

# Superior DoorProtect G3 Fibra

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

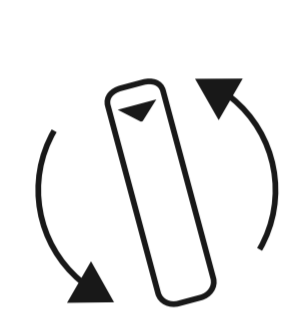
This is the device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and administer Superior products.



3  
GRADE  
EN 50131

PD 6662  
2017

INCERT



## Multiple opportunities in one device

- Two reed switches to detect doors or windows being opened
- Accelerometer to detect impacts, vibrations, and changes in the tilt angle



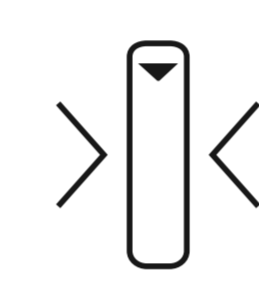
## Additional features

- Additional NC input for connecting a third-party detector
- Chime feature: Ajax sirens make a special sound when someone opens the door



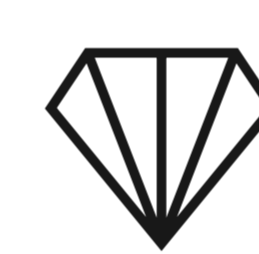
## Sabotage resistance

- Two tampers
- Magnet spoofing detection
- Device authentication to prevent spoofing
- Holding screw to secure the device



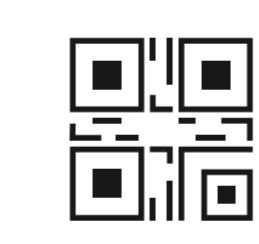
## Reliable detection

- Plastic reed switches: more durable than the glass ones
- Shock and tilt sensors are configured in the app




## Fibra communication technology

- Up to 2,000 m (6,550 ft) of wired communication
- Data is encrypted throughout the transmission process
- Regular polling to display the current device state
- Energy consumption of up to 35 mW



## Quick installation and setup




- Plastic spacers for mounting the magnet and detector at one level or on metal surfaces
- Pairing with a hub via automatic line scanning or QR code
- Remote control and configuration in the app
- Effortless installation and replacement

<p><b>Compliance</b></p> <p>EN 50131 (Grade 3) PD 6662:2017 INCERT</p>	<p><b>Compatibility with hubs</b></p>  <p>For detailed information, scan the QR code or follow the link: <a href="https://ajax.systems/tools/devices-compatibility/?models=DP.G3.F">ajax.systems/tools/devices-compatibility/?models=DP.G3.F</a></p>	<p><b>Communication with a hub</b></p> <p><b>Fibra communication technology</b></p> <p><b>Wired connection</b> U/UTP cat.5 4×2×0.51 (24 AWG) cable, copper conductor</p> <p>4×0.22 mm<sup>2</sup> signal cable, copper conductor</p> <p><b>Communication range</b> up to 2,000 m up to 6,550 ft With a U/UTP cat.5 4×2×0.51 (24 AWG) cable</p> <p><b>Protocol features</b> Two-way communication Protection against sabotage Instant notifications Remote configuring in Ajax apps</p> <p><b>Polling interval</b> 12–300 s Adjusted by PRO or user with admin rights in Ajax apps</p>	<p><b>Opening detection</b></p> <p><b>Sensitive elements</b> 2 reed switches 1 accelerometer 1 magnetometer</p> <p><b>Shock sensor sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in Ajax apps</p> <p><b>Tilt sensor activation threshold</b> from 5° to 25° Adjusted by PRO or user with admin rights in Ajax apps</p> <p><b>Magnetometer sensitivity</b> 3 levels Adjusted by PRO or user with admin rights in Ajax apps</p> <p><b>Magnet spoofing detection</b></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>Main power supply</b> 24 V<sup>DC</sup>, up to 35 mW From the Fibra line</p>	<p><b>Installation</b></p> <p><b>Operating temperature range</b> from -10°C to +40°C from 14°F to 104°F</p> <p><b>Operating humidity</b> up to 75%</p>	<p><b>Enclosure</b></p> <p><b>Color</b> white, black</p> <p><b>Dimensions</b> 19.2 × 21 × 102 mm 0.76" × 0.83" × 4.02"</p> <p><b>Weight</b> 62 g 2.19 oz</p>	<p><b>Complete set</b></p> <p>Superior DoorProtect G3 Fibra Magnet</p> <p>2 spacers</p> <p>Installation kit</p> <p>2-wire connector for third-party NC detector</p> <p>Quick start guide</p>



For detailed information, scan the QR code or follow the link:

[ajax.systems/support/devices/superior-doorprotect-g3-fibra](https://ajax.systems/support/devices/superior-doorprotect-g3-fibra)

-  [support@ajax.systems](mailto:support@ajax.systems)
-  [@AjaxSystemsSupport\\_Bot](https://twitter.com/AjaxSystemsSupport_Bot)
-  [ajax.systems](https://www.ajax.systems)