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- 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: Zusätzlich zu den Notkarten können die zuletzt berechtigten Begehungen (bis 1000) automatisch und zeitlich begrenzt (bis 30 Tage) zwischengespeichert werden, damit eine Öffnung trotzdem und ohne Eingreifen des Administrators möglich ist.
- 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 - Premium escutcheon

	Authentication	Three levels of authentication (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;
	RFID reading	Legic: LEGIC® (Advant, Prime, ISO/IEC14443 UID, ISO/IEC15693 UID); Optional MIFARE® Support
	RFID Reading range	UID / Sektor / Block / Application / File / LEGIC® Segment Data
	RFID Reading range	< 4 cm
	Communication interfaces	Micro USB firmware download and battery back up