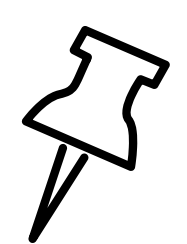


DoorProtect Jeweller

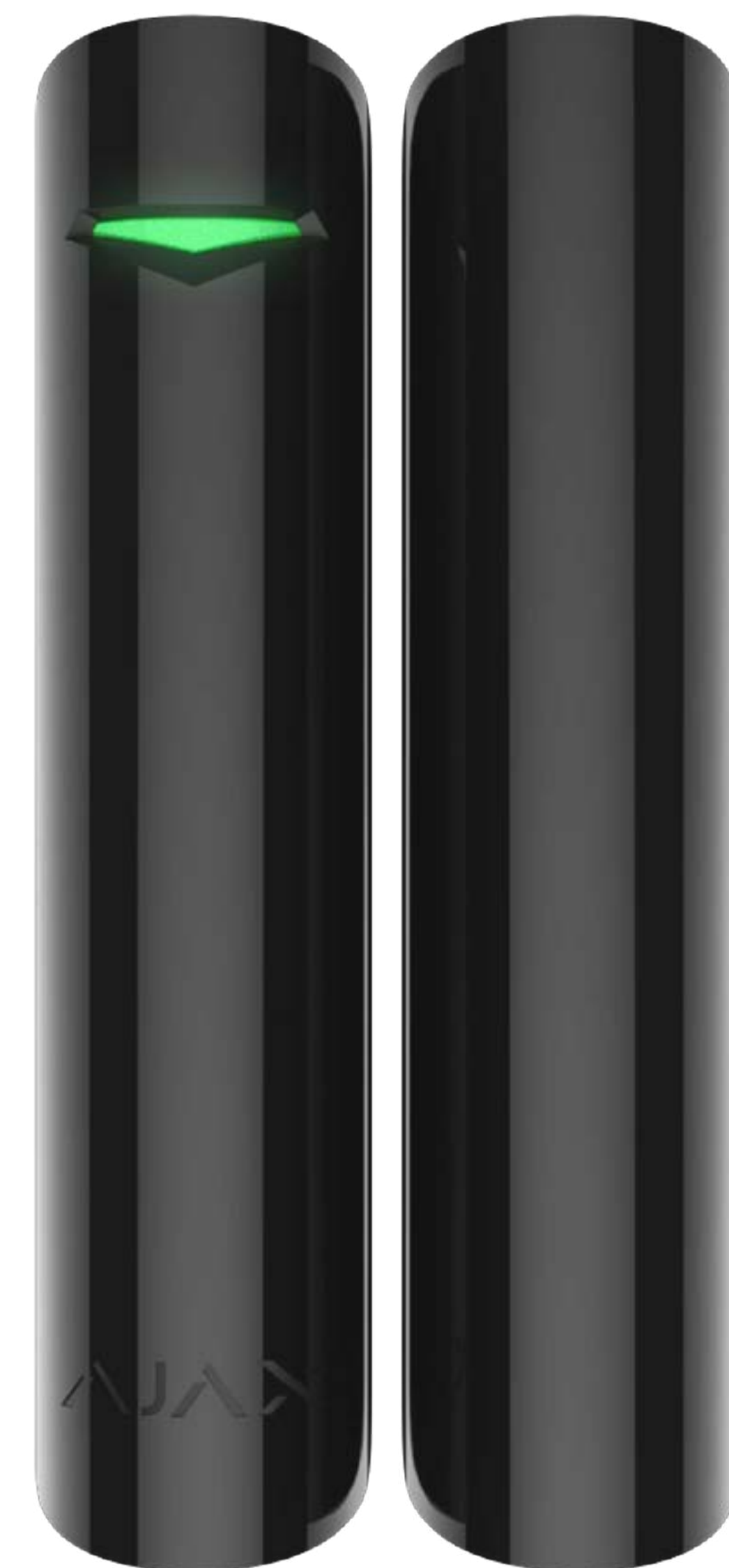
Wireless indoor opening detector



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



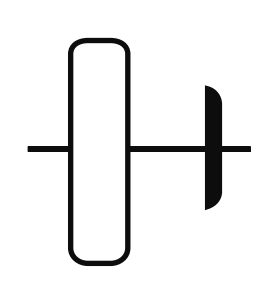
<https://ajax.systems/support/devices/doorprotect/>



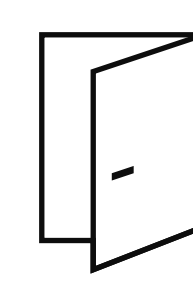
2
GRADE
EN 50131

PD 6662
2017

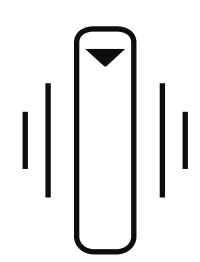
Key features



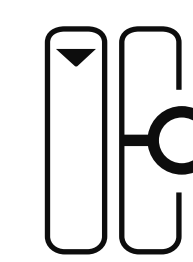
More installation options with two
magnets of different size



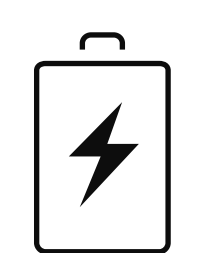
The reed switch with a resource
of 2,000,000 openings



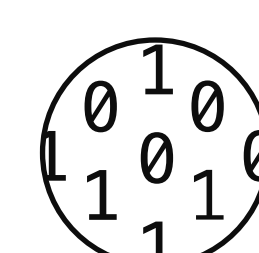
Protected against reed switch
chattering



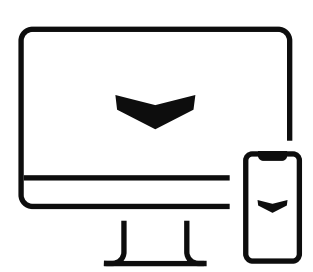
Additional NC input for connecting a
third-party detector



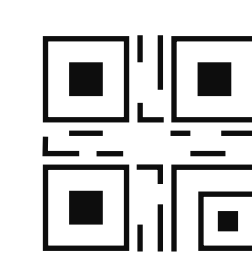
Up to 7 years of operation on pre-
installed battery



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