

DATASHEET

Energy Savers by SALTO

The SALTO in-room Energy Saving Device (ESD) helps to save up to 65%* of a hotel room or student dorms electricity consumption and unlike standard magnetic stripe energy savers, only authorized SALTO key cards will switch on the lights. Any other card (frequent flyer, bussiness card etc) or other SALTO cards belonging to other rooms, will not activate the lights.

It is also available in a connected on-line version, which as well as energy saving indicates in real-time the presence of guests or staff in a room, logging the information directly into the hotel PC. When a guest enters the room and inserts their card into the ESD it switches on all electrical equipment. When staff enters the room for cleaning or maintenance, the ESD recognises their staff card and switches on only the electrical equipment they need to do their work.

www.saltosystems.com

TECHNICAL SPECIFICATIONS: ENERGY SAVERS ESDx000

SALTO
inspired access



TECHNICAL DATA:

Reader dimensions (H x W x D):	140 x 82 x 31,5 mm
Operating ambient temperature:	0 °C / +60 °C.
Operating ambient humidity:	Inferior to 95% without condensation
Certifications:	CE

ID TECHNOLOGIES:

MIFARE / DESFire:*	•
BLE Smart:	—
NFC:	—
Legic:**	—
HID iClass®:	—
Picopass:	—

* MIFARE® (DESFire EV2, Plus, Ultralight C, Classic).

** Legic Prime and Legic Advant

TECHNOLOGY PLATFORMS:**SALTO SPACE:**

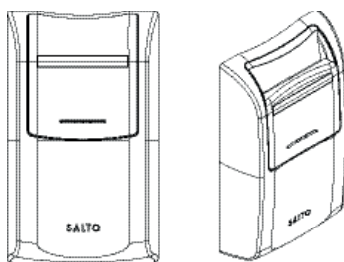
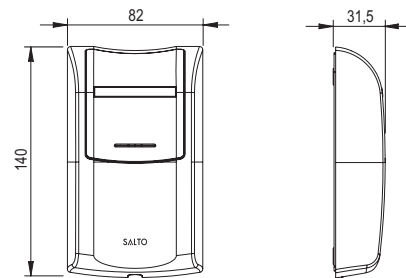
Smile - Selfprogrammable	—
ROM:	—
SVN data-on-card:	•
SALTO RFnet:	—
SALTO BLUEnet:	—
SALLIS:	—

SALTO KS:

SALTO KS:	—
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FINISHES:

Blue Iron:	•
Champagne:	•

MODELS:ESD900:
Mifare**TECHNICAL DRAWING:****ELECTRICAL CHARACTERISTICS:**

Input Voltage:	85-265 Vac 50/60 Hz
Relays power cut:	10 A (Incandescent and halogen lamps) 12 A (250Vac, cosφ=1) // 8 A 250Vac, cosφ=0,6)
Minimal contact current:	100mA@6v

Consumption:

Rest Mode:	100mw (110Vac) // 200mw(220Vac)
Relais & Leds bar activated:	1,5w (110Vac) // 1,8w (220Vac)

Max. Section for power and relays contacts connector:

Stranded wire section:	12 AWG (2.5 mm ²)
Strip length:	5.5 - 6.5 mm

Max. Section for windows detector connector:

Stranded wire section:	16 AWG (1.5 mm ²)
Strip length:	4 - 5 mm

Max. Section for RS486 BUS connector:

Stranded wire section:	17 AWG (1 mm ²)
Strip length:	5 - 6 mm

ESD 900 ON-LINE:Mifare
Online
BUS connection to the Control Unit