

GlassProtect Fibra

Wired indoor glass break detector.



2
GRADE
EN 50131

PD 6662
2017

INCERT

SSF



The device is compatible only with hubs supporting Fibra protocol. Find the detailed information via QR code or by the link:

<https://ajax.systems/support/devices/glassprotect-fibra/>

GlassProtect Fibra is the device of the new Fibra wired product line. Such devices can only be purchased, installed and administered by accredited Ajax Systems partners.

Up to 9 m glass break detection distance with 180° horizontal detection angle

Two-factor glass break verification algorithm: by low and high frequencies

Filter for false alarms caused by dogs barking or the sound of passing trucks

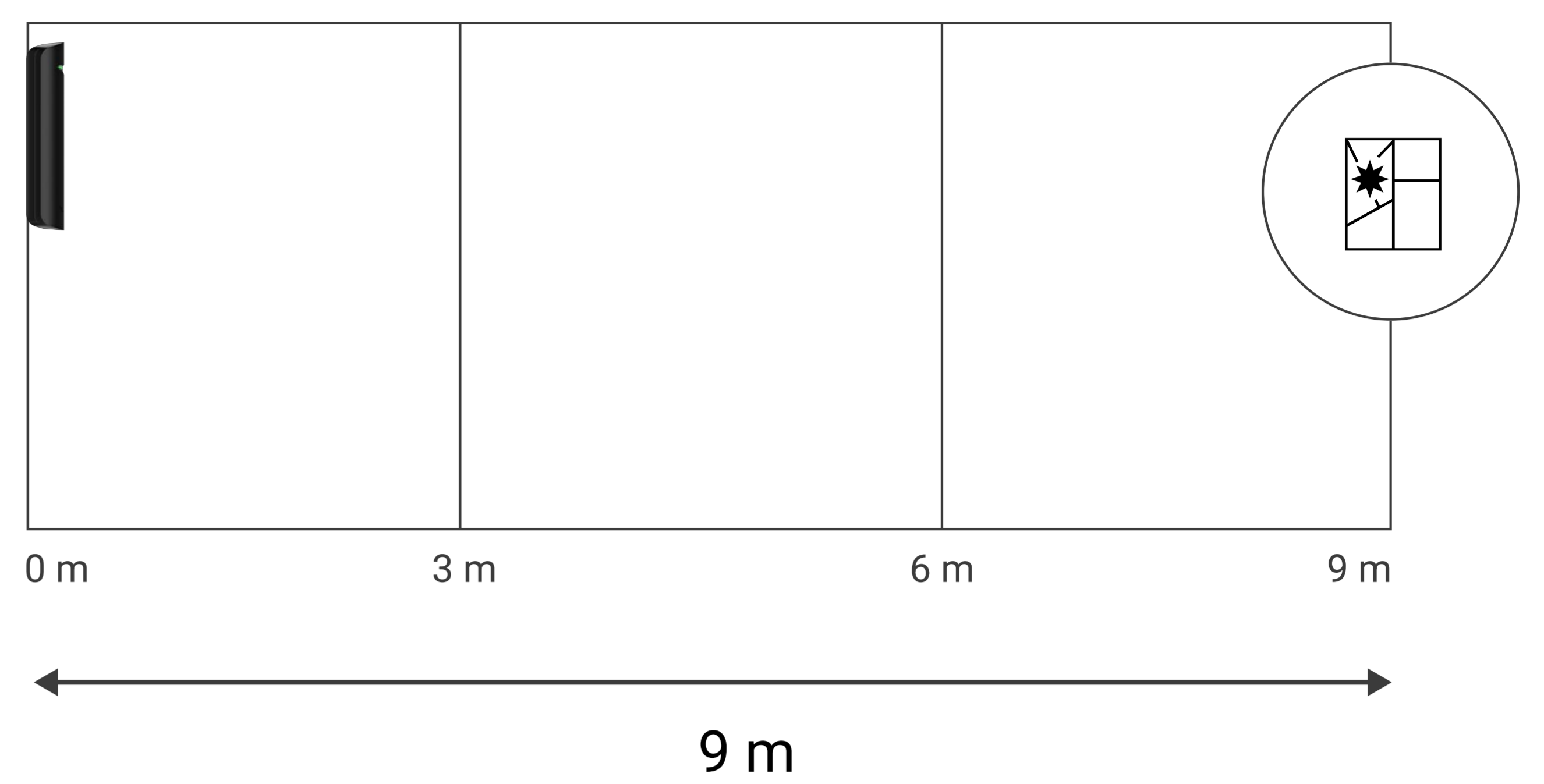
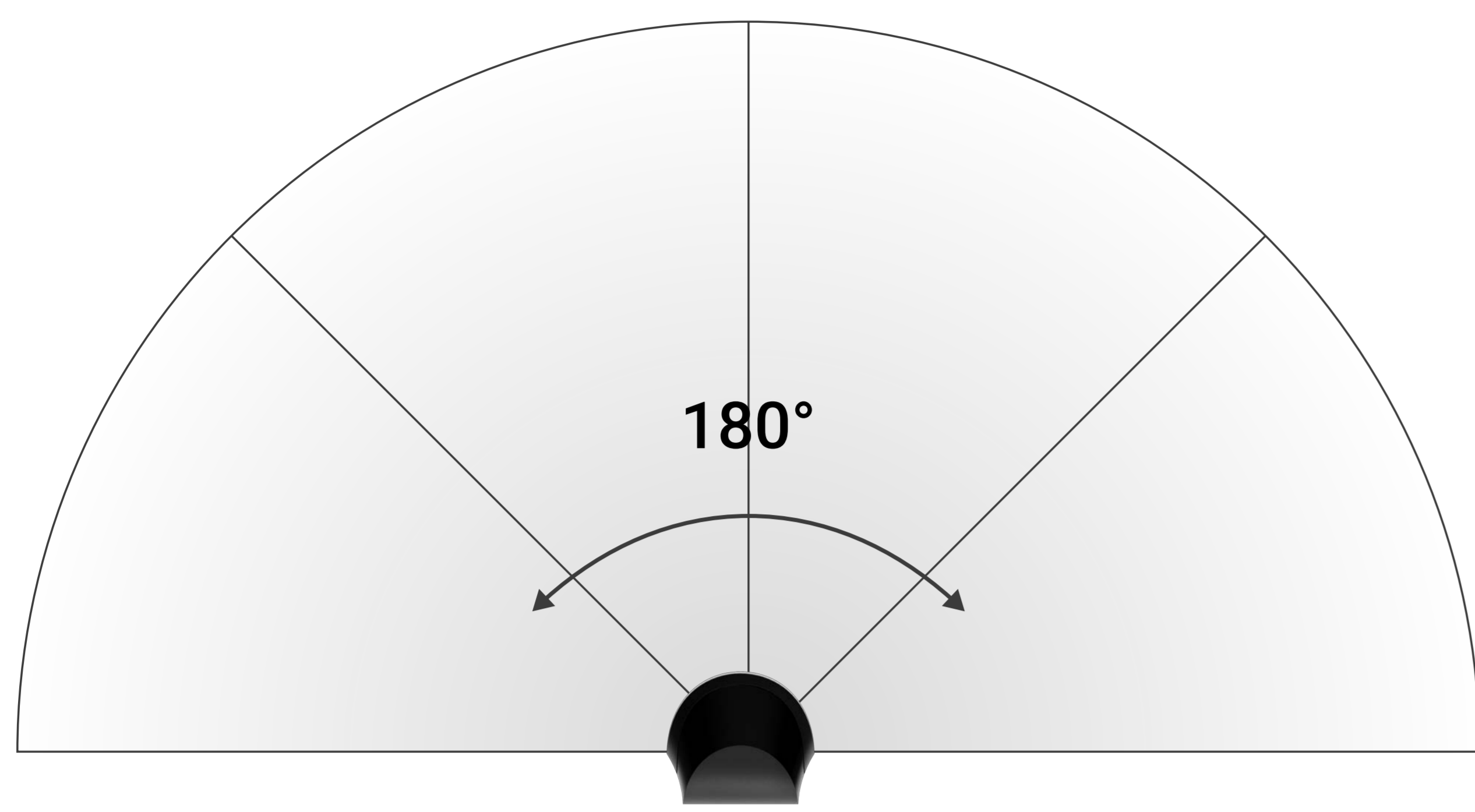
Additional input for connecting a third-party detector with the NC contact type



