

# E100 SCAND

Standard escutcheon Scandinavian Profile

ASSA ABLOY



## Product description

- Communication from hub via RS485 bus to the Online Access Control System (addressable) - access decision in the EAC system
- Can be used with all Scandinavian mortise locks - in wooden, steel and tubular-frame doors
- Main electronics (RFID + radio) outside - security-relevant electronics inside
- Outside handle rotates freely - inside handle always engaged
- Override Credentials: Up to 10 override credentials can be stored for an emergency access in case of failure or no communication with the access control or the hub.
- Smart Credential Handling: In addition to the override credentials, the last valid credentials (up to 1000) can be cached automatically and for a limited time (up to 30 days), so that an opening can still be made without the intervention of the administrator.
- LED for status visualisation

## Scope of delivery

- 1 escutcheon with battery (Lithium CR123A) and installation instructions
- Screws, drilling template and tool (for inserting cables)

## Suitable ASSA ABLOY products

- Aperio 1 to 8 communications hub
- AH20 1-to-1
- AH40 1-to-16 IP

## Accessories/Individual parts

- Aperio PAP tool and wireless dongle 99 04\_PAP tool
- Spare battery 99 0x\_Battery

## Technical data - Standard escutcheon



### Authentication

Three levels of authentication (PIN only, CARD only, PIN & CARD combined)

### Code

PIN code - 4 up to 8 digits



### Approvals

CE



### Dimension

312 x 41 x 10/20 mm (H x W x D)

### Version

Basic = internal doors to category 2

### Handle

L-Shape, U-Shape

### Surface

Stainless steel brushed (ST)

### Distance

105 mm with spindle 8 mm

### Door leaf thickness

Door leaf between 35 and 95 mm thick, in 10mm increments

### Backset

> 40 mm

### Mounting plate

45 mm



### Battery

1 x Lithium CR123A

### Battery life

30 openings per day for 49 months



### Radio standard

IEEE 802.15.4 (2.4 GHz)

### Encryption (radio communication)

AES 128 bits

### Distance between the RFID-Reader and hub

Typical range 25 m depending on the hub type and building environments



### Class of protection

IP52 (IP54 optionally available)

### Operating temperature range

0°C to 60°C

### Relative humidity

< 85% (condensation-free)



### Status

LED (red/green/orange)



### RFID Technologies (Based on reader type)

High Frequency: iCLASS®/ISO 14443B; MIFARE Classic® / MIFARE® DESFire® EV1&EV2;

### RFID reading

Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support UID / Sektor / Block / Application / File / LEGIC®

## Segment Data

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<b>RFID Reading range</b>	< 4 cm
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**Communication interfaces**

Micro USB firmware download and battery back up

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