XS4 Wall READER 2.0
Cutting-edge design + Outstanding technology:

The SALTO XS4 Wall Reader 2.0 incorporates the cutting edge design standard of the XS4 2.0 product range in this technological powerhouse.

XS4 2.0 READER
WRDBxxx

SALTO
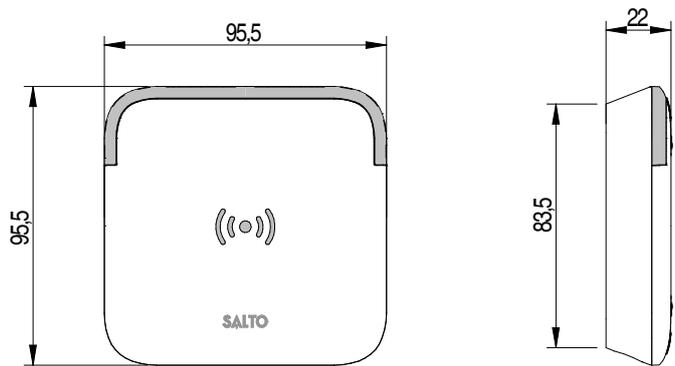inspired**access**

MIFARE
DESFire

Bluetooth®
SMART

SALTO XS4
WALL READER

The SALTO XS4 Wall Reader 2.0 incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. The SALTO XS4 Wall Reader 2.0 in combination with the SALTO XS4 2.0 Controller, facilitates the integration of the wall reader with almost any SALTO interface such as SALTO ProAccess SPACE, to provide your facility with a complete security solution.

XS4 WALL READER 2.0: STANDARD

WRDB0E04

MAIN FEATURES:

- Modern aesthetic design with clear LED signaling.
- Conical shape.
- Fully integrated with the SALTO XS4 platform.
- Virtual network capable through SALTO Virtual Network technology.
- ID technologies available: DESfire, DESfire EV1, Mifare, Mifare plus, Mifare Ultralight C, SKIDATA and Bluetooth Low Energy.
- NFC compatible.
- All communications between the carrier and the wall reader are encrypted and secure[2].
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Available in 2 different finishes: White and Black.
- Concealed fixing screw for greater security and improved aesthetics.
- Contactless reading of the carrier, Reading distance up to 35mm (depending on the credential).
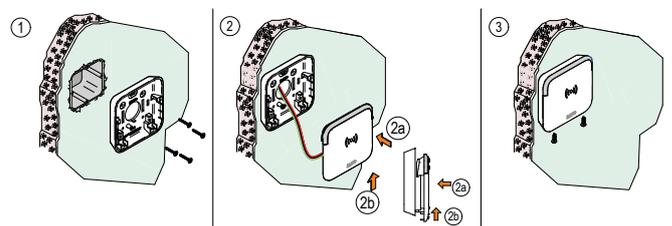
MECHANICAL ASPECTS:
- Dimensions: 95,5mm x 95,5mm x 22mm (W x H x D).
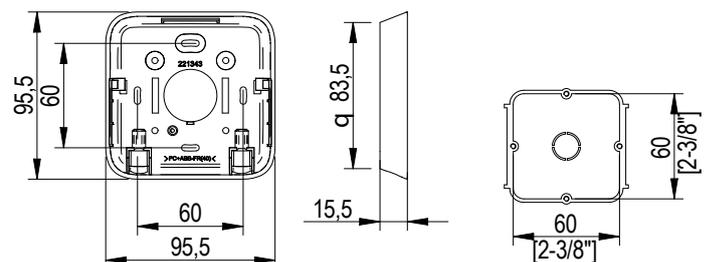
CERTIFICATIONS:
- IP 66 compliant, suitable for outdoor and indoor use.
- CE comform (pending).
- UL 294 (pending).
- FCC certified (pending)..

- The maximum cable length between the door controller and the wall reader is 400meters[1]. using a twisted pair cable.
- Connection to the door controller using AWG24 twisted pair or AWG18 cable connection.
- Powered by the controller.
- Emergency opening by means of contactless portable programming device (PPD).

