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ASSA ABLOY IN120 Exit Device User Manual

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ASSA ABLOY IN120 Exit Device

Product Information

IN120 (WIFI)

The IN120 (WIFI) is an exit device designed for secure access control in commercial buildings. It operates on six AA alkaline batteries and features a lock motor that cycles after installation. The device comes with an inside cover that needs to be assembled by hooking the top edge on the inside mounting plate, taking care not to pinch the gasket. The cover needs to be secured with a security Allen wrench. The device also features an audible beep that sounds after a slight delay once the batteries are installed. The device comes with an operational check feature that needs to be performed before closing the door. The device has a default fail-safe or fail-secure mechanism in case of a power loss.

1. Once controller is securely in place, place (6) "AA" alkaline batteries in the compartment, being careful to align polarity properly.
2. After batteries are installed, there is a slight delay; then an audible "beep" will sound and the lock motor will cycle.
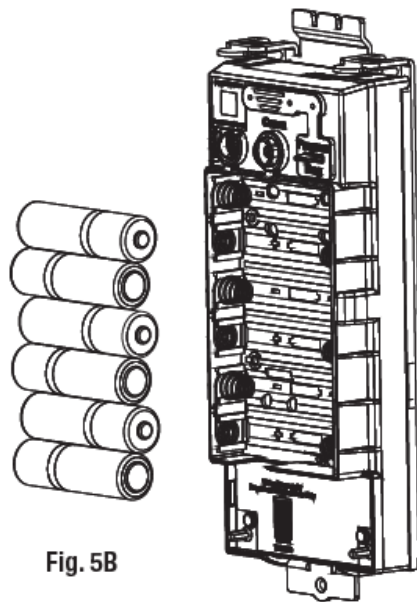
Fig. 5B

Product Usage Instructions

Follow the below instructions to use the IN120 (WIFI) exit device:

1. Securely place the controller in place and ensure the polarity is aligned properly.
2. Install six AA alkaline batteries in the compartment and wait for the audible beep and lock motor cycle.
3. Assemble the inside cover by hooking the top edge on the inside mounting plate, taking care not to pinch the gasket. Carefully press the bottom of the cover towards the door without pinching any wires. Secure the cover with a security Allen wrench.
4. Perform an operational check by ensuring that the inside exit bar retracts latch before closing the door. The device has a default fail-safe or fail-secure mechanism in case of a power loss.

Inside Cover Installation

1. Assemble cover by hooking top edge on inside mounting plate taking care not to pinch gasket (top edge goes between plate and gasket).
2. Carefully press bottom of cover toward door without pinching any wires.
3. Secure the cover with a security allen wrench.

- Note location of installed ferrite bead (IN220 PoE) and excess wires (Fig. 6A, D).

Fig. 6B
Fig. 6D
Fig. 6A
Security Allen Screw
Fig. 6C
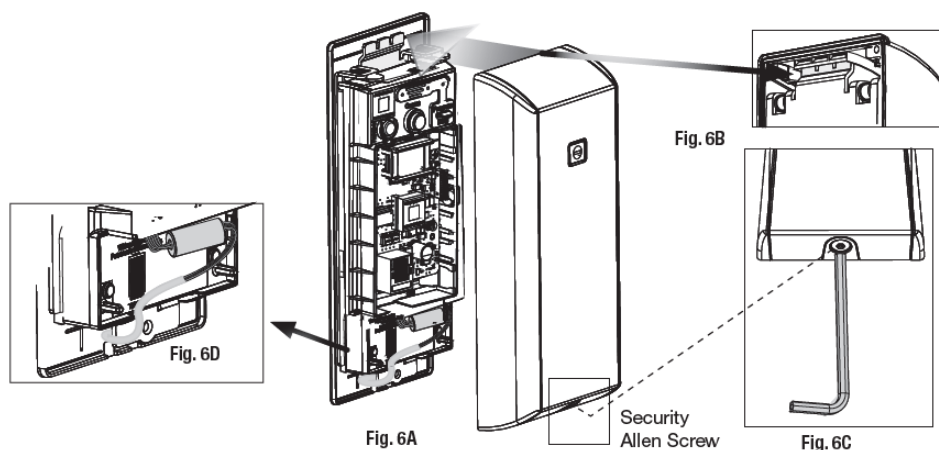
Operational Check

IMPORTANT: Be sure to test functions prior to closing door. In all cases, perform the following checks:

1. Ensure that inside exit bar retracts latch.
    - To test cylinder, the following checks apply:
      Insert key into cylinder and rotate:
        - There should be no friction against lock case, wire harness, or any other obstructions. If friction or binding occurs, readjust cylinder and wiring harness to eliminate issues.
        - The key should unlock the outside lever and the lever should rotate freely.
    - For units without a keypad, add card using LCT software* and then test.
    - For units with a keypad, add pin and card using LCT software* and then test.
2. LED signaling:
    - After using a valid credential a green flash followed by motor unlock indicates normal operation (lock unlocks)
    - After using a valid credential a green flash followed by 4 beeps and 4 fast purple flashes – indicates low power. Check the input voltage.
    - If the input voltage is low, disconnect lock from power source and check power source voltage. If power source voltage is correct, inspect lock wiring for a possible short.

If the lock loses power, it will flash rapid blue for approximately one minute. Lock will default to programmed fail safe or fail secure. After that, the lock will no longer be functional. When you have completed the tests, close the door, ensuring latch bolt fully extends into strike plate without binding.

- Twenty (20) seconds after lock initialization (single beep with lock motor actuation).

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IN120, IN220, IN120 Exit Device, IN120, Exit Device, Device

References

- **S Home | Commercial Door Hardware | SARGENT**