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architectural hardware
Presents

Aries



ELECTRONIC TRIM SET

ISEO Zero1

ELECTRONIC
SOLUTIONS



ISEO Zero1





ARGO App

THE LATEST
EVOLUTION
OF ACCESS
CONTROL

Aries

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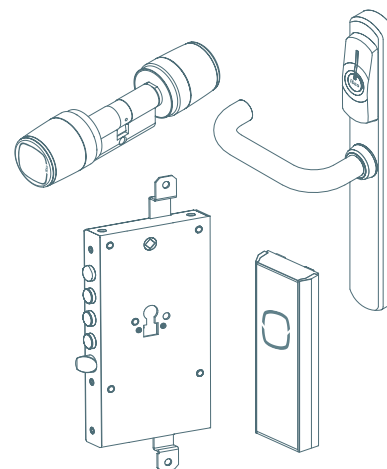
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ISEO Zero1





ARGO App THE LATEST EVOLUTION OF ACCESS CONTROL



ISEO Zero1 access control devices, Smart series, are conceived to work with Argo, the new application suitable for any smartphone, even iPhone.



OPEN WITH iPhone

Thanks to the Bluetooth Smart technology, even iPhone users can now open any door equipped with an access control device of the Smart series, without any additional hardware plug in for iPhone. The free Argo App enables any Bluetooth Smart Ready phone (iOS, Android, Windows Phone) to unlock the door.

OPEN FROM REMOTE

The Bluetooth Smart technology allows remote unlocking of the door up to a distance of 10 meters. Use your phone as a remote control to unlock your door.

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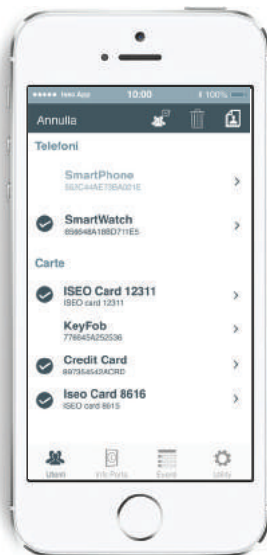
01





MANAGE THE USERS LIST

Administrators can intuitively manage the users' rights to access the doors, just with Argo App, without any additional software or internet connection. Up to 300 users can be added, deleted and edited for extra functionalities. The list of users can be transferred from door to door.



FREE SOFTWARE UPGRADE

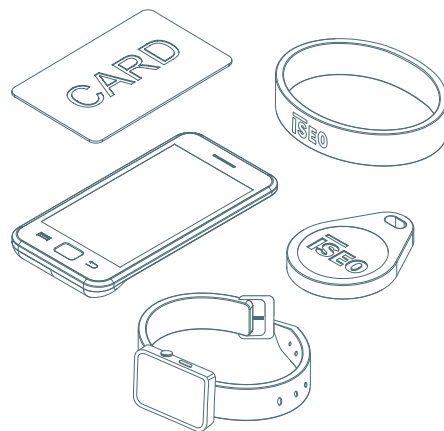
Free software updates for all the access control devices of the Smart series make sure you get the best performance from your door. When an update is available for your access control device, your smartphone notifies you. The new software will be automatically installed on the product from your phone. Thus you can always enjoy new features of the system, protecting your investment in ISEO Zero1 products. The product range compatible with Argo App (electronic cylinders and trim sets, electromechanical locks, credential readers, etc.) will be growing, stay tuned on iseozero1.com.

RETRIEVE EVENTS LOGS

Administrators can read out the last 1000 events of each door and send the report via e-mail.

OPEN WITH TAGS, CARDS AND SMART PHONE

With the electronic access control systems of the Smart series, you can use as door keys ISEO cards, MIFARE cards and tags, and Bluetooth Smart ready smartphone.