INSTALLATION:

COMPATIBLE WITH STANDARD EUROPEAN ELECTRICAL BOX

[1] Depending on the cable.
[2] Depending on the card and the RFID technology
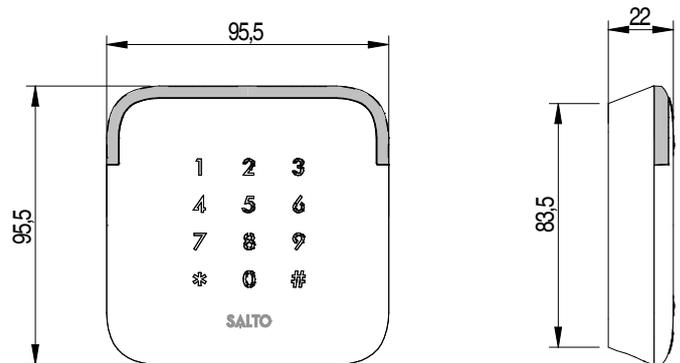
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SALTO XS4
WALL READER WITH KEYPAD

The SALTO XS4 Wall Reader 2.0 with keypad incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. The SALTO XS4 Wall Reader 2.0 in combination with the SALTO XS4 2.0 Controller, facilitates the integration of the wall reader with almost any SALTO interface such as SALTO ProAccess SPACE, to provide your facility with a complete security solution.

This product allows for the additional use of a Personal Identification Number (PIN) key pad option increasing the security by using a double autentication and enhanced more opening modes.

XS4 WALL READER 2.0: READER + KEYPAD

WRDB0E04WK

MAIN FEATURES:

- Modern aesthetic design with clear LED signaling.
- Conical shape.
- Capacitive keypad.
- Fully integrated with the SALTO XS4 platform.
- Virtual network capable through SALTO Virtual Network technology.
- ID technologies available: DESfire, DESfire EV1, Mifare, Mifare plus, Mifare Ultralight C, SKIDATA and Bluetooth Low Energy.
- NFC compatible.
- Permits additional opening modes and user authentication through a user PIN.
- All communications between the carrier and the wall reader are encrypted and secure[2].
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Available in 2 different finishes: White and Black.
- Keys are iluminatd for better usability (intelligent lightening).

SPECIFIC OPENING MODES:
- Opening through key card.
- Opening Card plus personal PIN.
- Opening through doorr code.
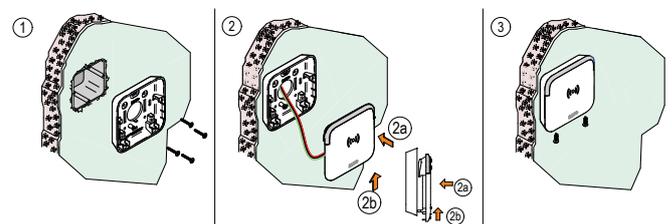-

MECHANICAL ASPECTS:
- Dimensions: 95,5mm x 95,5mm x 22mm (W x H x D).

CERTIFICATIONS:
- IP 66 compliant, suitable for outdoor and indoor use.
- CE comform (pending).
- UL 294 (pending).
- FCC certified (pending).

- Concealed fixing screw for greater security and improved aesthetics.
- Contactless reading of the carrier, Reading distance up to 35mm (depending on the credential).
- The maximum cable length between the door controller and the wall reader is 280meters[1]. using a twisted pair cable.
- Connection to the door controller using AWG24 twisted pair or AWG18 cable connection.
- Powered by the controller.
- Emergency opening by means of contactless portable programming device (PPD).

INSTALLATION:

