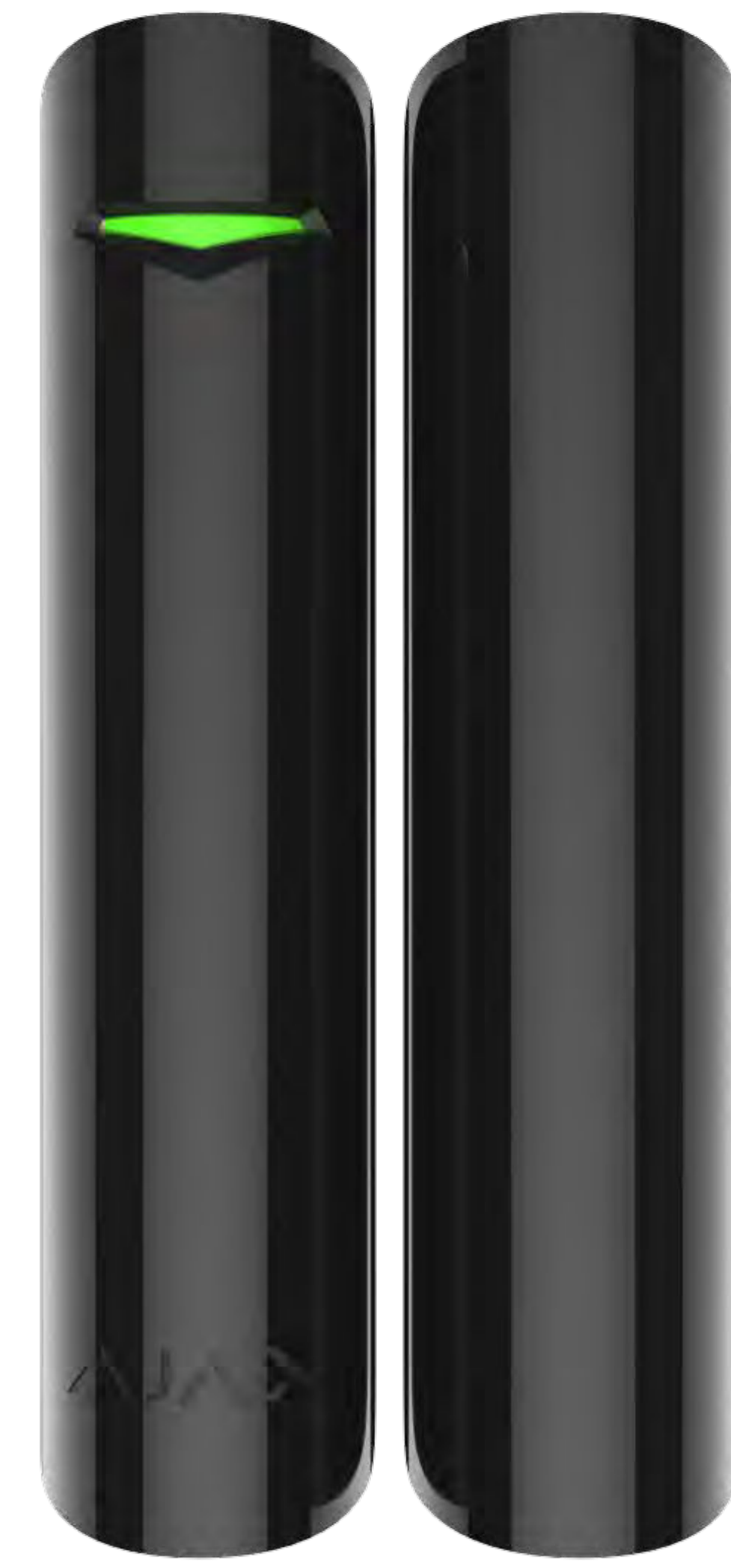




Baseline product line

DoorProtect Plus Jeweller

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



2
GRADE
EN 50131

PD 6662
2017

UL®
LISTED

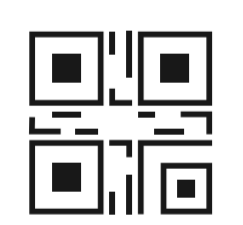
>< Beyond opening detection

- 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



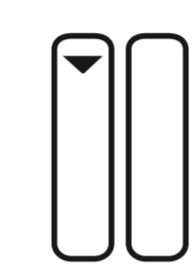
Jeweller communication technology

- 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.

| | | | |
|--|--|--|---|
| <p>Compliance</p> <p>EN 50131 (Grade 2) PD 6662:2017 UL 634, ULC/ORD-C634</p> | <p>Compatibility</p> <p>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)</p> <p>Range extenders ReX Jeweller ReX 2 Jeweller</p> | <p>Communication with a hub</p> <p>Jeweller communication technology</p> <p>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</p> <p>Communication range up to 1,200 m In an open space</p> <p>Polling interval 12–300 s Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Protection against spoofing Device authentication</p> | <p>Detection</p> <p>Sensitive elements 1 × reed switch 1 × accelerometer</p> <p>Shock sensor sensitivity 3 levels Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Option to ignore single impacts Enabled by a PRO or a user with admin rights in the Ajax app</p> <p>Tilt sensor activation threshold from 5° to 25° Adjusted by a PRO or a user with admin rights in the Ajax app</p> <p>Third-party detector connection wired detector with the normally closed (NC) contact type</p> |
| <p>Power supply</p> <p>Battery 1 × CR123A Pre-installed</p> <p>Battery life up to 5 years</p> | <p>Installation</p> <p>Operating temperature range from –10 °C to +40 °C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p> | <p>Enclosure</p> <p>Color black, white</p> <p>Dimensions 20 × 90 mm Dimensions of the detector enclosure</p> <p>Weight 29 g</p> | <p>Complete set</p> <p>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</p> |

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