



ins-30093-EX



Suitability

Security-sensitive doors



Mounted on metal surface



Wet environments



Readers mounted together

300 mm
between readers

Fitting

Open hole - medium vandal resistance



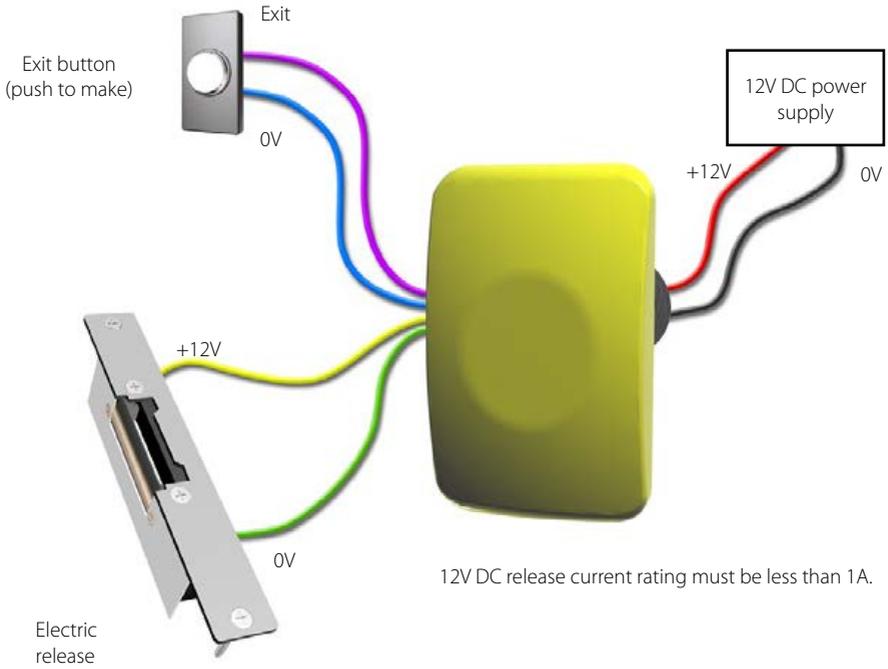
Cement plug - high vandal resistance

Blind hole - very high vandal resistance

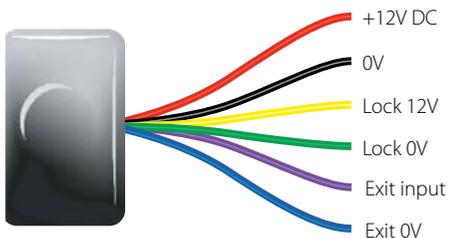


Reader covers

Additional covers are available in black, white, grey, solid blue, clear blue, green and yellow. Registered installers can order these free of charge by logging onto the secure installer extranet: <http://paxton.info/1035> or if you are not a registered installer please call us on: 01273 811011 for more information.



Wire outputs



Reset - Use one method

1. Power down the unit.
2. Press and hold the exit button.
3. Power up the unit. It will give several quick beeps.
4. Wait for a further beep and then release and press the exit button twice more.
5. The reader will beep 3 times to confirm the reset.

OR

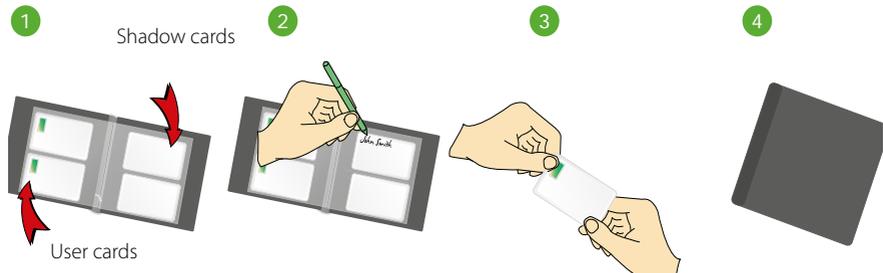
1. Present Enrolment card.
2. Present Door open time card twice.
3. Present Enrolment card.
4. Present Door open time card twice.
5. WAIT FOR 5 SECONDS!

