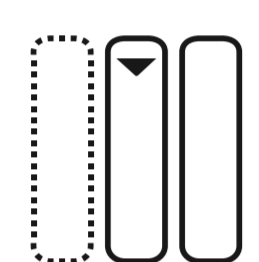


# Superior DoorProtect Plus Fibra

Wired reed-switch opening detector  
with shock and tilt sensors

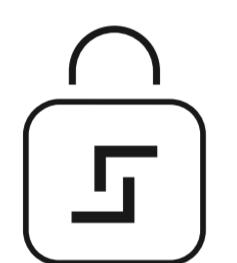


This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.



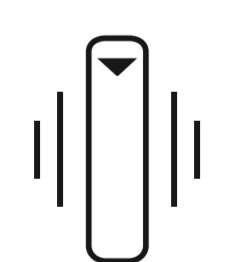
## Reliable detection

- Two reed switches to detect a door or window being opened
- Plastic reed switches for durable performance
- Accelerometer for impact, vibration, and tilt angle change detection
- Shock and tilt sensors adjusted via the Ajax app



## Sabotage resistance

- Holding screws to secure the detector and the big magnet
- Two tamper buttons: one is triggered by device detachment from a surface, and the other reacts to a front panel removal
- Short circuit protection
- Connection loss detection



## Additional features

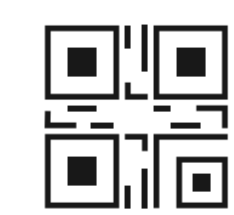
- Extra NC input to connect a third-party detector
- Protection against contact chatter to prevent false alarms
- Two magnets, big and small, to support various installation scenarios
- Chime feature: Ajax sirens make a special sound to inform of visitors when the system is disarmed



## Fibra


communication technology

- Up to 2,000 m (6,550 ft) of two-way wired communication
- Polling to regularly check and display the real-time status of each device
- Device authentication to prevent spoofing
- Data encryption






## Fast installation and setup

- Adding to a hub via automatic line scanning or QR code
- Remote control and configuration via Ajax apps
- Instant notifications of malfunction or connection loss sent to PROs and users

<p><b>Compliance with standards</b></p> <p>EN 50131 (Grade 2)  PD 6662:2017  INCERT  SSF  NFA2P</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.P.F">ajax.systems/tools/devices-compatibility/?models=DP.P.F</a></p>	<p><b>Communication with a hub</b></p> <p>Fibra communication technology</p> <p><b>Wired connection</b>  U/UTP cat.5 4x2x0.51 mm (24 AWG) cable, copper conductor</p> <p>4x0.22 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 U/UTP cat.5 4x2x0.51 mm (24 AWG) cable</p>	<p><b>Detection</b></p> <p><b>Sensitive element</b>  1 × accelerometer  2 × reed switch</p> <p><b>Shock sensor sensitivity</b>  3 levels  Adjusted by a PRO or 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 user with admin rights in the Ajax app</p> <p><b>Option to ignore single shock</b>  Adjusted by a PRO or user with admin rights in the Ajax app</p> <p><b>Additional 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>  5–30 V<sup>==</sup>, up to 147 mW</p> <p>The device is powered by the hub or Superior LineSupply Fibra</p>	<p><b>Installation</b></p> <p><b>Operating temperature</b>  –10 °C to +40 °C  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>  90.5 × 21 × 18.5 mm  3.56" × 0.85" × 0.73"</p> <p><b>Weight of the white model</b>  17 g  0.6 oz</p> <p><b>Weight of the black model</b>  15 g  0.53 oz</p> <p><b>Protection class</b>  IP50, IK04</p>	<p><b>Complete set</b></p> <p>Superior DoorProtect Plus Fibra  Big magnet  Small magnet  Installation kit  Quick start guide</p>



For detailed information, scan the QR code or follow the link:  
[ajax.systems/support/devices/superior-doorprotect-plus-fibra/](https://ajax.systems/support/devices/superior-doorprotect-plus-fibra/)

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