# ATS1125-B

## Everon and Axon keypad with Mifare reader, Black

### Simplified Icon-based user interface with a modern design

The Axon product family has a new addition - the ATS1125-B graphical LCD keypad. It ensures a safe and secure environment for users, whether they use codes or cards. With the ATS1125-B, users can access control panel functions using cards, PIN codes or even both. It offers easy operation to the end users with quick arm functionality, part set, and programmable function keys.
The ATS1125-B has a modern design, featuring a new user interface with icon-based and readable text on a large graphical LCD display, with system status, alarms, and access control functions. The contrast, intensity of the display and key lights are adjustable via the keypad, along with the volume level of the built-in buzzer. The user can easily navigate through the programming, operational features and additional function keys using the navigation keys.

### Built-in secure card reader

The ATS1125-B has a built-in Mifare Desfire EV1/EV2/EV3 card reader. In secure mode, card data is encrypted from the card to the keypad and from the keypad to the Axon control panel.
The ATS1125-B can be used for arming/disarming using the PIN code, the card or a combination of the two for higher security needs. It works with the multiple card badging solutions available in the Axon product family.
Alarm system activation: a user can turn on the alarm system by badging their card three times within a 10-second interval.
Door access control: doors can be programmed for specific behaviors based on badging with the card. For example, with a single badge scan, granting seamless entry and exit without requiring a card, and a triple badge scan will promptly re-lock the door, providing enhanced convenience for the end user.

### LED indication

Three status LEDs will continuously update the user on main conditions, faults, access control and alarms.
There is a green (power, battery LED), yellow (fault LED) and a multi-color LED bar for blue (access LED) and red (alarm LED).
The ATS1125-B LEDs are a good complement to the large graphical LCD display that shows icons to guide the end user.

### Mounting

The ATS1125-B can be installed using the mounting points in the backplate which also provide easy cable entry to connect the panel to the removable bus connector.
A big advantage of the back plate of the ATS1125-B is that the pattern fits round standard flush-mounted junction boxes with a 60-mm diameter, such as U40 or 502E.
This allows for a neat and stylish installation without extra complications. The hinges and the door are removable to make the installation as customized as possible.




### Details

- New design with a simplified icon-based user interface
- Large graphical LCD display
- Removable hinges for the lid (lid as an accessory)
- Possibility to add a custom logo to the display
- User-adjustable LCD, buzzer and key lights
- Built-in secure Mifare Desfire EV1/EV2/EV3 reader
- Supports secure Mifare (secure mode) or Mifare 4 or 7 byte CSN/UID (unsecure mode)
- Use secure ATS145x series cards or custom cards (excl. ATS1458)
- 3 programmable function keys (F+Key)

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## Technical specifications

### General

| | |
|---|---|
| User interface | 4-line graphical LCD |
| Product line | Axon, Everon |
| Status LEDs | 3 |
| Integrated reader | Secure MIFARE |

### System

| | |
|---|---|
| Function keys | 3 |
| Supported card types | MIFARE® Classic UID, MIFARE® DESFire® EV1, MIFARE® DESFire® EV2, MIFARE® DESFire® EV3 |
| Addressing type | Software Addressing |
| Supported cable type | WCAT 52/54 or equivalent |

### Communication

| | |
|---|---|
| Communication type | Wired |
| Reading distance | Up to 3 cm |

### Inputs/Outputs

| | |
|---|---|
| Inputs | 1 |
| Input type | Request to Exit (NO) |
| Outputs | 1 |
| Output type | Open collector, 13.7 V max. at 50 mA max. |

### Electrical

| | |
|---|---|
| Operating voltage | 8.7 to 15.1 VDC, 12 VDC nom. |
| Power supply type | 12 VDC |
| Current consumption | 25 mA at 12 VDC normal operation<br>115 mA at 12 VDC max. |

### Physical

| | |
|---|---|
| Physical dimensions | 97 x 155 x 25 mm |
| Net weight | 230 g |
| Colour | Black |
| Form factor | Vertical |
| Cover | Flip Cover |
| Mounting type | Surface mount |
| Material | ABS plastic |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Operating temperature | -10 to +55°C |
| Relative humidity | 0 to 95% noncondensing |
| Environment | Indoor |
| IP rating | IP30 |

### Regulatory

| | |
|---|---|
| EN50131 grade | Grade 3 |
| Compliancy | CE, RoHS |
| Certification | EN50131 Grade 3, F&P, FG, IMQ, INCERT, NFA2P, SBSC |

### Compatible products

| Category | Reference | Description |
|---|---|---|
| Accessories | ATS1125-B-LID | Each pack contains 10 units of Black LIDs.<br>The LIDs are only compatible with ATS1125-B. |

As a company of innovation, Kidde Global Solutions reserves the right to change product specifications without notice. For the latest product specifications, visit firesecurityproducts.com online or contact your sales representative.

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