

U-PROX

WDC Uni Wireless
Magnetic Door
Window Contact



U-PROX WDC Uni Wireless Magnetic Door Window Contact Instruction Manual

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U-PROX

U-PROX WDC Uni Wireless Magnetic Door Window Contact



WIRELESS MAGNETIC DOOR/WINDOW CONTACT WITH SHOCK AND TILT DETECTION
Is a part of the U-PROX security alarm system

User manual

Manufacturer: LLC INTEGRATED TECHNICAL VISION

Mykoly Hrinchenka str. 2/1, 03038, Kyiv, Ukraine



www.u-prox.systems

support@u-prox.systems

www.u-prox.systems/doc_wdcuni

LLC INTEGRATED TECHNICAL VISION declares, that the U-PROX WDC Uni complies with the Radio Equipment Directive 2014/53/EU and with the Directive 2011/65/EU (RoHS). The original Declaration of Conformity is available on the website www.security.u-prox.systems in the Certificates section.

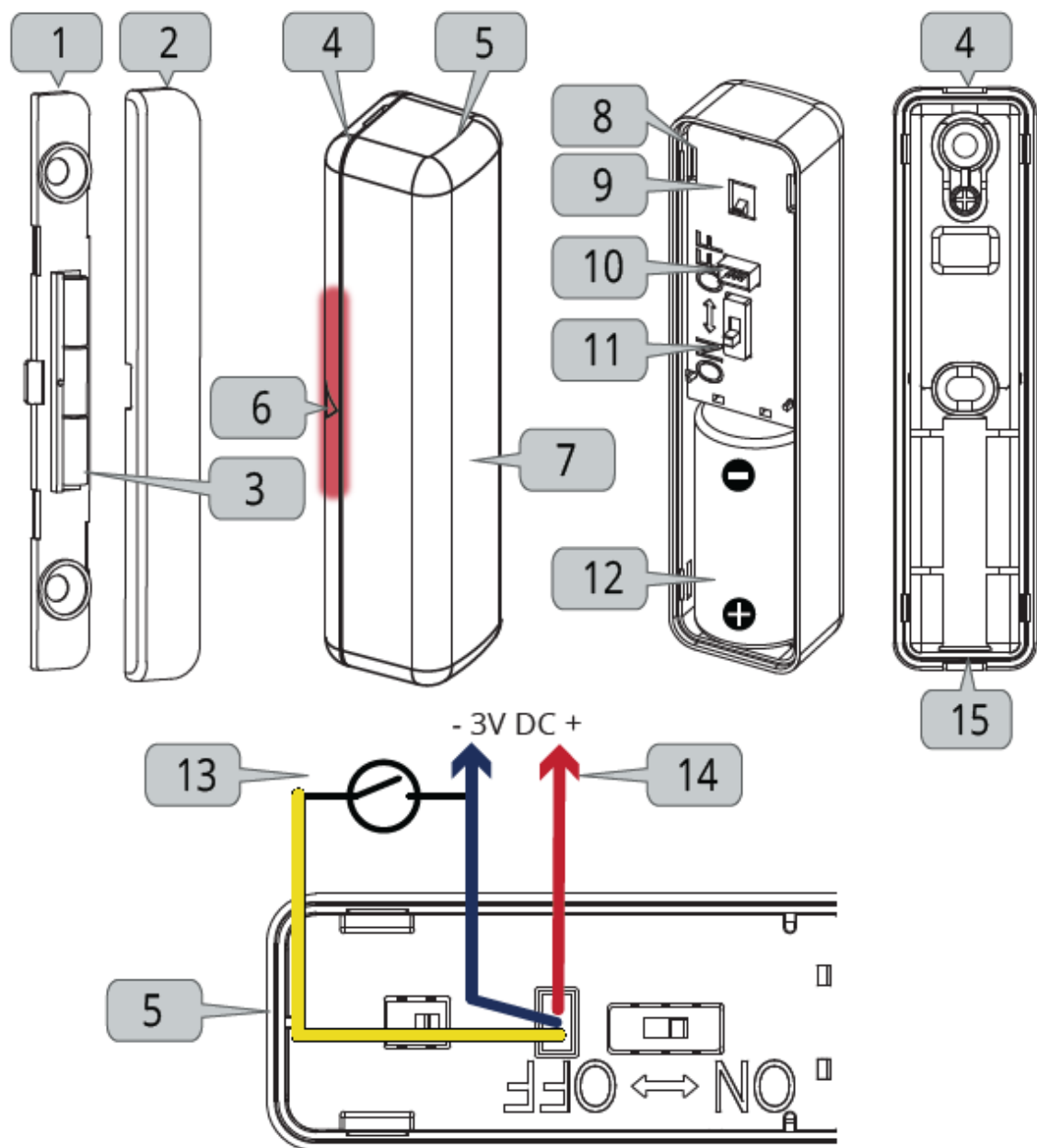
U-PROX WDC Uni – is a wireless detector with magnetic contact, EN shock and tilt sensor. The detector is designed to control the status of structural elements – windows or doors (open/close/change of inclination angle/shock detection). The device sends an alarm notification to the alarm center U-PROX security alarm system.