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Introduction

Why Aries Smart Handle Set



The Aries Smart Handle Set is flexible and easy to install. It can be fitted on most door types in various applications with existing mechanical lockcases. Being battery operated, Aries Smart is also easy to install without the need of wiring, so saving time, convenience and the cost of installation compared to a hard-wired access control system. It can also be opened by RFID cards and Bluetooth Smart ready phones (iOS and Android) and connects to a Bluetooth enabled smart phone.

Aries Smart is available in two versions:

- IP54 for internal door installation
- IP55 for external door installations.

The IP 55 rated, suitable for outdoor installations on external doors. The Aries Smart Handle Set combined with Argo App is suitable for private houses, apartment blocks, light commercial (offices, single entrance of commercial, server rooms, etc...).

The Aries Smart Handle Set is 38 mm wide which allows simple installation on any door types (wooden, aluminium, metal, PVC etc.). The Aries Smart Handle Set can be fitting with locks with a minimum backset of 25 mm. The nylon back plate allows to install Aries Smart electronic handle set (in combination with locks with back set minimum of 40 mm).

The back plate can be used to cover existing holes on the door. All electronic and mechanical elements are on the secure side, on the internal side. The Handle set requires 3 holes on the door for easy installation. This ensures a fast, simple and easy installation even on existing doors.

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Main Function

- Operates with Iseo cards or existing Mifare cards
- Up to 300 users (cards or phones)
- Stores the last 1000 events
- Battery life up to 50.000 openings with battery low warning signal
- Passage function (office mode) without extra battery consumption
- Remote opening via Bluetooth Smart Phones up 10 meters
- Software upgrades on site via Bluetooth Smart Phones
- Multi-functional contactless RFID readers ISO14443/A and ISO14443/B - 13,56 MHz
- Wake up by RFID card detection (patented) or Real Time Clock
- Energy-friendly, battery-operated device
- Battery charge status
- Real Time Clock/Calendar
- Handle movement detection
- Emergency mechanical key detection
- Privacy signal
- Narrow profile (38 mm)
- Compatible with most mechanical lock
- Quick and easy installation
- Light and acoustic signals
- On-site software upgrading
- IP55 version for external door installation

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Technical Features

RFID Reader:

Multi-Functional 13,56 Mhz:

- ISO14443A (Mifare Classic, Plus, Desfire)
- ISO14443B (i.e. ST microprocessor cards)
- NFC (card emulation and Peer-to-Peer)

Communication interface:

- RFID Near Field Magnetic communication - Radio BT 4.0 (SMART version only)
Patented system: -
- Wake up by RFID card or Phone for low power consumption
- Real Time Clock/Calendar

Main batteries:

- 2 AA 3.6 Vcc lithium batteries
- CR2016 lithium battery backup

Battery life:

- Up to 5 years
- Up to 50,000 opening
- 3 levels battery charge detection

Emergency override cylinder:

- High Security Iseo R90 Profile
- Usage detected by electronics
- KA on the same installation

External emergency power supply:

- For installations without override cylinder
- Connector under external cover plate
- Standard 9V battery usage

Between Centre Distance:

- 0, 72, 85 and 92 mm

Signalling:

- LEDs: 1 Green, 1 Red; Buzzer

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Privacy device (optional):

- Ergonomic knob
- Easy reset after door opening

Finishes:

- Inox - Polished Inox
- Satin brass (PVD)
- Polished brass (PVD)
- AntiGerm (on request)

Handle:

- Return-To-Door Lever Handle
- Easy Re-hand on installation

Mechanical locks compatibility:

- 7, 8 or 9 (**) mm handle follower
- Centre distance follower/cylinder 70, 72, 85 and 92 mm
- Backset: minimum 25 mm
- European Profile Cylinder
- Latchbolt only or automatic deadbolt function

Door thickness:

- 40 - 85 mm (standard)
- 85 - 120 mm (special)

Environmental characteristics:

- Operating temperature: $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$
- Storage temperature: $-25^{\circ}\text{C} \div +75^{\circ}\text{C}$
- Protection system (IP grading): IP54 or IP55