COMPATIBLE WITH STANDARD EUROPEAN ELECTRICAL BOX
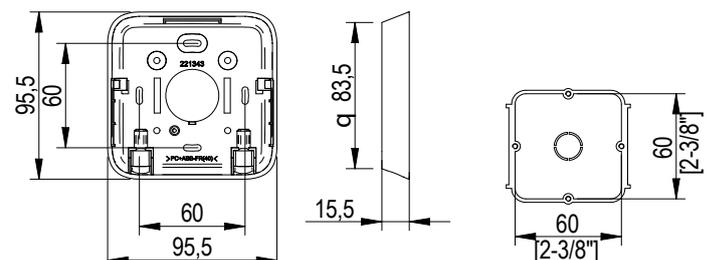
[1] Depending on the cable.
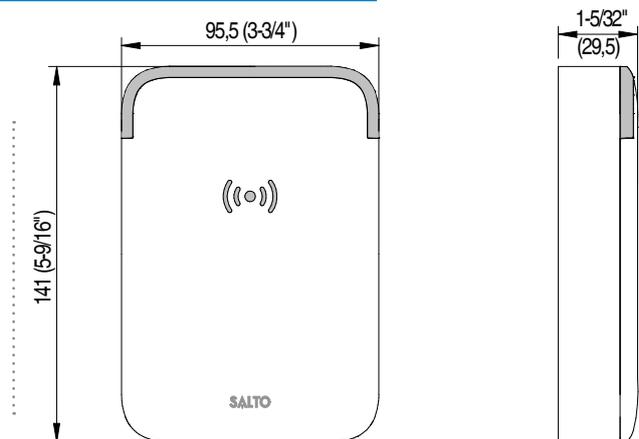[2] Depending on the card and the RFID technology

SALTO XS4
WALL READER

The SALTO XS4 Wall Reader 2.0 incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. The SALTO XS4 Wall Reader 2.0 in combination with the SALTO XS4 2.0 Controller, facilitates the integration of the wall reader with almost any SALTO interface such as SALTO ProAccess SPACE, to provide your facility with a complete security solution.
This wall reader has been designed to fit on standard ANSI electrical box.

XS4 WALL READER 2.0: STANDARD

WRDB0A04

95,5 (3-3/4")
141 (5-9/16")
1-5/32" (29,5)

MAIN FEATURES:

- Modern aesthetic design with clear LED signaling.
- Conical shape.
- Fully integrated with the SALTO XS4 platform.
- Virtual network capable through SALTO Virtual Network technology.
- ID technologies available: DESfire, DESfire EV1, Mifare, Mifare plus, Mifare Ultralight C, SKIDATA and Bluetooth Low Energy.
- NFC compatible.
- All communications between the carrier and the wall reader are encrypted and secure[2].
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Available in 2 different finishes: White and Black.
- Concealed fixing screw for greater security and improved aesthetics.
- Contactless reading of the carrier, Reading distance up to 35mm (depending on the credential).
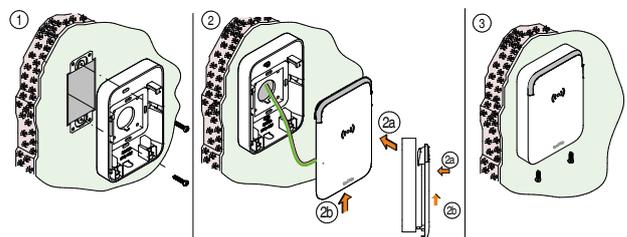
MECHANICAL ASPECTS:
- Dimensions: 95,5mm x 141mm x 29,5mm (W x H x D).
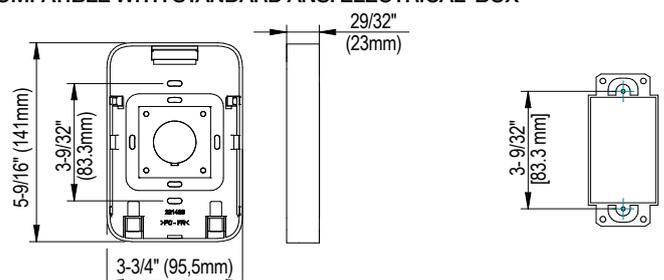
CERTIFICATIONS:
- IP 66 compliant, suitable for outdoor and indoor use.
- CE comform (pending).
- UL 294 (pending).
- FCC certified (pending).

- The maximum cable length between the door controller and the wall reader is 400meters[1]. using a twisted pair cable.
- Connection to the door controller using AWG24 twisted pair or AWG18 cable connection.
- Powered by the controller.
- Emergency opening by means of contactless portable programming device (PPD).

