AX RF

DOOR OPENING TERMINAL WITH RF READER

AX RF is a modern and stylish terminal that ensures high safety standards. Easy to install and con figure, it allows controlling doors and alarm systems. The stand-alone version off ers maximum ease of con figuration made possible by special programming cards.

AX RF is a high security stand-alone system for opening doors that makes use of the most advanced identification and security technologies, all integrated in a Bticino 503 wall-mounted box.

The integrated RF reader allows the device to identify users provided with a RF MIFARE card. The round button with multi-coloured LED can be con figured to operate the internal relay, for example, to activate a doorbell. Alternatively, the internal relay can be used to unlock a locking system when a card is recognized as valid. The system also includes a buzzer and anti-tampering sensor.

Up to three I/O AX MAX cards(each with 2 relays and 2 inputs) can be connected to the device through a 485 port, which can be placed in a secure location ensuring the highest security standards.

The AX MAX optional cards perform the following functions:
• complete control of an access door (status of the door, exit button, lock, alarm);
• alarm control: arming and disarming;
• secondary relay: only activated by some users or fingerprints.

The con figuration, registration and cancellation of users are performed using special cards (MASTER) and the light button. AX RF can also function as a component of the XAtlas system becoming a slave to a controller of the system.

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For easy identification

STRENGTHS

✔ High integration: MIFARE reader, push button, anti-tamper mechanism, acoustic buzzer and relay, all housed in a BTicino 503 box;

✔ Multifunction: bell, door opener with MIFARE card, complete control of high security access points (thanks to remote-controlled relays), alarm arming/disarming, activation of secondary relay;

✔ Stand Alone: no PC and no connection required. Device configuration and addition of users via system cards;

✔ Component of XATLAS: AX RF can be configured to operate as a component of the XAtlas system. In this case, it is connected as a slave to a controller of the system.

TECHNICAL SPECIFICATIONS

PHYSICAL CHARACTERISTICS	• stand-alone system for opening of doors with MIFARE proximity reader, equipped with internal memory • compatible with Bticino 503 box
INPUT/OUTPUT DEVICES	• 1 internal relay (for doorbell) and 2 remote relays (for door closing and alarm) • 2 remote inputs: door status and exit button • anti-tampering sensor and light button • separate I/O card for remote control (AX MAX), connected in RS485 with encrypted protocol (with 2 relays and 2 inputs)
INTEGRATED READERS	4K MIFARE proximity reader
INTERFACING	• 1 button (activation of doorbell) • round LED with 3 colours • easy configuration with special programming cards (MASTER)
OTHER SERVICES	possibility to operate in the XAtlas system as a FD component on the RS485 line

www.infordata-shop.com

commerciale@infordata.it - 800 936 655