Dimensions:

- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate centre
- Weight: 1530 grams
- Suitable for use in fire/smoke resisting door assemblies

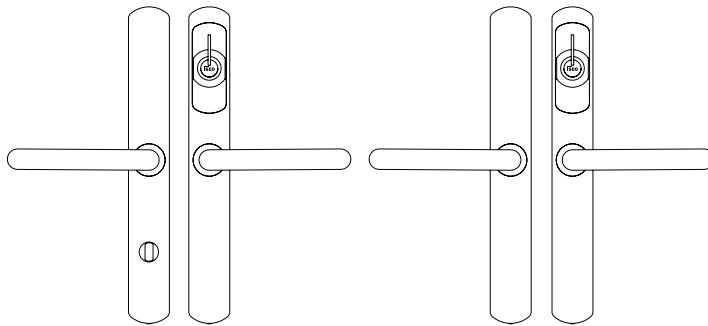
ISEO Zero1

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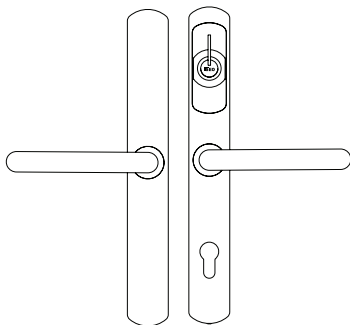




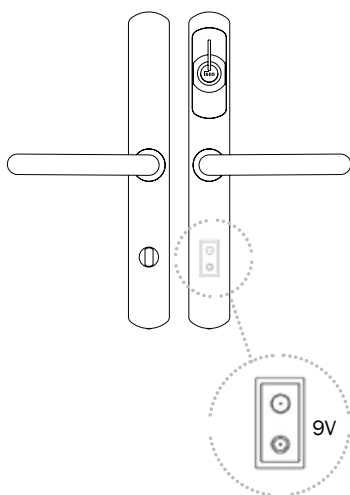
Options and Versions:



- With and without privacy device.



- With mechanical emergency key override.
- Hidden cylinder (under the external cover).
- Visible cylinder (72,85,92mm centre distance).



- Without mechanical emergency key override (external emergency power supply).

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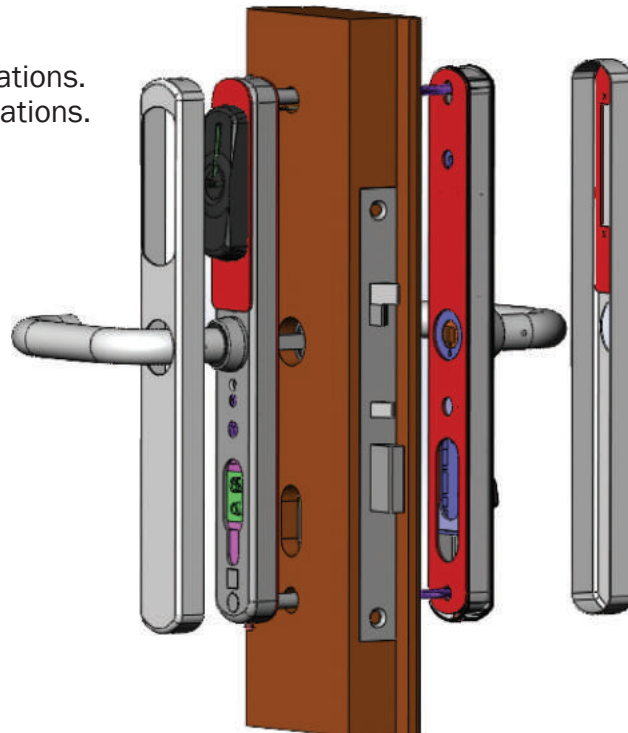


Options and Versions:

- Underplate (70mm width).
Code: IS529-E00000



- IP54 for internal installations.
- IP55 for external installations.



