

SALTO - ÆLEMENT FUSION AFxx

Ælement Fusion is an electronic lock with a sleek reader accentuated by an interactive light ring that illuminates when access credentials are presented, providing a minimalistic design that blends with any hotel décor. It also offers the choice of a wide range of designer lever handles and finishes.



TECHNICAL DATA

Reader dimensions (Ø x D):	45,0 mm x 8,5 mm
Faceplate dimensions (H x W):	150 x 20 mm 150 x 24 mm
Handle rotation:	30°
Door thicknesses:	40mm – 125mm
Square spindles:	8mm split 9mm split (SALTO spindles required).
Power source:	3 alkaline batteries – LR06 – AA 1,5V.
Number of openings:	130 000 MIFARE DESFire 100 000 Mobile keys 90 000 iCLASS®
Number of events stored in lock memory:	2 250 (SVN standalone mode) 1 850 (SVN BLUeNet mode)
Temperature (without condensation):	0 °C / +60°C.
IP class:	Not suitable for outdoor use.
Certifications:	CE, FCC/IC, RCM, EN1634 EI60

ID TECHNOLOGIES

MIFARE*:	•
BLE Smart:	•
NFC:	•
Legic**:	—
HID iClass®:	•
Picopass:	—
Hilton digital key	•
i-Button:	—

* MIFARE® (DESFire EV2, Plus, UltralightC, Classic – ISO/IEC 14443).

** Legic Prime and Legic Advant



OPENING MODES

Standard:	•
Office mode:	•
Timed office:	•
Automatic opening:	•
Toggle:	•
Timed Toggle:	•
Amok mode:	—
Exit leaves open mode:	•
Pin code / Keypad:	—

Finishes

Reader colour:

Black:	•
White:	•

Faceplate finishes:

IM Satin stainless steel:	• BHMA 630 /US 32D
IP Bright stainless steel:	—
IA Antique brass:	—
PP PVD brightbrass type:	—
PM PVD satin brass type:	• BHMA 730 /BHMA 731 /US4
NE Black chromium:	—
BC BioCote anti-microbial:	—

MECHANICAL DATA

Handle clutch mechanism lock:	•
Mechanical privacy:	•
Electronic privacy:	—
Mechanical key override:	•
Compatible with EURO mortise lock standard.	• SALTO LE7S07 SALTO LE7S17
Reversible:	•
Door Accessories:	• Door handles and accessories.
Retrofit cover plate:	— New construction wood and metal doors.
Emergency opening via contactless Portable Programming Device (PPD).	•

TECHNOLOGY PLATFORMS

SALTO SPACE:

ROM:	—
SVN data-on-card:	•
SALTO RFnet:	—
SALTO BLUEnet:	• *
SALLIS:	—

SALTO KS:

SALTO KS: —

* BLUEnet communication on metal door may need to install more BLUEnet nodes or repeaters.

MORTISE LOCK (LE7Sx7)

Axe distance:	72 mm
Turning angle:	30°
Backset	55mm 65mm standard 60mm 70mm upon request
Mechanical key override:	•
Front plate shape:	Round or square. Asymmetric front plate for rebed doors available
Front plate finish:	Satin stainless steel. Satin brass (PVD).
Handing:	L/R – Reversible.
Anti-panic safety function:	•
Auxiliary latch (anti card system)	•
Intelligent integrated detectors for deadbolt and door position to monitor the status of the door	•
Detection of intrusion alarms	•
Opened and closed status of doors through SALTO Wireless technology.	•
Integrated electronic privacy detector for door/room status real-time monitoring.	•
Fire certifications	EN1634 EI60

TECHNICAL DRAWING

