 BOSCH

# LECTUS select

▶ Supports Mobile Access

▶ Easy installation

▶ Sabotage monitoring

▶ Three status LED indicators

▶ Numbers and symbols backlighted



The new LECTUS select line is Mobile Access ready and consists of two different reader variants, one with keypad and one without. Both variants are available in black and white colors, and can be flush-mounted, or surface-mounted if the optional mounting frame is used.

To detect unauthorized disassembly, the readers have a tamper contact.

Since they are equipped with a Bluetooth® Low Energy module, it is possible to use mobile credentials, in addition to physical cards, with the Mobile Access solution by Bosch. This option ensures a seamless access, by using a mobile phone for authentication.

The new LECTUS select readers support a range of credential technologies such as MIFARE DESFire EV1, MIFARE DESFire EV2, LEGIC advant, as well as mobile credentials.

The readers have an RS485 interface that uses the OSDP V2 protocol. When operating the reader in this mode, a maximum of eight readers can be connected to the respective controller, the AMC2-4R4CF. 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.

## Regulatory information

| Region | Regulatory compliance/quality marks | |
|---|---|---|
| Europe | CE | |
| Global | RoHS | |

| Region | Regulatory compliance/quality marks | |
|---|---|---|
| USA | FCC | |

## Installation/configuration notes

### Compatibility

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

- LEGIC advant
- MIFARE DESFire EV1 and EV2
- Mobile credential (AMS 5.0.1 and above; BIS 5.0.1 and above). For more information on this option, refer to the Datasheet of the Mobile Access available in the online catalog.

## Technical specifications

### Connectivity

| Reader interfaces | RS485 |
|---|---|

### Electrical

| Operating voltage (VDC) | 8 - 30 VDC |
|---|---|
| Power consumption VAC (VA) (typical - maximum) | 3.50 VA |

### Environmental

| Operating temperature (°F) | -13 - 140 °F |
|---|---|

| | |
|---|---|
| Operating temperature (℃) | -25 - 60 ℃ |
| Usage | Indoor; Outdoor |
| IP rating | IP54 |

### Mechanical

| | |
|---|---|
| Dimension (H x W x D) (cm) | 88 x 101 x 35 cm |
| Dimension (H x W x D) (in) | 3.5 x 4 x 1.4 in |
| Material | Plastic |
| Mounting type | Surface-mounted; Flush-mounted |
| Weight (g) | 147.6 g |
| Weight (lb) | 0.33 lb |

| | **ARD-SELECT-BOM, ARD-SELECT-BOKM** |
|---|---|
| Color | Black |

| | **ARD-SELECT-WOM, ARD-SELECT-WOKM** |
|---|---|
| Color | White |

### Network

| | |
|---|---|
| Wireless technology standard | Bluetooth® Low Energy |

### Operation

| | |
|---|---|
| Audible indication | Yes |
| Credential type | Cards/keyfobs/tokens; PIN; Mobile credential |
| Optical indication | LED |
| Reading format | MIFARE Classic*; MIFARE DESFire EV1; MIFARE DESFire EV2; ISO14443A CSN 32 bit*; LEGIC prime*; LEGIC advant; ISO1593 CSN* |
| Read range (cm) | • LEGIC prime: card 65 mm maximum, key fob 40 mm maximum<br>• LEGIC advant: card 25 mm maximum, key fob 20 mm maximum |

| | |
|---|---|
| | • MIFARE Classic: card 40 mm maximum, key fob 30 mm maximum<br>• MIFARE DESFire EV1: card 10 mm maximum, key fob 10 mm maximum |
| Software compatibility | Building Integration System; Access Management System |
| Wireless transmission frequency | 13.56 MHz |

| | **ARD-SELECT-BOKM, ARD-SELECT-WOKM** |
|---|---|
| Keypad | Yes |

| | **ARD-SELECT-BOM, ARD-SELECT-WOM** |
|---|---|
| Keypad | No |

### System integration

| | |
|---|---|
| Protocols / standards | OSDP |

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

## Ordering information

**ARD-SELECT-BOM Reader, OSDP, BLE, black**
OSDP reader for MIFARE classic, MIFARE EV1 and EV2, LEGIC prime and advant, in black, designed for surface and flush mountings, IP54 rated, with BLE module.
Order number **ARD-SELECT-BOM | F.01U.389.847**

**ARD-SELECT-WOM Reader, OSDP, BLE, white**
OSDP reader for MIFARE classic, MIFARE EV1 and EV2, LEGIC prime and advant, in white, designed for surface and flush mountings, IP54 rated, with BLE module.
Order number **ARD-SELECT-WOM | F.01U.389.848**

**ARD-SELECT-BOKM Reader, OSDP, keypad, BLE, black**
OSDP reader for MIFARE classic, MIFARE EV1 and EV2, LEGIC prime and advant, in black, with keypad, designed for surface and flush mountings, IP54 rated, with BLE module.
Order number **ARD-SELECT-BOKM | F.01U.389.851**

**ARD-SELECT-WOKM Reader, OSDP, keypad, BLE, white**
OSDP reader for MIFARE classic, MIFARE EV1 and EV2, LEGIC prime and advant, in white, with keypad, designed for surface and flush mountings, IP54 rated, with BLE module.
Order number **ARD-SELECT-WOKM | F.01U.389.852**

## Accessories

**ARA-SELECT-SWA Wallmount Box Lectus Select, silver**
Wallmount box for LECTUS select Reader Series, silver, fits to all readers with black front surface.
Order number **ARA-SELECT-SWA | F.01U.389.869**

**ARA-SELECT-WWA Wallmount Box Lectus Select, white**
Wallmount box for LECTUS select Reader Series, white
Order number **ARA-SELECT-WWA | F.01U.389.868**