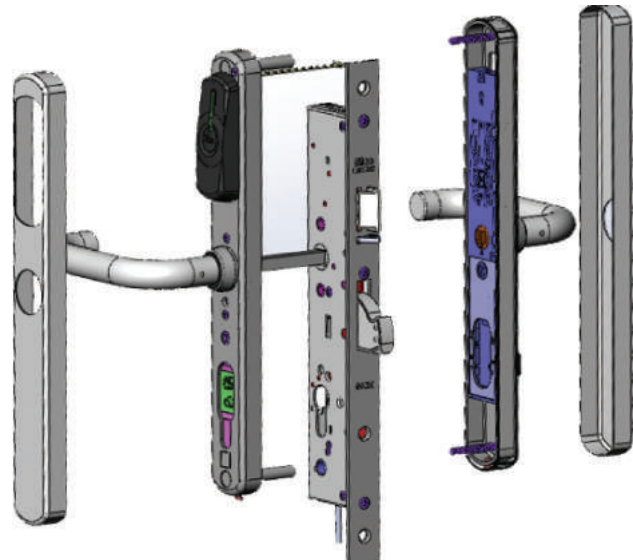
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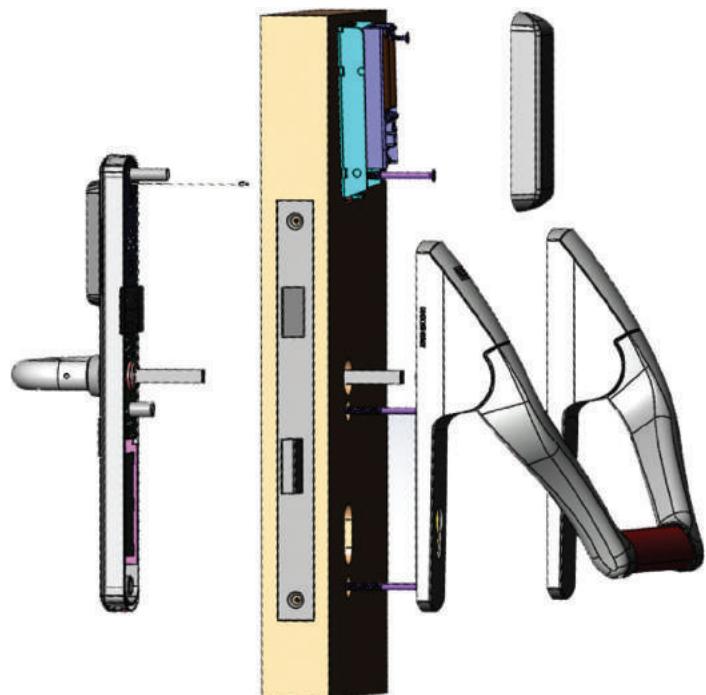


Options and Versions:

- EN179 certification available in combination with specific ISEO locks.



- EN1125 certification available in combination with specific ISEO panic devices and locks.



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Aries products selection guide

1. Electronic trim set Aries (compulsory)

IS 0 0 E 1 **X** **X** **X** 1 **X** **X** **X**

Without cylinder hole **1**

Cylinder hole center distance 85 mm **2**

Cylinder hole center distance 92 mm **3**

Cylinder hole center distance 70 mm **4**

Cylinder hole center distance 72 mm **5**

Internal usage version EN179 (IP54) **1**

Internal usage version EN1125 (IP54) **2**

External usage version EN179 (IP55) **5**

External usage version EN1125 (IP55) **6**

Electric emergency – with privacy **1**

Electric emergency – without privacy **2**

Mechanical emergency – with privacy **3**

Mechanical emergency – without privacy **4**

FINISHES

2 Inox

K Polished Inox

S Satin Brass

L Polished Brass

2 OFFLINE software

5 ARGO Software

1 NO Radio

2 Radio BT 4.0 (SMART)

Privacy	YES	NO
Override	A HIDDEN mechanical override	
	B Visible mechanical override l=70*	
	Visible mechanical override l=72 *	
	Visible mechanical override l=85	
	Visible mechanical override l=92 *	
	C Electric override	
Finish	2 Inox	
	K Polished Inox	
	S Satin Brass	
	L Polished Brass	
Environmental protection (IP grade)	IP54 (internal use)	
	IP55 (external use)	
Electronic	1 No Radio	
Software	2 Radio BT 4.0 (SMART)	
	2 Off-line	
	5 Argo	