The detector has connector for connecting the arming information LED and external sensor, e.g. reed switch. The device is connected to the control panel and is configured with the U-PROX Installer mobile application.



Functional parts of the device (see picture)

1. Bottom plate of magnet case
2. Magnet case cover
3. Neodymium magnet
4. Bottom plate of the detector case
5. Detector case top cover with the device
6. Magnet position marks
7. LED indicator
8. Plastic protector of device board
9. Tamper switch
10. Connector for external sensor and LED:
 - LD contact (+ LED, red)
 - GND contact (ground, blue)
 - DC contact (sensor, yellow)
11. On/off button
12. Battery CR123A
13. External sensor (reed switch)
14. External LED
15. Rubber seal



TECHNICAL SPECIFICATIONS

Zones	2, adjustable
Functions	built-in reed switch, external input with pulse counter, external input, shock sensor, tilt sensor
Reed switch	threshold 7-15 mm, operations > 1 000 000
Power	3V, CR123A lithium battery included
Service life of battery	up to 5 years
Radio frequency	ISM-band wireless interface with several channels ITU region 1 (EU, UA): 868.0 to 868.6 MHz, bandwidth 100kHz, 20 mW max., up to 4800m (in line of sight) ITU region 3 (AU): 916.5 to 917 MHz, bandwidth 100kHz, 20 mW max., up to 4800m (in line of sight)
Communication	Secure two way communication, sabotage detection, key - 256 bits
Operating temperature range	-20°C to +50°C
Permissible humidity	up to 95%
Environmental class	II (according to EN 50131-1)
Security grade	2
Dimensions & weight	85 x 20,9 x 20,4 mm & 0,1 kg
Magnets dimensions	standard - 85 x 14,3 x 13,1 mm slim - 85 x 11 x 6 mm
Case colour	white, brown, black

COMPLETE SET

1. U-PROX WDC Uni;
2. Magnets – 2 pcs.;
3. CR123A battery (pre-installed);
4. Mounting kit;
5. Quick start guide

CAUTION. RISK OF EXPLOSION IF BATTERY IS REPLACED BY AN INCORRECT TYPE. DISPOSE USED BATTERIES ACCORDING TO THE NATIONAL REGULATIONS

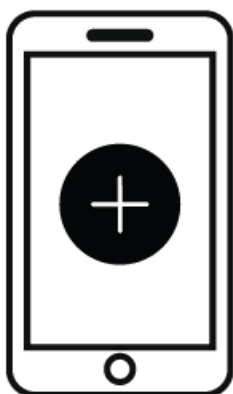
WARRANTY

Warranty for U-PROX devices (except batteries) is valid for two years after the purchase date. If the device operates incorrectly, please contact support@u-prox.systems at first, maybe it can be solved remotely.