INSTALLATION:

COMPATIBLE WITH STANDARD ANSI ELECTRICAL BOX

5-9/16" (141mm)
3-9/32" (83.3mm)
3-3/4" (95,5mm)
29/32" (23mm)
3- 9/32" [83.3 mm]

[1] Depending on the cable.
[2] Depending on the card and the RFID technology
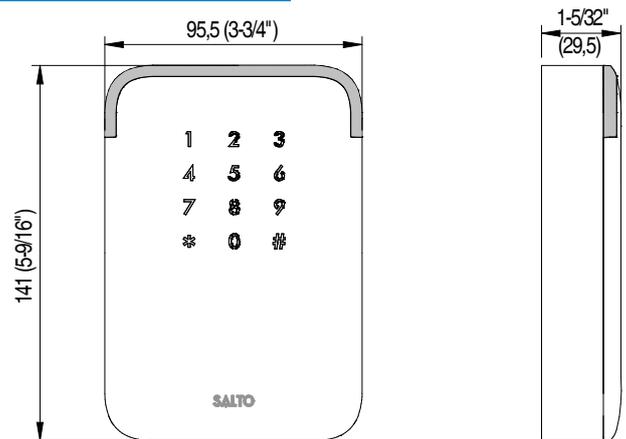
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SALTO XS4
WALL READER WITH KEYPAD

The SALTO XS4 Wall Reader 2.0 incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. The SALTO XS4 Wall Reader 2.0 in combination with the SALTO XS4 2.0 Controller, facilitates the integration of the wall reader with almost any SALTO interface such as SALTO ProAccess SPACE, to provide your facility with a complete security solution.

This product allows for the additional use of a Personal Identification Number (PIN) key pad option increasing the security by using a double autentication and enhanced more opening modes.

XS4 2.0 READER: READER + KEYPAD

WRDB0A04WK

95,5 (3-3/4")   141 (5-9/16")   1-5/32" (29,5)

MAIN FEATURES:

- Modern aesthetic design with clear LED signaling.
- Conical shape.
- Capacitive keypad.
- Fully integrated with the SALTO XS4 platform.
- Virtual network capable through SALTO Virtual Network technology.
- ID technologies available: DESfire, DESfire EV1, Mifare, Mifare plus, Mifare Ultralight C, SKIDATA and Bluetooth Low Energy.
- NFC compatible.
- Permits additional opening modes and user authentication through a user PIN.
- All communications between the carrier and the wall reader are encrypted and secure[2].
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Available in 2 different finishes: White and Black.
- Keys are iluminatd for better usability (intelligent lightening).

- Concealed fixing screw for greater security and improved aesthetics.
- Contactless reading of the carrier, Reading distance up to 35mm (depending on the credential).
- The maximum cable length between the door controller and the wall reader is 280meters[1]. using a twisted pair cable.
- Connection to the door controller using AWG24 twisted pair or AWG18 cable connection.
- Powered by the controller.
- Emergency opening by means of contactless portable programming device (PPD).

INSTALLATION:

SPECIFIC OPENING MODES:
- Opening through key card.
- Opening Card plus personal PIN.
- Opening through doorr code.
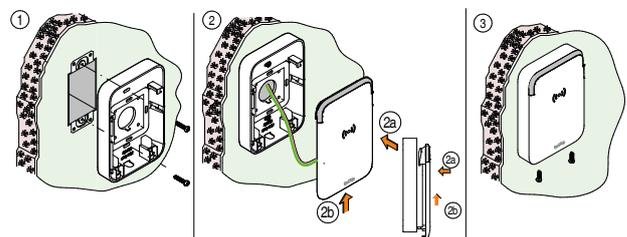
MECHANICAL ASPECTS:
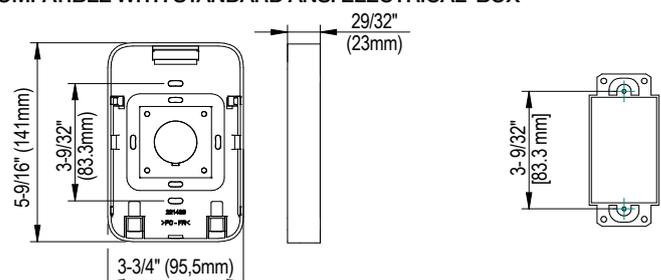- Dimensions: 95,5mm x 141mm x 29,5mm (W x H x D).

CERTIFICATIONS:
- IP 66 compliant, suitable for outdoor and indoor use.
- CE comform (pending).
- UL 294 (pending).
- FCC certified (pending).

