

LECTUS select E



The LECTUS select E line consists of two different reader variants, one with keypad and one without keypad. The series is available in white or black color with a silver frame.

The readers can be flush-mounted or, when using the optional mounting frame, surface-mounted. To detect unauthorized disassembly the readers have tamper monitoring.

The readers have an RS485 interface that uses the OSDP v2 protocol. In this mode, a maximum of eight readers can be connected to an AMC2-4R4CF controller. The readers address can be set through the four DIP switches. During operation, three LED indicators and a beeper provide clear feedback to the user.

All readers are IP54 rated.

Installation/configuration notes

Compatibility

The readers can be used with BIS (Building Integration System) and AMS (Access Management System) software and support by default the following technologies:

- MIFARE DESFire EV1
- MIFARE DESFire EV2
- MIFARE DESFire EV3
- MIFARE Classic

Technical specifications

Mechanical

Dimensions (H x W x D) (mm)	81 mm x 81 mm x 24 mm
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- ▶ Flat design of 1.4 cm depth
- ▶ Easy installation with push-in connector
- ▶ Sabotage monitoring
- ▶ Three status LEDs

Dimensions (H x W x D) (in)	3.2 in x 3.2 in x 0.9 in
Color	Black; Silver White
Material	PVC
Mounting type	Surface-mounted; Flush-mounted
Weight (g)	79 g 81 g
Weight (lb)	0.17 lb 0.18 lb

Environmental

Usage	Indoor; Outdoor
Operating temperature (°C)	-25 °C – 60 °C
Operating temperature (°F)	-13 °F - 140 °F
IP rating	IP54

Electrical

Operating voltage (VDC)	8 VDC – 30 VDC
Power consumption (VA)	1.70 VA

Operation

Audible indication	Yes
Credential type	Cards/keyfobs/tokens PIN

Keypad	No Yes
Optical indication	LED
Software compatibility	Building Integration System; Access Management System
Wireless transmission frequency	13.56 MHz
Reading format	MIFARE DESFire EV1; MIFARE DESFire EV2; MIFARE DESFire EV3; MIFARE Classic; ISO 14443A (CSN/UID)*
Read range (cm)	<ul style="list-style-type: none"> MIFARE Classic: card approximately 40 mm maximum, key fob 30 mm maximum MIFARE DESFire EV1: card approximately 10 mm maximum, key fob 10 mm maximum

Connectivity

Reader interfaces	RS485
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System integration

Protocols / standards	OSDP v2
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* It is not set by default. Requires specific configuration with OSDP protocol. Ask for more information in advance.

Ordering information

ARD-ESELECT-BO Reader E, OSDP, black

OSDP reader for MIFARE EV1, EV2 and EV3, black, designed for flush-mount and IP54 rated for indoor and outdoor use.

Order number **ARD-ESELECT-BO | F.01U.426.543**

ARD-ESELECT-BOK Reader E, OSDP, keypad, black

OSDP reader, with keypad, for MIFARE EV1, EV2 and EV3, black, designed for flush-mount and IP54 rated for indoor and outdoor use.

Order number **ARD-ESELECT-BOK | F.01U.426.544**

ARD-ESELECT-WO Reader E, OSDP, white

OSDP reader for MIFARE EV1, EV2 and EV3, white, designed for flush-mount and IP54 rated for indoor and outdoor use.

Order number **ARD-ESELECT-WO | F.01U.426.545**

ARD-ESELECT-WOK Reader E, OSDP, keypad, White

OSDP reader, with keypad, for MIFARE EV1, EV2 and EV3, white, designed for flush-mount and IP54 rated for indoor and outdoor use.

Order number **ARD-ESELECT-WOK | F.01U.426.546**

Accessories

ARA-ESELECT-WWA Wallmount box, white

Wallmount box for LECTUS select E reader series, white, fits to LECTUS select E readers with white front surface.

Order number **ARA-ESELECT-WWA | F.01U.427.708**

ARA-ESELECT-GWA Wallmount box, gray

Wallmount box for LECTUS select E reader series, gray, fits to LECTUS select E readers with black front surface.

Order number **ARA-ESELECT-GWA | F.01U.428.680**

ARA-OSDP-RES Configuration card, reset

Configuration card for factory reset of LECTUS select E readers.

Order number **ARA-OSDP-RES | F.01U.426.905**



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