wired input may be applied in this device.

To maximize security, an 8.2k end-of-line resistor is monitored on the external wired input.

### PRODUCT FEATURE

- Internal Reed Switch
- External Terminal Block for wired connection
- AND/OR Mode available
- Coverage 150m in open space
- Powered by 1 lithium battery CR123
- Battery life more than 5 years
- Configurable over-the-air by the Base Station
- Tamper Switch: Front cover and back tamper
- Multicolor LED indications



### SPECIFICATION

Detection Method	Internal reed switch or External magnet device
Data Protocol	Freewave2™ Two Way Protocol
Modulation Type	GFSK
Frequency Band	868-869MHz / 916-917MHZ
Identification	Unique ID serial number – 24 bit
Event Transmission	Alarm, Tamper, Supervision, Low Battery
External Input	Up to 15m with 8.2Kohm EOL resistor
LED Indications	LED confirm each transmission
Range in open space	500 m
Tamper Switch	Front cover removal & Back tamper
Supervision	7 min by default (programmable between 1 to 30 min)
Current Consumptions	Standby ~3 A Receive mode ~29 mA Transmit mode ~38 mA
Transmit power	~10dBm
Power Supply	1 x CR123 Battery
Battery Life	Up to 5 years
Operating temperature	-10°C to +55°C
Dimensions	97mm x 22mm x 21mm
Weight (inc. battery)	40 gr
Compliance	EN50130-4 / EN50130-5 / EN50131 Security Grade 2, Environmental Class II
Part Number	003459X