COMPATIBLE WITH STANDARD ANSI ELECTRICAL BOX

29/32" (23mm)   5-9/16" (141mm)   3-9/32" (83.3mm)   3-3/4" (95,5mm)   3-9/32" [83.3 mm]

[1] Depending on the cable.
[2] Depending on the card and the RFID technology

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SALTO XS4
MODULAR WALL READER

The SALTO Modular Wall Reader 2.0 incorporates the cutting-edge design standard of the XS4 2.0 product range in this technological powerhouse. The SALTO XS4 Modular Wall Reader 2.0 in combination with the SALTO XS4 2.0 Controller, facilitates the integration of the wall reader with almost any SALTO interface such as SALTO ProAccess SPACE, to provide your facility with a complete security solution for any kind of installations even from adverse and harsh environments thank to the posibility to install it in combination with the antivandalic frame.

XS4 MODULAR WALL READER 2.0: STANDARD

WRMB0E04x

83 [3-1/4"]
83 [3-1/4"]
13,5 [1/2"]
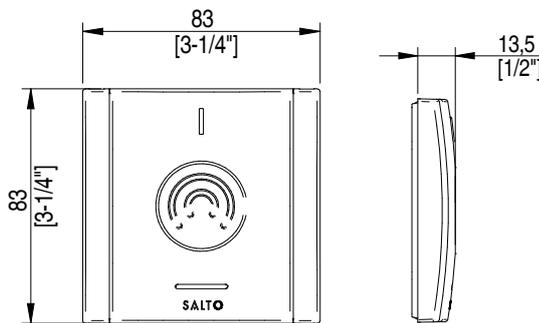
MAIN FEATURES:

- Robust aesthetic design with clear LED signaling.
- Squared shape.
- Fully integrated with the SALTO XS4 platform.
- Virtual network capable through SALTO Virtual Network technology.
- ID technologies available: DESfire, DESfire EV1, Mifare, Mifare plus, Mifare Ultralight C, SKIDATA and Bluetooth Low Energy.
- NFC compatible.
- All communications between the carrier and the wall reader are encrypted and secure[2].
- Acoustic and optical signalling, dual colour green/red to indicate access authorisation.
- Available in 3 different finishes: White, Black and Silver.
- For flush or surface mounting depending on the base (base sold separately.
- Concealed fixing screw for greater security and improved aesthetics.

- Can be installed with an antivandalic frame (WRMFWAV for flush mounting or WRMFHAV for surface mounting) to protect the WRM wall reader from adverse and harsh environments.
- Contactless reading of the carrier, Reading distance up to 35mm (depending on the credential).
- The maximum cable length between the door controller and the wall reader is 400meters[1]. using a twisted pair cable.
- Connection to the door controller using AWG24 twisted pair or AWG18 cable connection.
- Powered by the controller.
- Emergency opening by means of contactless portable programming device (PPD).

INSTALLATION:

Base WRMBL1   Anti-vandalic frame

TORX 10

COMPATIBLE WITH STANDARD EUROPEAN ELECTRICAL BOX

MECHANICAL ASPECTS:
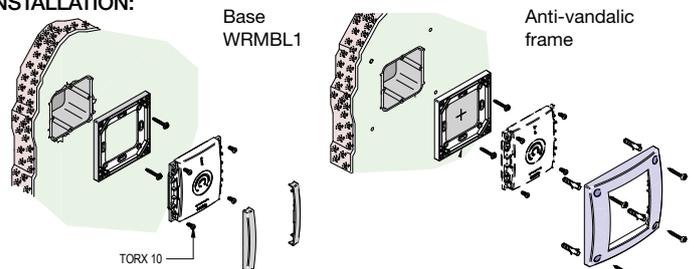- Dimensions: 83mm x 83mm x 13,5mm (W x H x D). (excludes dimension of the base)

CERTIFICATIONS:
- IP 66 compliant, suitable for outdoor and indoor use.
- CE comform (pending).
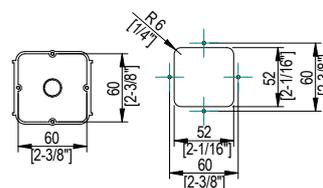- UL 294 (pending).
- FCC certified (pending).