Enrolment Card - must be presented when the system is first powered on



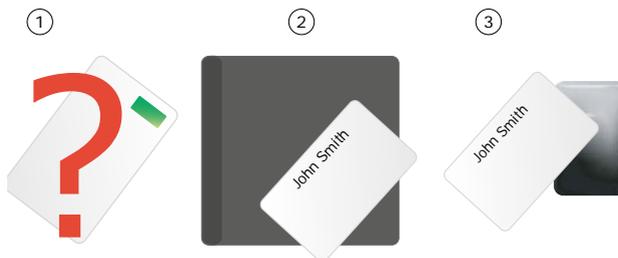
1. Take the enrolment card from the new pack of user cards.
2. Present the enrolment card to the reader.
3. The reader will beep as the enrolment card is acknowledged.
4. All cards in the pack are now valid. The enrolment card can now be returned to its pack.

Issuing tokens



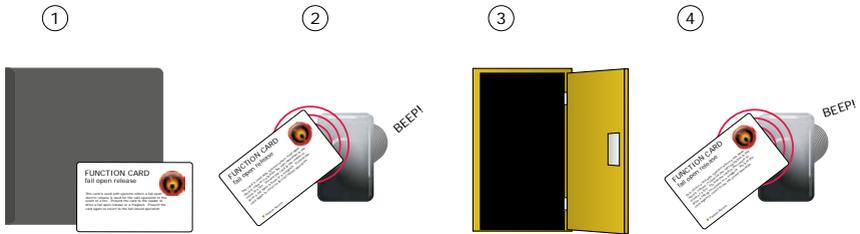
1. Across each double page there are pairs of cards - a user card and a corresponding shadow card.
2. Write the name of the user on the shadow card.
3. Take the user card from the opposite pouch and issue to the user.
4. Keep the card pack containing the shadow cards in a safe place.

Bar a user



1. When a card is lost or stolen it is important to bar the card from your system to avoid unauthorized access.
2. To bar a card or token take its corresponding shadow card from the card pack.
3. Present the shadow card to the reader. This will remove the lost card or token from your system.
4. A barred card can re-validated by presenting the enrolment card followed by the user card to the reader.

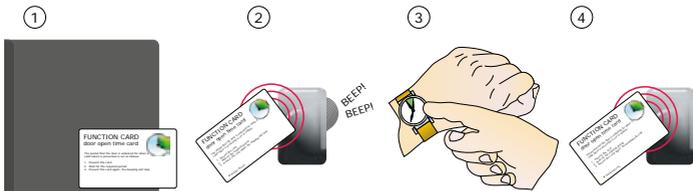
Fail open release card - Compact systems are fail closed as default



THIS CARD CAN ONLY BE USED WITH A FAIL OPEN LOCK.

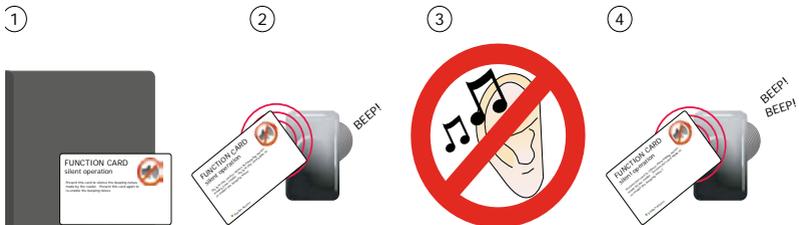
1. Take the fail open release function card from the starter pack.
2. Present/swipe the card through the reader. The reader will beep for about a second.
3. The reader is now set to fail open mode. This allows safe operation of the door in case of fire: The lock will release when the power is cut.
4. To revert to fail closed mode, swipe the card again and the reader will beep once.

Door open time (seconds)



1. Take the 'door open time' card from the starter pack.
2. Present the card to the reader. The reader will start beeping.
3. Wait for the required period you wish the door to remain open.
4. Present the card again at the end of the period to set the open time. The beeping will stop.

Silent operation



1. Take the silent operation function card from the starter pack.
2. Present the card to the reader. The reader will beep.
3. The reader is now in silent operation mode.
4. Present the card again to disable silent operation mode. The reader will beep twice.