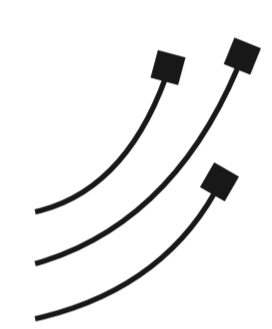
Fibra is a **two-way wired protocol**, ensuring fast and secure communication between hubs and devices. Based on a **bus connection method**, Fibra delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Fibra features **encryption** and **authentication** to prevent forgery, as well as **polling** to display device status in real time. Supporting **up to 2,000 m** of wired connectivity, Fibra is ready to protect any facilities, and deliver **the best user experience** for both end users and installers.

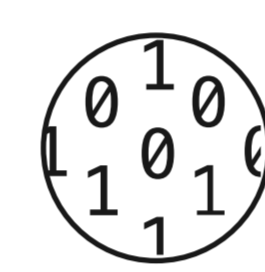
Glass break detection angle



System features



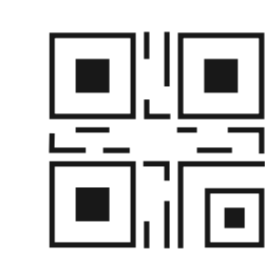
Connecting to the hub via bus method



Up to 2,000 m of two-way encrypted communication

12-300
sec

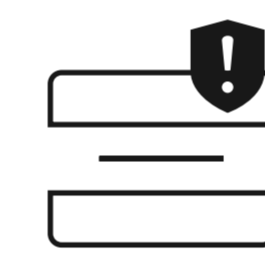
Adjustable polling interval



Adding to the security system via QR code or bus scanning

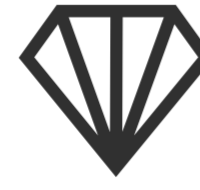


Remote configuring via the smartphone or desktop app



Tampering alarm notifications

Technical specifications

Compliance with standards	EN 50131 (Grade 2) PD 6662:2017 INCERT SSF	Compatibility	Hubs Hub Hybrid (2G) Hub Hybrid (4G) Range extenders no
Communication with control panel	 Fibra communication technology	Detection	Sensitive elements Electret microphone

<p>Communication with control panel</p>	<p>Communication range up to 2,000 m With U/UTP cat.5, 4×2×0.51 cable</p> <p>Polling interval 12–300 s Adjusted by PRO or user with admin rights in the Ajax app</p>	<p>Detection</p>	<p>Glass break detection distance up to 9 m</p> <p>Horizontal glass break detection angle 180°</p> <p>Sensitivity 3 levels Adjusted by PRO or user with admin rights in the Ajax app</p> <p>False alarm protection DualTone two-factor glass break verification algorithm</p> <p>Additional detector connection Wired detector with the NC contact type</p>
<p>Power supply</p>	<p>24 V_{DC}, up to 45 µA</p>	<p>Installation</p>	<p>Operating temperature range from –10°C to +40°C</p> <p>Operating humidity up to 75%</p> <p>Protection class IP50</p>
<p>Enclosure</p>	<p>Colour white, black</p> <p>Dimensions 90.5 × 21 × 18.5 mm</p> <p>Weight 20 g</p> <p>Tampering alarm</p>	<p>Complete set</p>	<p>GlassProtect Fibra Installation kit Quick start guide</p>