

# E100 SWISS

Standard escutcheon Outside Swiss Profile / Inside blind

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 European (DIN) 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)

## Technical data - Standard escutcheon



 <b>Authentication</b>	Three levels of authentication (PIN only, CARD only, PIN & CARD combined)
<b>Code</b>	PIN code - 4 up to 8 digits
 <b>Approvals</b>	CE
 <b>Dimension</b>	312 x 41 x 10/20 mm (H x W x D)
<b>Version</b>	Basic = internal doors to category 2
<b>Handle</b>	L-Shape, U-Shape
<b>Surface</b>	Stainless steel brushed (ST)
<b>Distance</b>	Distance 74 mm, 94 mm, 78 mm; Spindle 8 mm, 10 mm
<b>Door leaf thickness</b>	Door leaf between 40 and 100 mm thick, in 10 mm increments
<b>Backset</b>	> 40 mm
 <b>Battery</b>	1 x Lithium CR123A
<b>Battery life</b>	30 openings per day for 49 months
 <b>Radio standard</b>	IEEE 802.15.4 (2.4 GHz)
<b>Encryption (radio communication)</b>	AES 128 bits
<b>Distance between the RFID-Reader and hub</b>	Typical range 25 m depending on the hub type and building environments
 <b>Class of protection</b>	IP 52
<b>Operating temperature range</b>	0°C to 60°C
<b>Relative humidity</b>	< 85% (condensation-free)
 <b>Status</b>	LED (red/green/orange)
 <b>RFID Technologies (Based on reader type)</b>	High Frequency: iCLASS®/ISO 14443B; MIFARE Classic® / MIFARE® DESFire® EV1&EV2;
<b>RFID reading</b>	Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support UID / Sektor / Block / Application / File / LEGIC® Segment Data
<b>RFID Reading range</b>	< 4 cm
 <b>Communication interfaces</b>	Micro USB firmware download and battery back up