ATS1125-B

Everon and Axon keypad with Mifare reader, Black

Simplified Icon-based user interface with a modern design

The Everon 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 Everon 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 Everon 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 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	

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