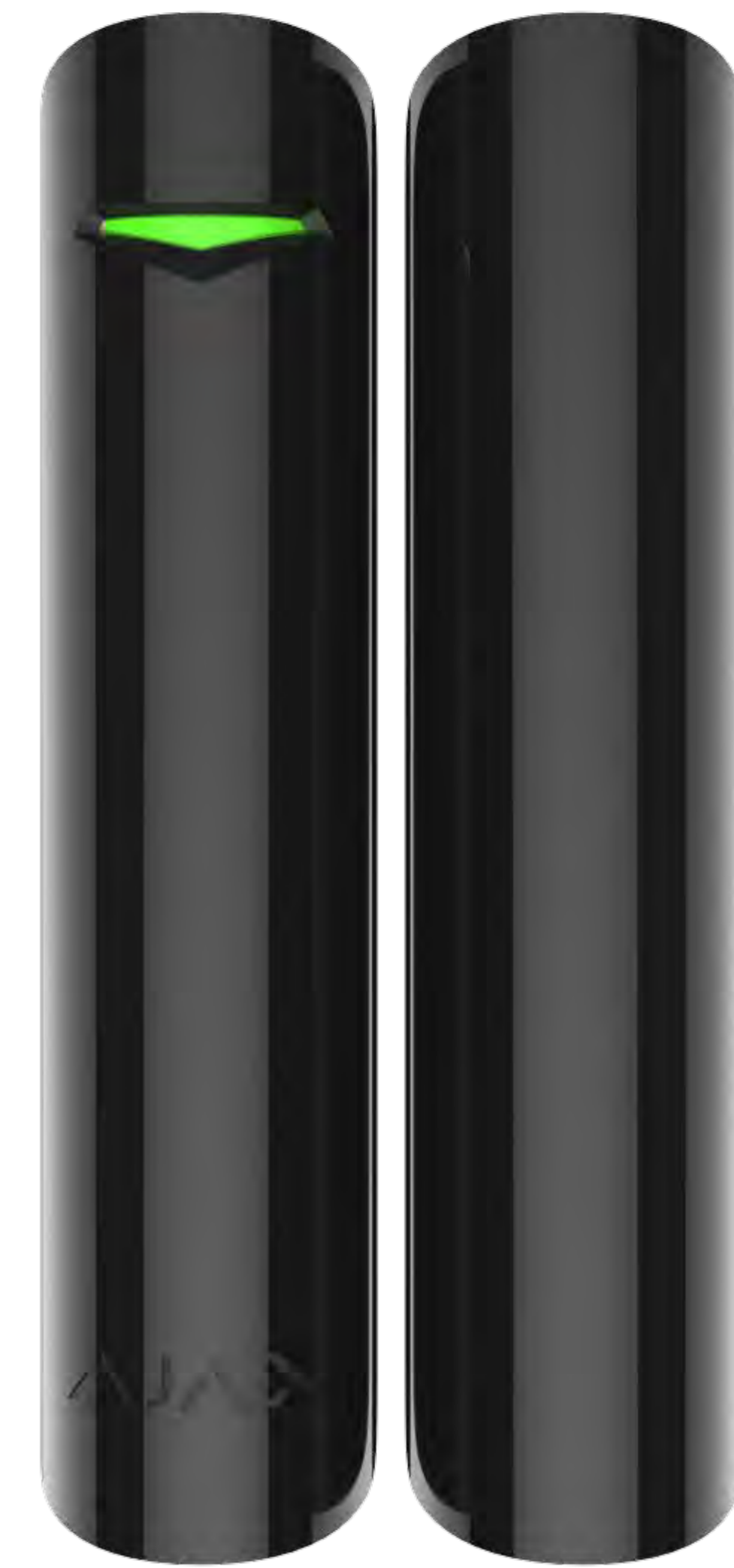


Baseline product line

## DoorProtect Plus Jeweller

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



2  
GRADE  
EN 50131

PD 6662  
2017

UL®  
LISTED

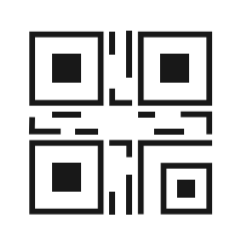
### >< Beyond opening detection

- 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



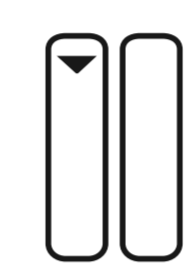
### Jeweller communication technology

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

<sup>1</sup> 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/](https://ajax.systems/support/devices/doorprotectplus/)

-  support@ajax.systems
-  @AjaxSystemsSupport\_Bot
-  ajax.systems