



Smart access control

The ABUS BUS-WLX module turns your Comfion Pro alarm system into a fully-fledged smart home access solution. With the extension, you can seamlessly integrate up to six electronic door cylinders or wall readers into your security system. Everything remains centralised, clear and controllable in a single app - without any additional user interfaces or complicated installations.

Security that thinks for you

With the BUS-WLX module, you not only control doors, but also the armed and disarmed status of your alarm system directly via the app. This allows you to unlock the door, enter your home and disarm the system at the same time - securely, intuitively and without operating errors. This noticeably reduces false alarms and ensures a relaxed feeling in everyday life.

Flexible access - at home and on the move

Manage locking authorisations for up to 50 users: Family, tradespersons or cleaning staff get exactly the access they need. You can also authorise access flexibly while on the move - ideal for deliveries or spontaneous visitors. Familiar functions such as time-controlled permanent access or fallback are already integrated.

Smart installation, strong performance

Up to two BUS-WLX modules can be connected directly to your ABUS Comfion Pro alarm panel. This creates a high degree of flexibility in planning and installation - perfect for new buildings, retrofitting or more complex smart home scenarios. At the same time, the system fulfils the EN Grade 2 security standard.

Comfion Pro BUS-WLX-module

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More convenience, less complexity

The BUS-WLX module combines electronic door cylinders, access control and alarm systems to create a complete smart home experience. One system, one app, one clear logic - for a building that is safer, smarter and more convenient.

Technologies

- Seamless integration: Add smart access control to your Comfion Pro alarm system.
- Up to 6 doors with smart control: Integration of up to 6 electronic door cylinders or wall readers.
- All in one app: Configuration, control and permissions centrally via the Comfion app.
- Up to 50 users: Individual locking authorisations for family, guests and services.
- Arm/disarm with access: Open the door and control the alarm system conveniently – in one step.
- Access while on the move: Remote flexible release for all wAppLoxx Pro door components.
- Flexible installation: Up to 2 BUS WLX modules directly on the Comfion Pro alarm panel.
- Smart functions included: Time-controlled permanent access and secure fallback mode.
- Tested security: EN Grade 2 certified – fewer false alarms thanks to intuitive operation.

Technical data - Comfion Pro BUS-WLX-module

Certifications	EN 50131 Grade 2
Compatible with	Comfion, WLX Pro
Connections	RS485 BUS (0 / 12V / B / A)
DC power supply	12 V
Depth	28 mm
Dimensions	85 x 85 x 28 mm
EN	Level 2
Emergency power supply	Yes (by Comfion Pro Panel BUS)
Encryption	AES-128Bit
Environmental class	II
Gross weight	0.08 kg
Height	85 mm
Housing material	Polycarbonate
Length	28 mm
Max. Operating temperature	40 °C
Max. Receive range (building)	30 m
Max. Receive range (free field)	100 m
Max. Transmit range (free field)	100 m
Max. Transmitting range (building)	30 m

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Min. operating temperature	0 °C
Modulation	FSK
Mounting location	Indoor
Mounting type	Surface mounted
Net weight	0.08 kg
Number of BUS lines	1
Number of components	6
Protection class IK	6
Radio frequency	868.3 MHz
Radio power	25 mW
Rechargeable battery	No
Security gradient	2
Tamper monitoring	Yes
Voltage monitoring	Yes
WEEE group	09
width	85 mm