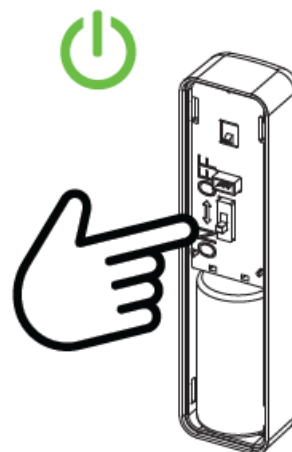
REGISTRATION



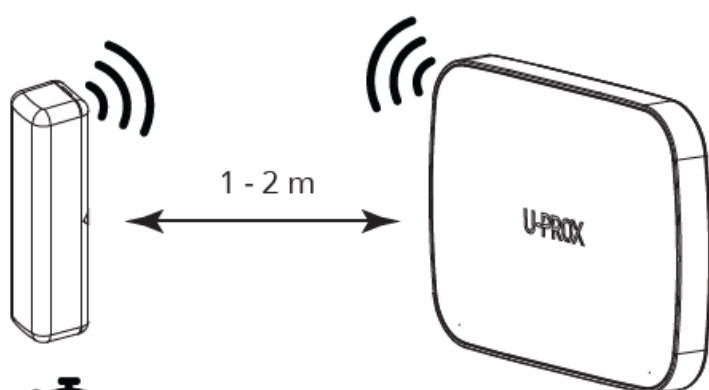
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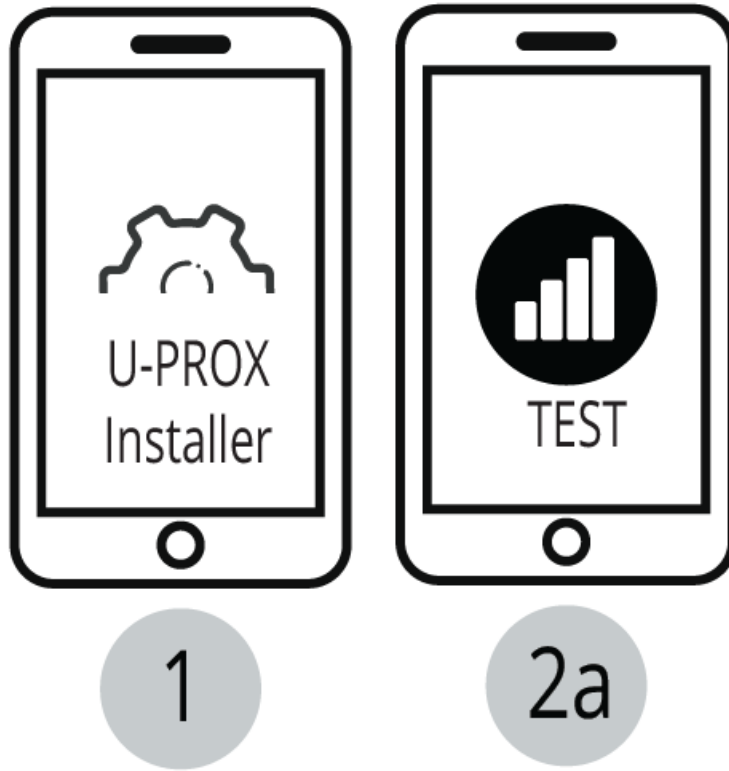
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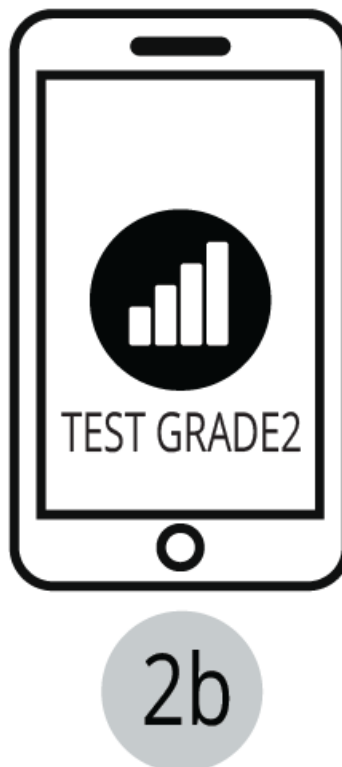


