SUPERIOR Product line

# Superior DoorProtect Plus Jeweller

Wireless reed-switch opening detector
with shock and tilt sensors

2 GRADE EN 50131 | PD 6662 2017 | INCERT | SSF | NFA2P

| BASELINE<br>DoorProtect Plus Jeweller | SUPERIOR<br>Superior DoorProtect Plus Jeweller |
|---|---|
| 1 reed switch | **2 reed switches** |
| SmartBracket mounting panel without a holding screw | **SmartBracket mounting panel with a holding screw** |
| Regular battery | **Enhanced battery** |
| Glossy enclosure | **Matte enclosure** |
| Available for all PROs | **Available only for accredited partners** |

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

## 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

## Reliable detection

- Equipped with 2 reed switches and 2 magnets of different sizes
- Plastic reed switches: more durable than the glass ones
- Shock and tilt sensors are configured in the app

## Additional features

- Connector for a third-party detector with NC (normally closed) contact
- Chime feature: Ajax sirens make a special sound when someone opens the door

## Jeweller

communication technology

- Up to 1,200 m (3,900 ft) of radio communication in an open space
- Data is encrypted throughout the transmission process

## Flawless autonomy

- Up to 5 years of battery life
- Low battery notifications
- Panasonic pre-installed battery

## Sabotage resistance

- Tamper alarm
- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket

## Quick installation and setup

- Pairing with a hub via QR code
- Remote control and configuration in the app
- Effortless installation and replacement

### Compliance with standards

EN 50131 (Grade 2)
PD 6662:2017
INCERT
SSF
NFA2P

### Compatibility with hubs and range extenders

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

ajax.systems/tools/devices-compatibility/?models=DP.SP.J

### Communication with a hub or range extender

**Jeweller communication technology**

**Frequency bands**
868.0–868.6 MHz

**Communication range**
up to 1,200 m
up to 3,900 ft
In an open space

### Detection

**Sensitive elements**
2 × reed switch
1 × accelerometer

**Shock sensor sensitivity**
3 levels
Adjusted by PRO or user with admin rights in the Ajax app

**Tilt sensor activation threshold**
from 5° to 25°
Adjusted by PRO or user with admin rights in the Ajax app

**Third-party detector connection**
detector with the normally closed (NC) contact type

### Power supply

**Battery**
1 × CR123A

**Battery life**
up to 5 years

### Installation

**Operating temperature range**
from –10°C to +40°C
from 14°F to 104°F

**Operating humidity**
up to 75%

**Protection class**
IP50

### Enclosure

**Color**
white, black

**Dimensions**
103 × 22 × 21 mm
4.06" × 0.87" × 0.83"

**Weight**
37 g
1.31 oz

### Complete set

Superior DoorProtect Plus Jeweller
2 magnets (small and big)
1 × CR123A battery (pre-installed)
SmartBracket with a holding screw
Installation kit
Outside-mounted terminal clamp
Quick start guide

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

**ajax.systems/support/devices/superior-doorprotect-plus-jeweller**

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