INSTALLATION BASES - (sold separetely)
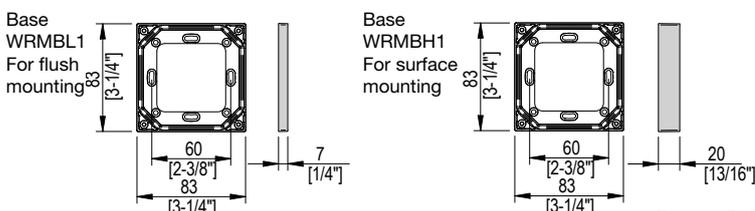
Base WRMBL1 For flush mounting

Base WRMBH1 For surface mounting

[1] Depending on the cable.
[2] Depending on the card and the RFID technology

DOOR CONTROLLER REQUIERED:

CU42E0 - ONLINE CONTROLLER

CU4200 - AUXILIAR OR OFFLINE CONTROLLER

The SALTO XS4 Wall Reader 2.0 needs to be used in combination with the XS4 2.0 Controller (CU42E0 or CU4200).
Depending on the specific requirements, the XS4 Wall Reader 2.0 will need to be connected to CU42E0 controller (online)or to the CU4200 controller (offline).

MIFARE:

Mifare RFID contactless technology reads & writes information to contactless smart cards (RFID) compatible with standards, such as Mifare, Mifare plus, DESFire, DESFire EV1 technologies or even Bluetooth Low Energy (BLE) technology. These technologies also allow for the updating of carriers via SALTO Virtual Network (SVN) technology.

- Fully integrated with the SALTO XS4 platform.
- 13.56MHz contactless RFID identification.
- ISO 14.443A - Mifare, Mifare plus, DESFire, DESFire EV1 Compatible.
- ISO 15.693 - Tag it, Icode, Flex Space (SKIDATA) Compatible.
- Near Field Communication (NFC) compatible.
- Available key cards: 1Kbyte, 4Kbytes and 8 Kbytes depending on technology.

- Available carriers: ISO 7810 cards, fobs, bracelets, stickers, watches…
- Reusable key cards.
- SALTO Virtual Network (SVN) compatible.
- RFID technology permits contactless exchange of information between the card and the reader.
- High security encrypted Proximity cards.
- Multi-application with other systems using the same card with different sectors.
- Customized issuing card through SALTO Authorization Media software (SAM).
- Waterproof cards which can be customized.

ID TECHNOLOGIES: RANGE OF RFID CREDENTIAL / KEYS AVAILABLE

- **MIFARE:** Mifare, Mifare plus, Ultralight C, DESfire, DESfire EV1 and Vicinity cards.

Contactless RFID Key Cards

Contactless RFID Fobs

Contactless RFID Silicone Bracelet

Contactless RFID Fobs Bracelet

MOBILE KEY SOLUTIONS:

mSVN SOLUTION:
With mSVN (Mobile SALTO Virtual Network) it´s now possible to update cards remotely and without using a fixed update point. All an end-user needs is an NFC-enabled smartphone to update their DESFire EV1 credential using SALTOs' JustIN mSVN App, thereby increasing the flexibility of an instalation's security.

MAIN FEATURES:
- **XS4 COMPABILITY:** XS4 Original RFID escutcheon range. Extensive range of escutcheon styles and sizes including European, Scandinavian, ANSI models and Wireless models (RFID models only).
- **SMARTPHONE:** Android minimum version: 2.3.3
- **SYSTEM REQUIREMENTS:** SALTO ProAccess SPACE software.
- **SMART KEY COMPABILITY:** DESFire EV1 (AES – 3DES encryption) (SALTO SAM Card required)
- **BLACKLIST** dissemination that increases security without the need to wire or visit doors.

MOBILE GUEST KEYS SOLUTION:
SALTO Bluetooth mobile guest key via SALTO's JustIN Key app communicates securely via the Cloud and enables a user to receive their door key online, anytime and anywhere.

MAIN FEATURES:
- **XS4 COMPABILITY:** XS4 Original RFID escutcheon range. Extensive range of escutcheon styles and sizes including European, Scandinavian, ANSI models and Wireless models (RFID models only - no Keypad).
- **SSL:** Secure Socket Layer.
- **AES 128 BIT** encryption opening procedures.
- **SMARTPHONE Compability:** iOS and Android devices.
- **SYSTEM REQUIREMENTS:** SALTO ProAcess SPACE software.

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