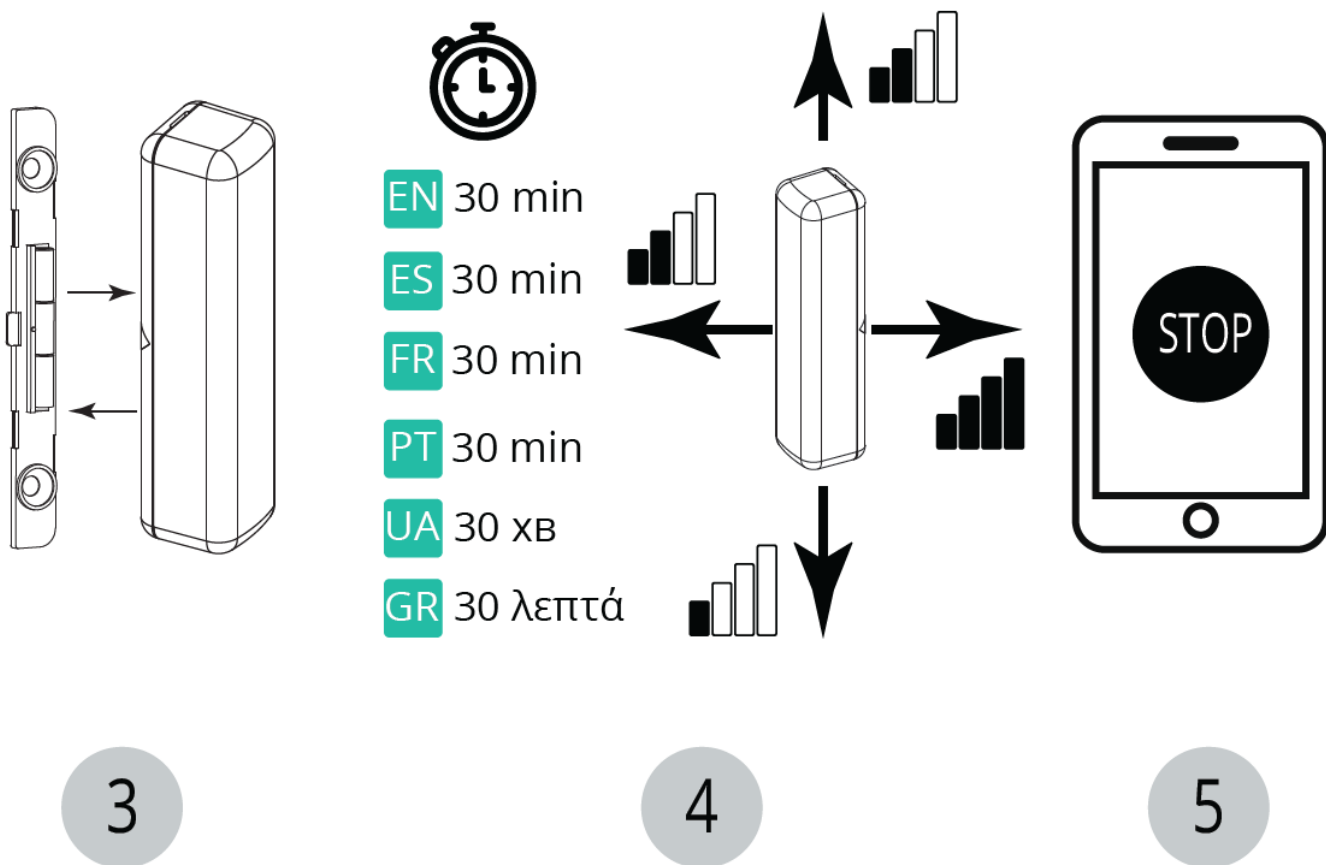
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RANGE TEST FOR OPTIMAL INSTALLATION LOCATION

