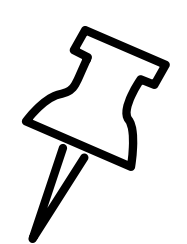


DoorProtect Jeweller

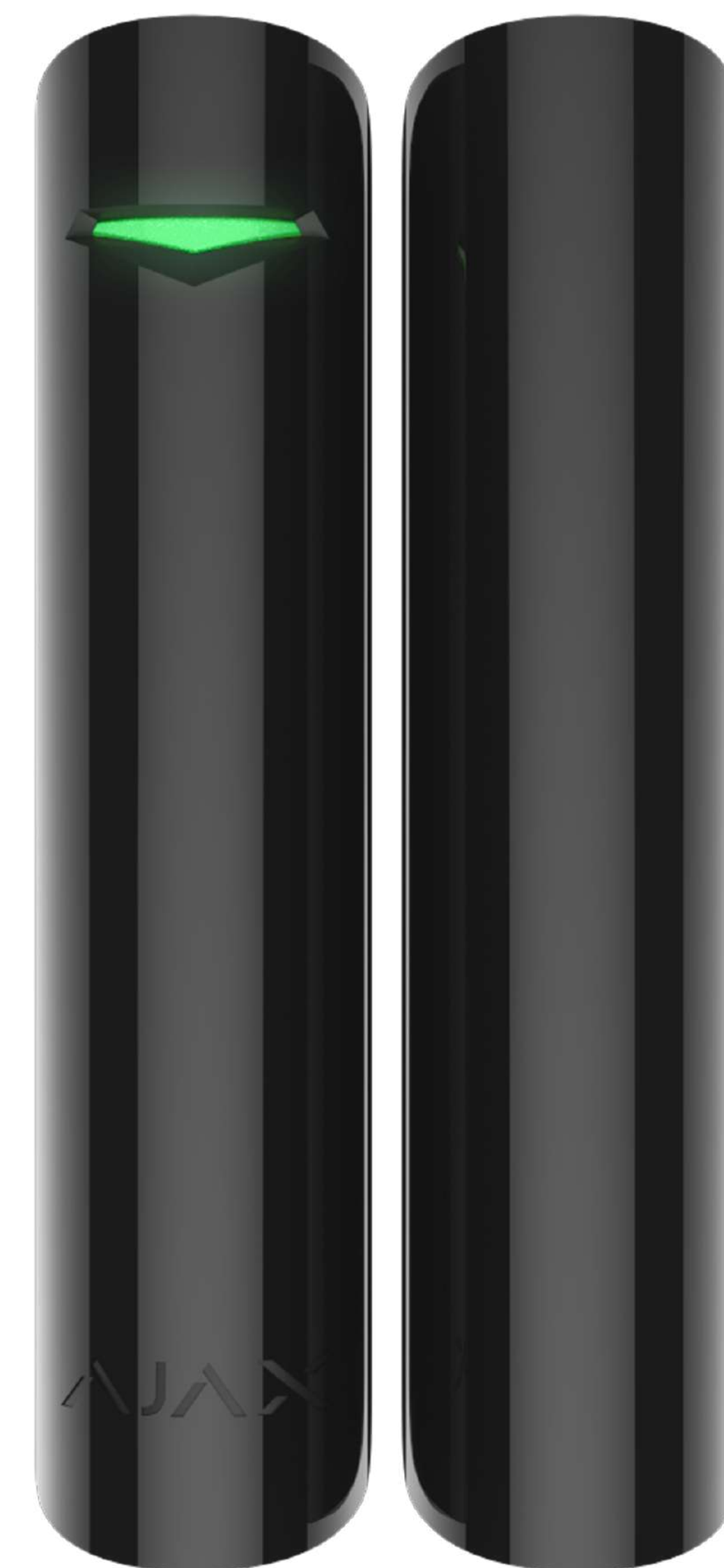
Wireless indoor opening detector



An Ajax hub is required for operation.
Find the detailed information on the
device at the link:



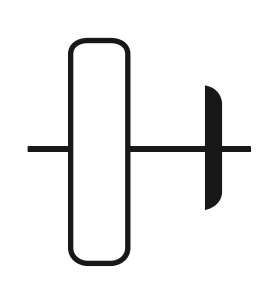
<https://ajax.systems/support/devices/doorprotect/>



2
GRADE
EN 50131

PD 6662
2017

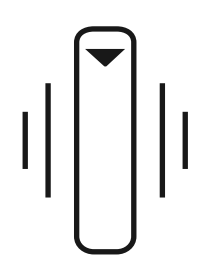
Key features



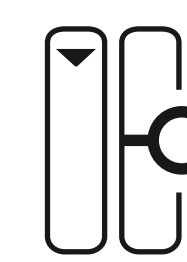
More installation options with two
magnets of different size



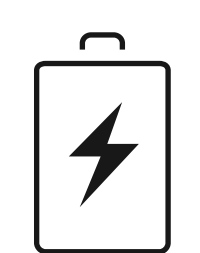
The reed switch with a resource
of 2,000,000 openings



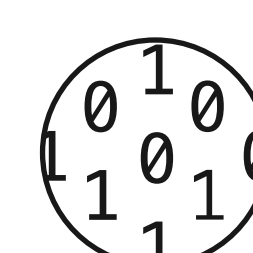
Protected against reed switch
chattering



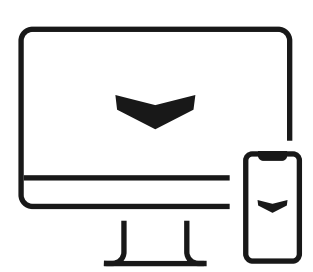
Additional NC input for connecting a
third-party detector



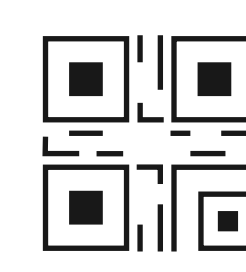
Up to 7 years of operation on pre-
installed battery



Up to 1,200 m of two-way encrypted
wireless communication



Remote control and setup via the app



Pairing via QR code

Jeweller communication technology

Jeweller is a **two-way wireless protocol** that provides fast and reliable communication between hubs and devices. The protocol delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Jeweller features **encryption** and **authentication** to prevent forgery, and **polling** to display devices' status in real time. Supporting **up to 1,200 m** of wireless connectivity, Jeweller is ready to protect facilities and deliver **the best user experience** for both end users and installers.

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017	Compatibility	Hubs all Ajax hubs Range extenders all Ajax radio signal range extenders
Communication with control panel and range extenders	 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 region of sales Maximum effective radiated power (ERP) ≤ 20 mW Communication range up to 1,200 m In an open space Polling interval 12–300 sec Adjusted by PRO or user with admin rights in the Ajax app Protection against forgery Device authentication	Detection	Sensing element 1 × reed switch Opening sensors resource 2,000,000 openings Third-party detector connection wired detector with the normally closed (NC) contact type

Power supply	1 × CR123A, 3 V Pre-installed up to 7 years of battery life	Installation	Operating temperature range from −10°C to +40°C Operating humidity up to 75% Ingress protection IP50
Enclosure	Colours white, black Dimensions Ø 20 × 90 mm Weight 29 g Tampering alarm	Complete set	DoorProtect Jeweller 2 magnets (small and large) 1 × CR123A (pre-installed) SmartBracket Installation kit External contact for NC detector Quick Start Guide