E100 EURO

Premium escutcheon Outside Euro Profile / Inside blind

ASSA ABLOY
Opening Solutions

aperio

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, 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)

Note

- * It should be observed that harsh environments may affect product operability (excessive humidity, salt, extreme temperatures)

Technical data - Premium escutcheon

	Authentication	Three levels of autentification (PIN only, CARD only, PIN & CARD combined)
	Code	PIN code - 4 up to 8 digits
	Approvals	CE, EN179, EN1906, DIN18273
	Dimension	312 x 41 x 10/20 mm (H x W x D)
	Version	Premium = Higher security version up to grade 3 (EN 1906) with approvals on fire (DIN18273), escape (EN179) route and security
	Handle	U-Shape
	Surface	Stainless steel brushed (ST)
	Distance	Distance 72 mm, 92 mm; Spindle 9 mm
	Door leaf thickness	Door leaf between 40 and 100 mm thick, in 5 mm increments
	Backset	> 40 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	IP 54*
	Operating temperature range	-25°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; Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support
	RFID reading	UID / Sektor / Block / Application / File / LEGIC® Segment Data
	RFID Reading range	< 4 cm

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	Communication interfaces	Micro USB firmware download and battery back up