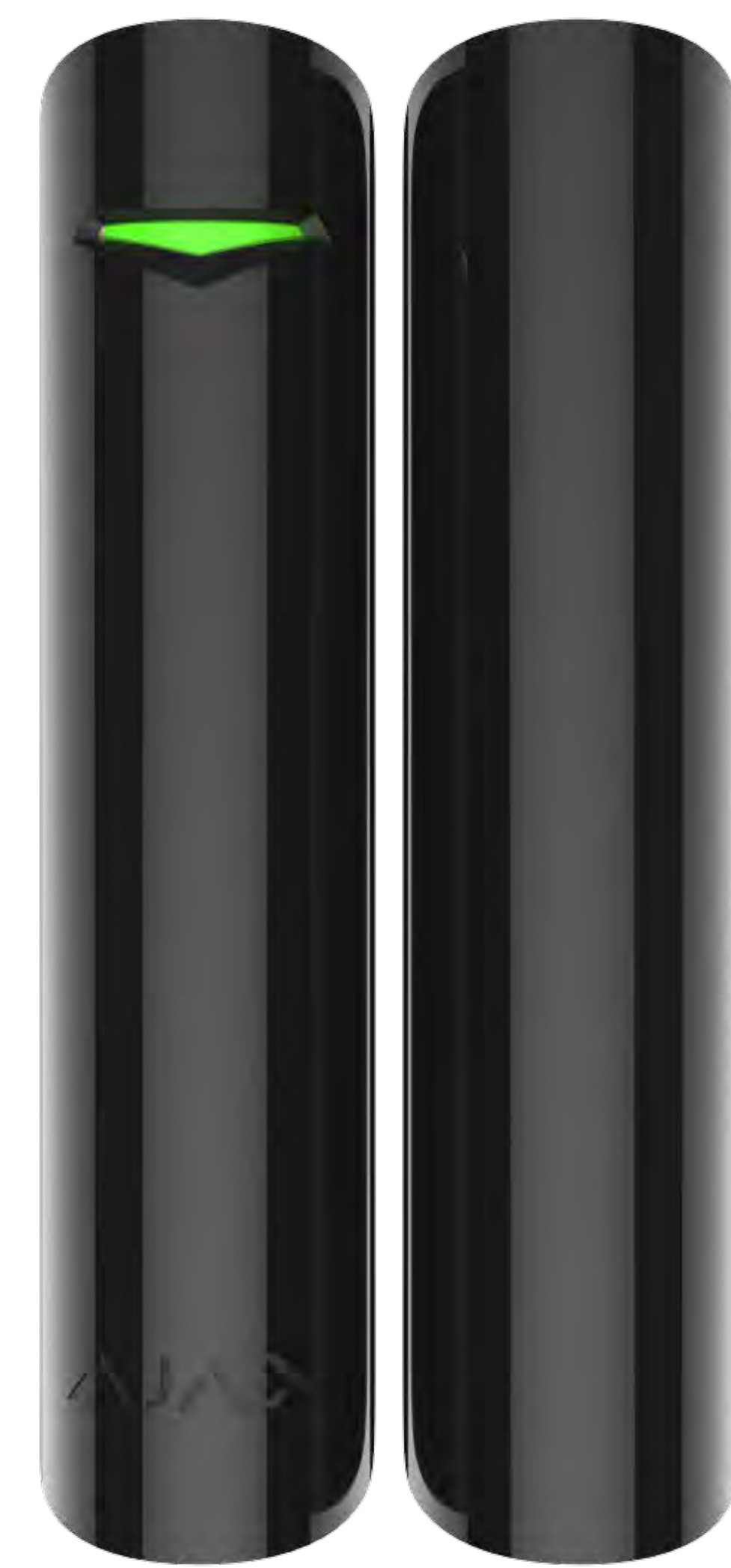




Baseline product line

DoorProtect Plus Jeweller

Wireless combined opening, shock, and tilt detector with reed switch and accelerometer



2
GRADE
EN 50131

PD 6662
2017

UL®
LISTED

>< Beyond opening detection

- Reed switch detects opening
- Built-in accelerometer detects shock, vibration, and tilt
- Detector features protection against chattering and an option to ignore single impacts, preventing false alarms
- Three sensitivity levels of the shock sensor are adjustable in Ajax apps

🔒 Jeweller communication technology

- Up to 1,200 m of radio communication in an open space
- Data encryption throughout the transmission process
- Regular polling to display the current device state
- Frequency hopping to prevent radio interference and jamming

📱 Quick installation and setup

- Pairing with a hub via QR code
- Remote control and configuration in Ajax apps
- Up to 5 years of operation with a pre-installed battery
- Installation and replacement without the need to open the enclosure

🔌 Additional features

- Terminals for connecting a third-party NC detector
- Chime feature: Ajax sirens notify users about door openings with a special sound
- Two magnets¹ in the kit provide more installation options

🔒 Sabotage resistance

- Tamper alarm
- Device authentication to prevent spoofing



Superior, Fibra, and Baseline product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compliance EN 50131 (Grade 2) PD 6662:2017 UL 634, ULC/ORD-C634	Compatibility Hubs Hub (2G) Jeweller Hub (4G) Jeweller Hub 2 (2G) Jeweller Hub 2 (4G) Jeweller Hub 2 Plus Jeweller Hub Hybrid (2G) Hub Hybrid (4G) Range extenders ReX Jeweller ReX 2 Jeweller	Communication with a hub Jeweller communication technology Frequency bands 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region Communication range up to 1,200 m In an open space Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app Protection against spoofing Device authentication	Detection Sensitive elements 1 × reed switch 1 × accelerometer Shock sensor sensitivity 3 levels Adjusted by a PRO or a user with admin rights in the Ajax app Option to ignore single impacts Enabled by a PRO or a user with admin rights in the Ajax app Tilt sensor activation threshold from 5° to 25° Adjusted by a PRO or a user with admin rights in the Ajax app Third-party detector connection wired detector with the normally closed (NC) contact type
Power supply Battery 1 × CR123A Pre-installed Battery life up to 5 years	Installation Operating temperature range from –10 °C to +40 °C Operating humidity up to 75% Protection class IP50	Enclosure Color black, white Dimensions 20 × 90 mm Dimensions of the detector enclosure Weight 29 g	Complete set DoorProtect Plus Jeweller 2 magnets (small and large) 1 × CR123A battery (pre-installed) SmartBracket mounting panel Terminals for connecting NC detector Installation kit Quick start guide

¹ The large magnet is effective at a distance of up to 2 cm, and the small magnet is effective at a distance of up to 1 cm.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/doorprotectplus/

- ✉ support@ajax.systems
- 📧 @AjaxSystemsSupport_Bot
- 🌐 ajax.systems