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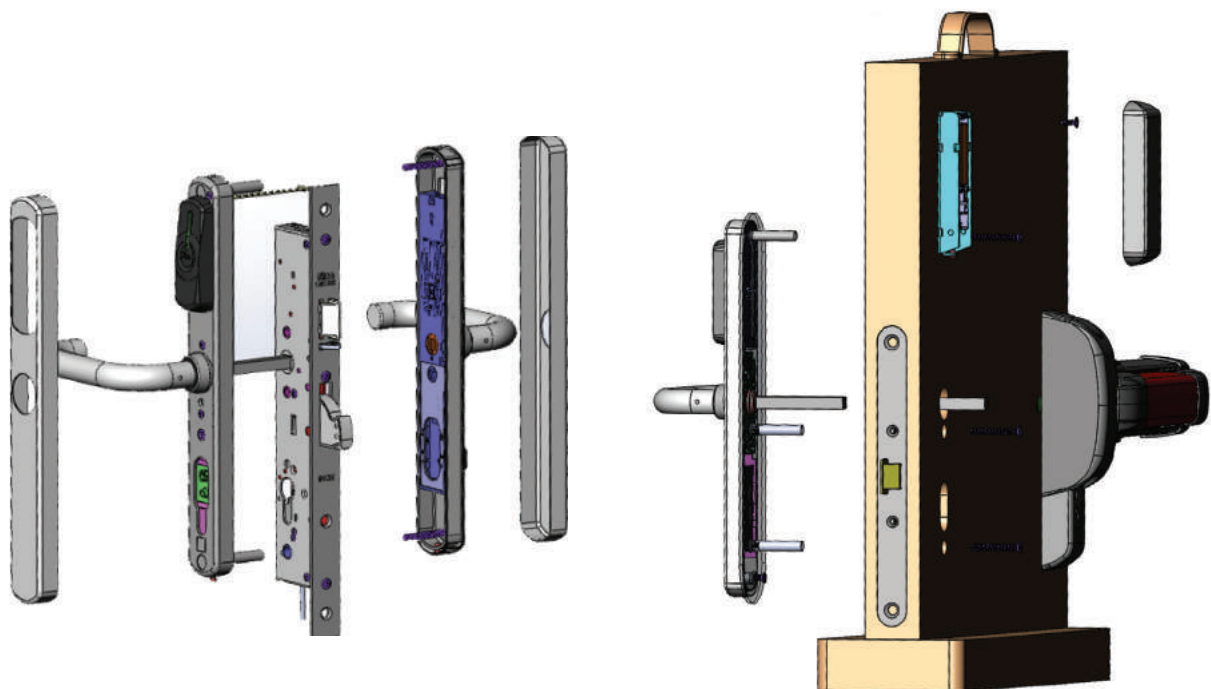
Aries BS EN179 / BS EN1125 Solution with conjunction Multiblindo Easy Exit Lateral

Multiblindo Easy Exit Lateral is auto deadlocking lock case, releasing the latchbolt and deadbolts when the handle is depressed. Multiblindo Easy Exit Lateral has 92 mm between centres and an 8mm spindle follower.

Multiblindo Easy Lateral offers highest level of security and meets prEN15685 to grade 7. Functioning with 1000 KG side load and 600 KG head on force. The multi point features a patented anti snap grade 7 27mm hook bolt offering maximum anti-intrusion resistance.