Specifications

| Features | Min | Max | |
|---|----------|---------|------------------|
| Number of Users | 1 | 10,000 | |
| Number of Card Packs | 1 | 100 | |
| Door open time | 1 sec | 60 secs | |
| Time zones (with additional time clock) | 1 | 2 | |
| Access levels (Colour Zones) | 1 | 3 | |
| Silent operation | | | Yes |
| Can be used with fail OPEN locks | | | Yes |
| Can be used with fail CLOSED locks | | | Yes |
| Exit button input | | | Yes |
| Electrical | Min | Max | |
| Voltage | 11V DC | 14V DC | |
| Current | | 160mA | |
| Switchable current | | 1A | |
| Environment | Min | Max | |
| Operating temperature | -20 °C | +55 °C | |
| Waterproof | IPX7 | | Outdoor Use |
| Cable length | | | 3 metres |
| Dimensions | Diameter | Depth | |
| | 20 mm | 60 mm | |
| Read Range | Token | Keyfob | Hands Free Token |
| | 80 mm | 40 mm | Not Compatible |



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Paxton Access Ltd hereby declares that this product is in conformity with all the essential requirements of the Directive 2014/53/EU.

<http://paxton.info/4687>

The full declaration of conformity is provided at: <http://paxton.info/3910>

The full declaration of conformity is available on request. Contact details are provided at: <http://paxton.info/596>

These products are not suitable for retail sale. All warranties are invalid if these products are not installed by a competent person.

North America:-

Product compliance and limitations

To comply as a UL listed installation, the following conditions must apply:-

- Server based functions (Antipassback, Time and Attendance, etc) have not been evaluated by UL and cannot be used for UL 294 installations.
- Where an equivalent cable / wire is used it must be 'UL Listed' All interconnecting devices must be UL Listed.
- The use of Wiegand readers and the configuration software has not been evaluated by 'UL'
- For CAN/ULC-S319 installations, terminals, leads and wiring methods must comply with CSA, C22.1, Canadian electrical code, Part 1, safety standards for electrical installations.
- The use of any add-on, expansion, memory or other module manufactured or supplied by the manufacturer's representative will invalidate the CAN/ULC-S319 certification.
- Wiring methods shall be in accordance with the National Electrical Code (ANSI/NFPA70), local codes, and the authorities having jurisdiction.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

FCC Compliance

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Conformité et limitations du produit

Pour que l'installation réponde aux normes UL, les conditions suivantes sont applicables:-

- Les fonctions serveur (Antipassback, Pointage, etc.) n'ont pas été évalué par l'UL et ne peuvent pas être utilisés pour les installations UL294.
- L'utilisation des lecteurs Wiegand et le logiciel de configuration n'ont pas été évalués par l'UL
- Quand un câble équivalent est utilisé, il doit être listé UL. Tout appareil d'interconnexion doit être listé UL
- Pour les installations CAN/ULC-S319, les terminaux, câbles et méthodes de câblage doivent être en accord avec CSA, C22.1, code électrique canadien, Partie 1, standards de sécurité pour les installations électriques.
- L'utilisation de tout rajout, extension, mémoire ou module fabriqué ou fourni par le représentant du fabricant invalidera la certification CAN/ULC-S319
- Les méthodes de câblage doivent être en accord avec le code national électrique (ANSI/NFPA70), codes locaux et les autorités ayant la juridiction.

Conformité FCC

Ce dispositif est conforme au(x) standards RSS de l'industrie Canadienne sans-licence. Le fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne doit pas créer d'interférences nuisibles et (2) ce dispositif doit accepter toute interférence reçue, y compris des interférences qui peuvent causer un fonctionnement non souhaité.

Ce dispositif est conforme à la section 15 du règlement de la FCC. Le fonctionnement est soumis aux deux conditions suivantes : (1) ce dispositif ne doit pas créer d'interférences nuisibles et (2) ce dispositif doit accepter toute interférence reçue, y compris des interférences qui peuvent causer un fonctionnement non souhaité. Tout changement ou modification non agréé par la partie responsable de la mise en conformité peut entraîner une interdiction d'utilisation de l'équipement.

Directives d'installation

- Les lecteurs doivent être installés un minimum de 300mm/12" en dehors et pas dos à dos.
- Tous proximité (P) et un clavier proximité (KP) lecteurs ne doit pas être monté sur des surfaces métalliques.
- Connecteur par vis (en option) - L'appareil doit être monté avec un boîtier d'encastrement électrique pour obtenir l'espace nécessaire pour le connecteur. Si une plaque d'adaptation (310-750-F) est fixé, les fixations du boîtier d'encastrement peuvent être utilisés.



<http://paxton.info/1606>



Made in the UK

