

Ajax Superior DoorProtect G3 Jeweller

Wireless reed-switch opening detector with shock, tilt, and masking sensors



This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.



>< Reliable detection

- Two reed switches to detect doors or windows being opened
- Accelerometer to detect impacts, vibrations, and changes in the tilt angle
- Plastic reed switches for more durable performance compared to glass alternatives
- Adjustable alarm parameters for shock and tilt sensors to ensure accurate detection



Superior Jeweller and Wings communication technologies

- Up to 3,500 m (11,450 ft) of radio communication² in open space
- Enhanced data encryption
- Regular polling to display current device state
- Device authentication to prevent spoofing
- Over-the-air firmware updates



Sabotage resistance

- Advanced anti-masking system compliant with Grade 3 requirements
- Holding screw for securing the detector and magnet on SmartBracket
- Tamper alarm on dismantling or detachment
- Frequency hopping for radio interference and jamming protection
- Communication loss detection³ within 36 s



Additional features

- Additional NC input for connecting a third-party detector
- Protection against reed switch chattering to prevent false alarms
- Chime¹ feature: Ajax sirens make a special sound when someone opens the door



System supervision

- Low battery notifications and status display in Ajax apps
- Automatic device self-diagnosis with state report generation
- Regular sensor performance check
- Notifications in case of malfunctions



Easy installation and setup

- Adding to the system via a QR code
- SmartBracket mounting panel for installation without enclosure disassembly
- Remote control and configuration in mobile and desktop Ajax apps
- Installation kit with all necessary fasteners
- Up to 4 years of operation on enhanced pre-installed batteries

<p>Compliance with standards</p> <p>EN 50131 (Grade 3) PD 6662:2017 NFA2P</p>	<p>Compatibility with hubs and range extenders</p> <p>For detailed information, scan the QR code or follow the link:</p>  <p>ajax.systems/tools/devices-compatibility/?models=DP.G3.J</p>	<p>Communication with a hub or range extender</p> <p>Wings communication technology</p> <p>Frequency bands 865.0–868.0 MHz 868.0–868.6 MHz 868.7–869.2 MHz 869.4–869.65 MHz The device supports all listed bands</p> <p>Communication range² up to 2,000 m up to 6,550 ft In open space</p> <p>Superior Jeweller communication technology</p> <p>Frequency bands 865.0–868.0 MHz 868.0–868.6 MHz 868.7–869.2 MHz 869.4–869.65 MHz The device supports all listed bands</p> <p>Communication range² up to 3,000 m up to 9,800 ft In open space</p> <p>Over-the-air firmware updates</p>	<p>Opening detection</p> <p>Sensitive elements 2 reed switches 1 accelerometer 1 magnetometer</p> <p>Shock sensor sensitivity 3 levels Adjusted by a PRO or user with admin rights in the Ajax app</p> <p>Tilt sensor activation threshold from 5° to 25° Adjusted by a PRO or user with admin rights in the Ajax app</p> <p>Magnetometer sensitivity 3 levels Adjusted by a PRO or user with admin rights in the Ajax app</p> <p>Magnet spoofing detection</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 4 years</p>	<p>Installation</p> <p>Operating temperature range from -10 °C to +40 °C from 14 °F to 104 °F</p> <p>Operating humidity up to 75%</p>	<p>Enclosure</p> <p>Color white, black</p> <p>Dimensions 103 × 22 × 21 mm 4.06" × 0.87" × 0.83"</p> <p>Weight 39 g 1.38 oz</p> <p>Protection class IP30</p>	<p>Complete set</p> <p>Ajax Superior DoorProtect G3 Jeweller SmartBracket mounting panel CR123A battery (pre-installed) Magnet Connector for a third-party detector Installation kit Quick start guide</p>

¹ The Chime feature requires the [indoor or outdoor siren](#) or [keypad](#) with a buzzer.

² Communication range depends on the [hub model](#).

³ If the polling interval is set to send three data packets as often as 12 seconds.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-doorprotect-g3-jeweller/

✉ support@ajax.systems
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