The Multiblindo Easy Exit Lateral also provides an effective access control system for escape doors BS EN179 when used with Multiblindo Easy Exit Lateral.

The Multiblindo Easy Exit Lateral by Iseo complies with European standards EN 1125:2008 for emergency exits and EN 179:2008 for escape doors. They can be used with all the mortice panic and emergency exit devices by ISEO, in all configurations.



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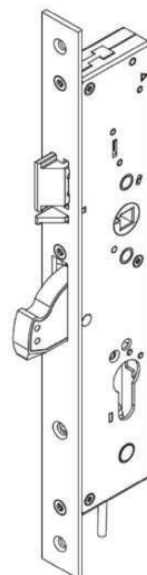
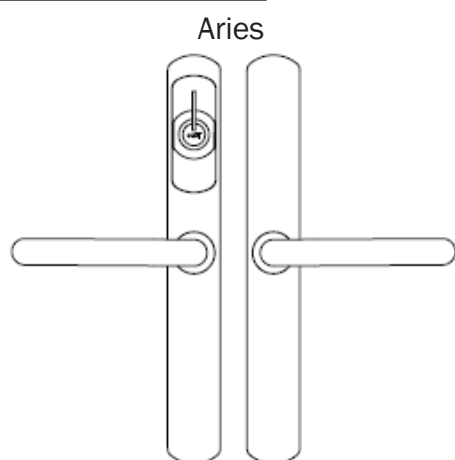




Possible Combinations:

