

L100 Euro

Electronic lock with Escutcheon



Product description

Communication from hub via RS485 bus to the Online Access Control System (addressable) - access decision in the EAC system
 Main electronics inside - Reader element outside including emergency battery connector and indication LED's
 Intelligence split structure enables extreme temperature range (-40°C to +65°C)
 Outside handle controlled by electronics - Inside handle always engaged (request to exit sensor included)
 Integrated sensors for bolt and door position, mechanical key override
 Possibility to store up to 10 emergency cards (only used in case of disconnection from the hub)
 LED for status visualization

Accessories/Individual parts

- Programming application tool
- Battery
- Lock spindle
- Handle
- Suitable ASSA ABLOY products
 - AH13 1-to-1 Standard Aperio® RS485 communication hub
 - AH30 1-to-8 Standard Aperio® RS485 communication hub
 - AH15 1-to-1 Standard Wiegand Aperio® Wiegand interface communication hub
 - AH20 1-to-1 Advanced Wiegand Aperio® Wiegand interface communication hub

Scope of delivery

- 1 lock with batteries (Lithium AA FR6) and installation instructions
- 1 reader element including inside and outside unit
- Screws, flexible cables, drilling template and spindles (depends on version)

Technical data - Electronic lock with Escutcheon RFID-Reader

	Approvals (CERTIFICATION=)	CE, EN179, EN1906, EN1125, EN12209, EN1634/1
	Dimensions	Lock 168,5 x 16,5 x 88/93/98 (H x W x D), Reader inside 167,8 x 48 x 20 / outside 101,8 x 43,7 x 15 (H x W x D)
	Door Type (DOOR TYPE=)	Standard or narrow doors
	Door Swing Direction (DIRECTION=)	Left / Right
	Backset	Standard doors (55 mm, 60 mm, 65 mm); narrow doors (35 mm)
	Distance/ Spindle (DISTANCE=)	Distance standard doors 72 mm / narrow doors 92 mm, spindle 8/9 mm
	Front plate	24 mm
	Door Thickness (DOOR THICKNESS=)	Door Thickness - Spindle lengths in (): 47/50 (40-54 mm); 57/50 (47/66 mm); 67/60 (61-80 mm); 74/50 (66-80 mm); 120/120 (88-100 mm); 80/50 (70-87 mm)
	Handle versions (HANDLE=)	L-Shape, U-Shape
	Escutcheon finish (FINISH=)	Stainless steel brushed (ST)
	Escutcheon cut out (CUT OUT=)	EURO, BLIND, SWISS* in progress
	Battery	2 x Lithium AA (FR6)
	Battery life	> 50,000 cycles (for max. 3 years)
	Radio standard	IEEE 802.15.4 (2.4 GHz)
	Encryption (radio communication)	AES 128 bits
	Distance between the RFID-Reader and hub	Typical range of 15 m or 45 m depending on the hub type and building environments



MIFARE™ CLASSIC / DESFire™

MIFARE™ CLASSIC / PLUS

EM410x

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	Class of protection	IP 44 inside / IP 55 outside
	Operating temperature range	10°C bis 65°C inside / -40°C bis 65°C outside
	Humidity	< 85% (condensation-free)
	Status	LED (red/green/orange)
	Door status	Position (open/closed); Bolt position (secured/unsecured); Mechanical key override (avoid alarm)
	RFID Technology	iCLASS@/ISO 14443B; MIFARE™ classic; MIFARE™ plus; MIFARE™ DESFire™ EV1; HID PROX/ EM410x
	RFID reading	UID / Sektor / Block / Application / File
	Scanning range	< 4 cm