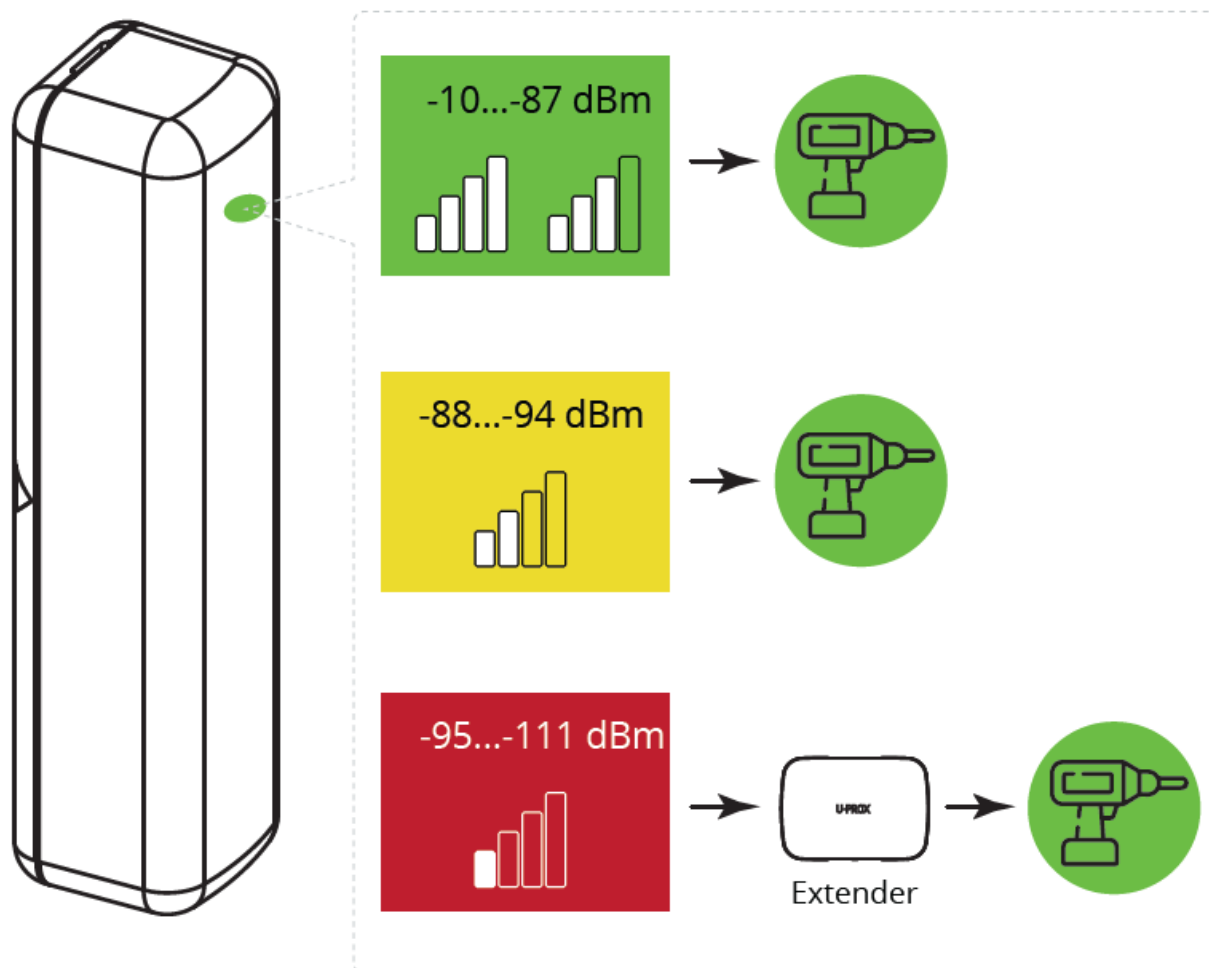


Due to Grade 2 requirement RF link works with reduction of power in 8 dB

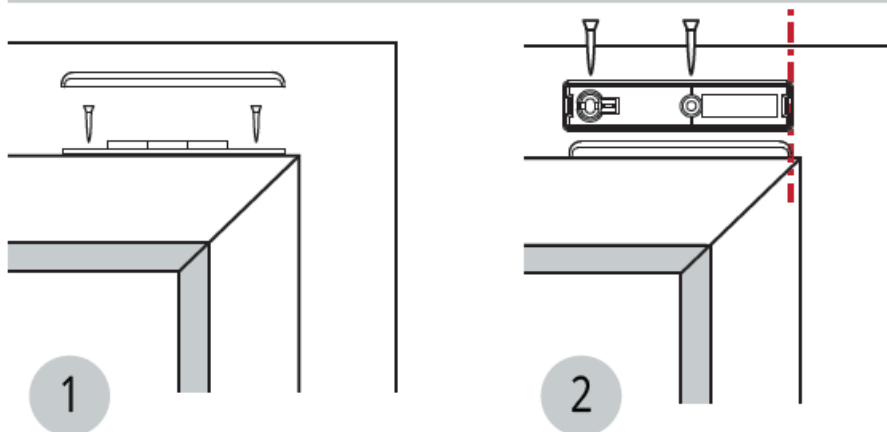
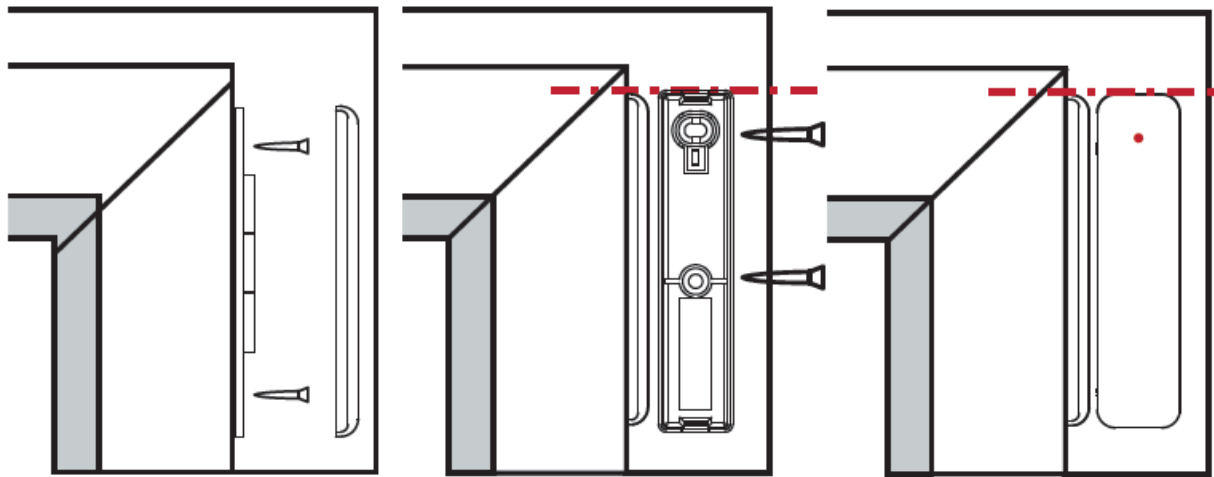




INDICATION IN RANGE TEST MODE

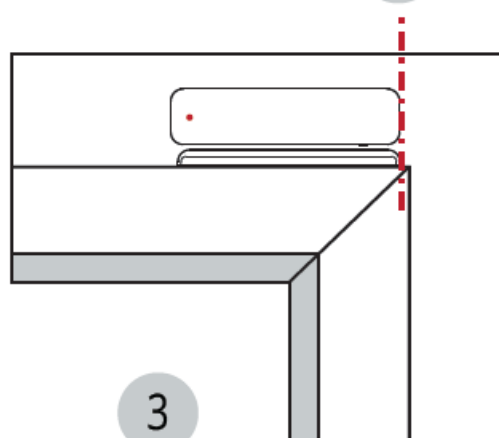


