AElement - Euro

AELEMENT BY SALTO | STYLISH LOCKS

The AElement is an RFID lock that allows you to integrate all your physical security needs into one stylish, energy efficient, reliable, wire-free system.

The minimalistic design of its RFID reader looks chic and discreet on any door, and can be combined with a wide range of either SALTO or designer handles.

SALTO
inspired**access**

AElement - EU

AE91 | AELEMENT

The AElement EURO version is specially designed to fit on most Euro DIN 18250 profile doors. The minimalistic design of the RFID reader looks stylish and discreet on any door. It also offers the choice of a wide range of designer lever handles and finishes.

TECHNICAL CHARACTERISTICS:

- Covers door thicknesses: From 35mm - 45mm up to 115mm - 125mm.
- Reader dimensions: 67mm x 45mm x 17mm.
- Battery pack dimensions (inside): 116mm x 65mm x 25.5mm.
- Handle block mechanism lock.
- Handle rotation: 33º.
- To be used in combination with SALTO LE7E37 mortise lock.
- Square spindles available: 8mm split and 9mm split (SALTO spindles required).

PLATFORMS:

SVN | WIRELESS | SALLIS

ID TECHNOLOGIES :

- MIFARE® (DESFire EV1, Plus, Ultralight C, Classic - ISO/IEC 14443).
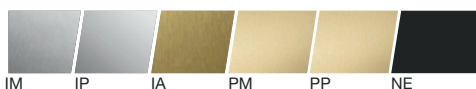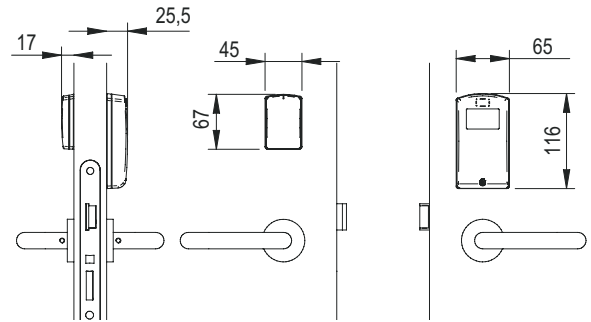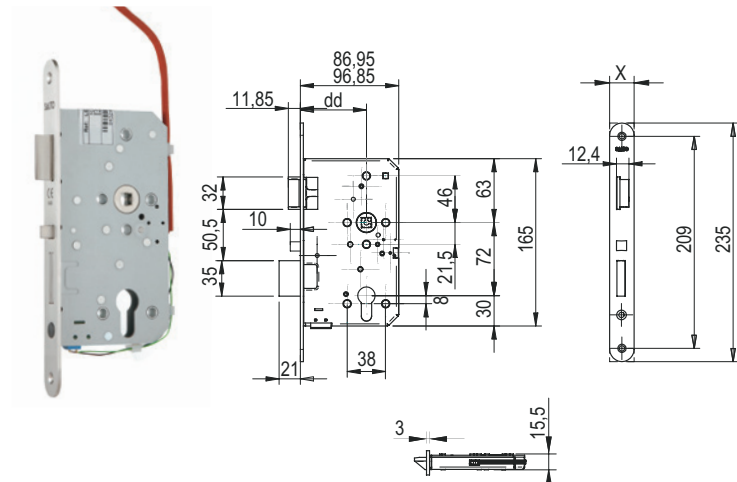- Bluetooth SMART (BLE).
- NFC.

TECHNICAL DRAWING:

ELECTRONICS FEATURES:

- Reader body made using double layered injection construction.
- Clear dual colour LED light (green/red) to indicate lock authorisation.
- Electronic privacy function option through button on the inside (for hotel industry). The user can activate the "do not disturb" function.
- Special blink and beep indication when lock is in privacy mode.
- Ability to enable/disable the acoustic signal.
- Compatible with European DIN 18250 mortise lock retrofit.
- EN1364-1 EI 60.
- Declaration of conformity CE.
- FCC/IC conformity.

DIN18250 AELEMENT MORTISE LOCK:

READER COLOUR:

BASE FRAME FINISHES:

| IM | IP | IA | PM | PP | NE |

MORTISE LOCKS FEATURES:

- Axe distance 72mm.
- Lock latched deadbolt made of steel.
- Automatic deadbolt projection lock.
- Choice of finishes: satin stainless steel or gold enamelled.
- Front plate shape: square or round.
- Different backsets available: 55mm - 65mm.
- Handed lock - L/R - not reversible.
- Inside always allows free egress (Anti-panic in combination with lock).
- EN 12209 compliant.

CE | FC | U

Technical Data

POWER SOURCE:
• AElement: 3 alkaline batteries - LR03 - AAA 1,5V.

NUMBER OF OPENINGS:
• Contactless versions: Up to 50,000 openings.

• Low battery power indication monitored through the SALTO Virtual Network (SVN).
• The last approx. 1,000 operations are signalled.

ENVIRONMENTAL CONDITIONS:
• Electronics: 0° / 60°.
• Not suitable for outdoor use.

Main Features

• Easy to maintain: Battery change is all that's needed.
• SALTO SVN and SALTO Wireless network capable.
• Wireless ready lock that can be upgraded to wireless online.
• Handle block mechanism lock.
• To be used only with SALTO AElement mortise lock series.
• Compatible with DIN standard and ANSI mortise locks.
• Reader body made using double layered injection construction.
• Electronic privacy system. By pressing a button on the battery holder on European models, the user can activate the "do not disturb" function.
• The lock can always be opened from the inside (single action panic feature works in conjunction with the SALTO mortise lock).
• Clear dual colour LED light (green/red) to indicate lock authorisation.
• Concealed fixing screws for greater security and improved aesthetics.
• Wire-free stand-alone networked system through SVN technology.
• Attractive range of standard handle designs and finishes, designer lever handles from well-known brands approved.
• DDA (Disability Discrimination Act) compliant (depending on handle type).
• Emergency opening via contactless Portable Programming Device (PPD).

Access Control Features

USERS & DOORS:
• Maximum number of users per door: 4 million.
• Maximum number of doors per system: 65,000.
• Access levels: unlimited.

CALENDARS & TIME ZONES:
• Calendars in system: 256
• Time tables: 1024
• Time periods: 1024

EVENTS:
• Maximum events on lock audit: 2200.
• Non volatile memory (memory is not deleted, even if power fails).

MANAGEMENT SOFTWARE:
• SALTO ProAccess SPACE.

ID TECHNOLOGIES:
• Covering the mainstream MIFARE RFID technologies.
• Compatible with ISO 14443A, ISO 14443B and ISO 15693 (Vicinity).

Lock Modes

STANDARD:
Locked at all times.

AUTOMATIC OPENING:
8 pairs of "hands free" timed lock and unlocks per day with holidays.

TOGGLE:
Present card to lock, present card to unlock.

TIMED TOGGLE:
Present card to lock, present card to unlock depending on schedules

OFFICE MODE:
Free passage mode (just on the ANSI version).

EXIT LEAVES OPEN MODE:
The lock remains unlocked after the inside handle is used.