INSTALLATION



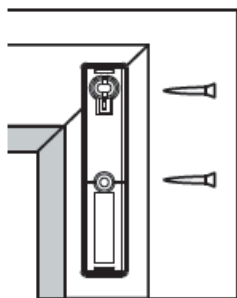
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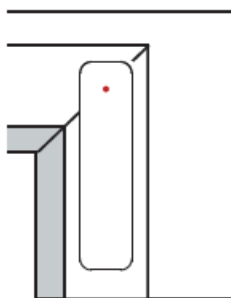


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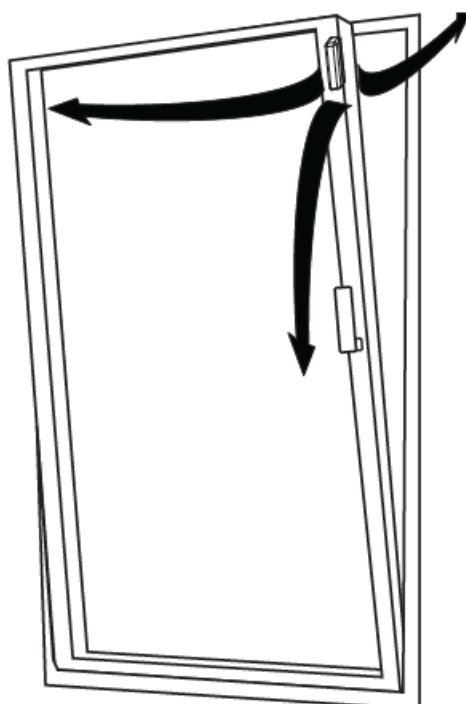




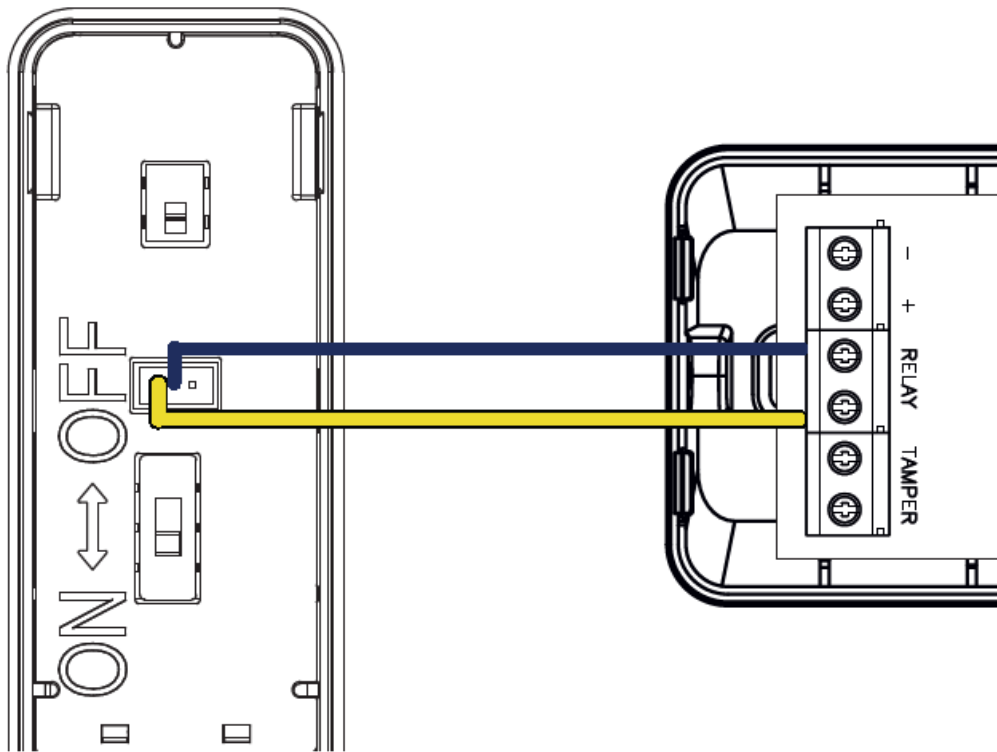
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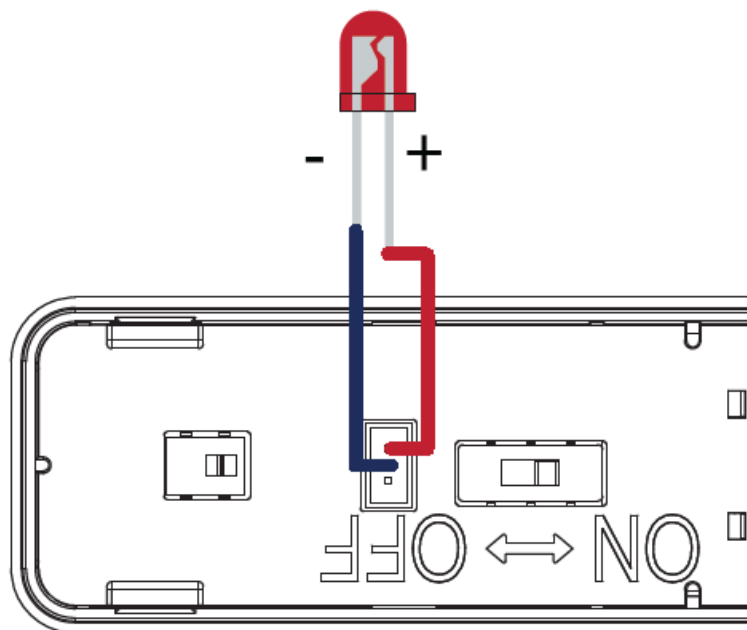
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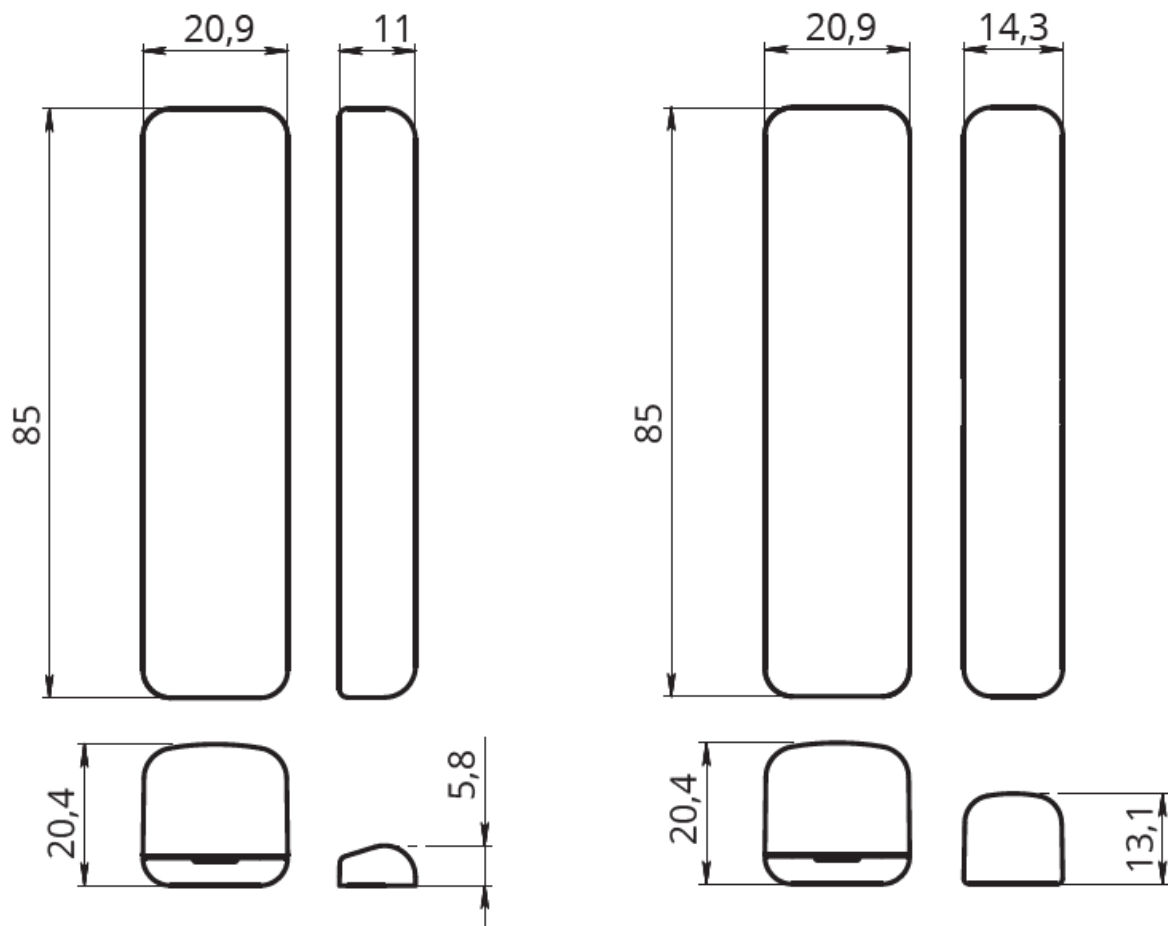
AN EXTERNAL SENSOR CONNECTION



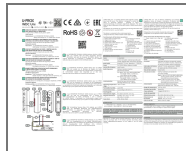
AN EXTERNAL LED CONNECTION



MAGNETS



Documents / Resources



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WDC Uni, WDC Uni Wireless Magnetic Door Window Contact, Wireless Magnetic Door Window Contact, Magnetic Door Window Contact, Door Window Contact, Window Contact

References

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[Manuals+.](#) [Privacy Policy](#)

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