BS EN179 Single Door

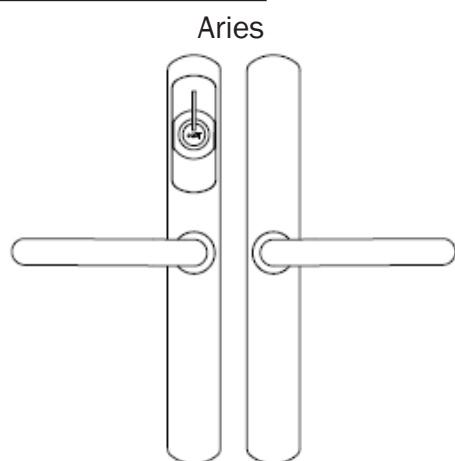
SINGLE DOOR



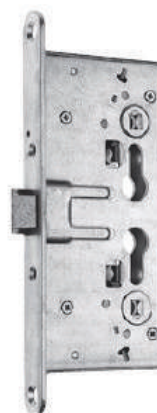
Easy Lateral

BS EN179 for double doorsets

PRIMARY LEAF



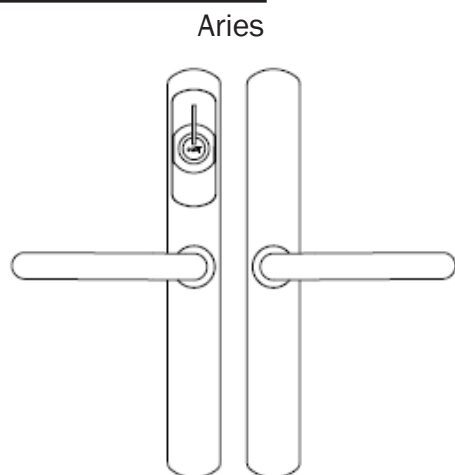
Panic function 214



Strike plate 032094



SECONDARY LEAF



Lock 2126/7



Rods 032184



Rod stopper
032144

ISEO Zero1

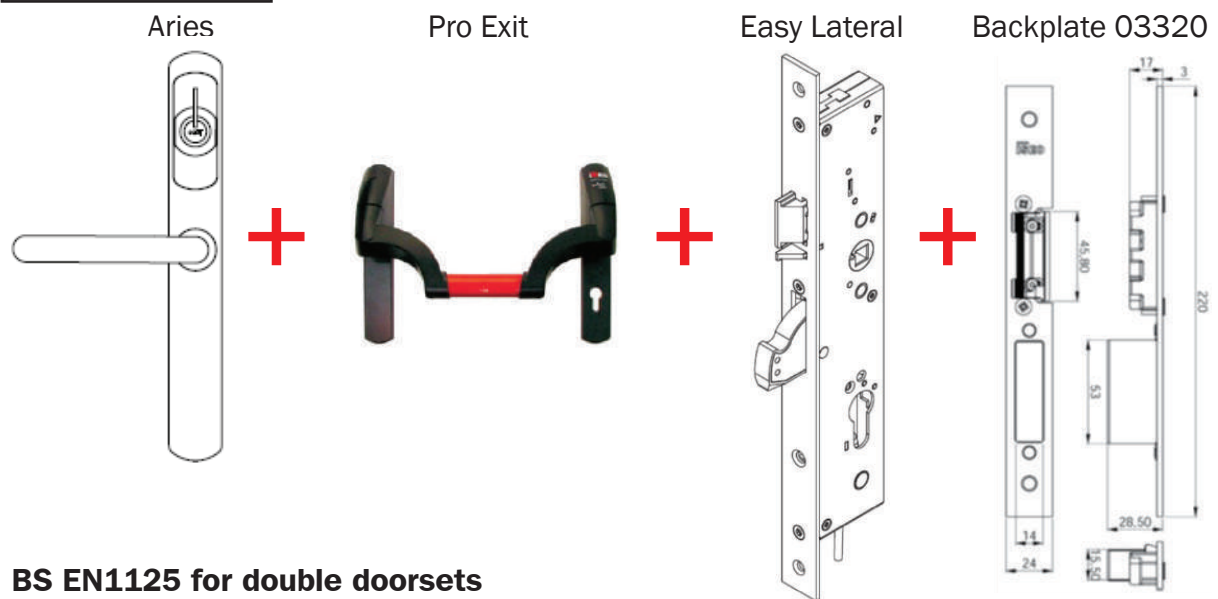




Possible Combinations (continued):

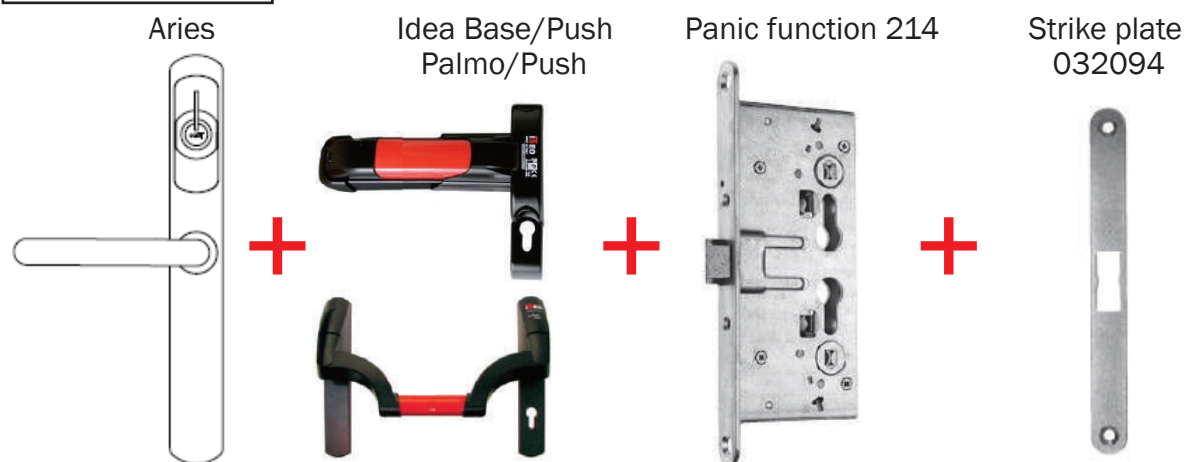
BS EN1125 Single Door

SINGLE DOOR

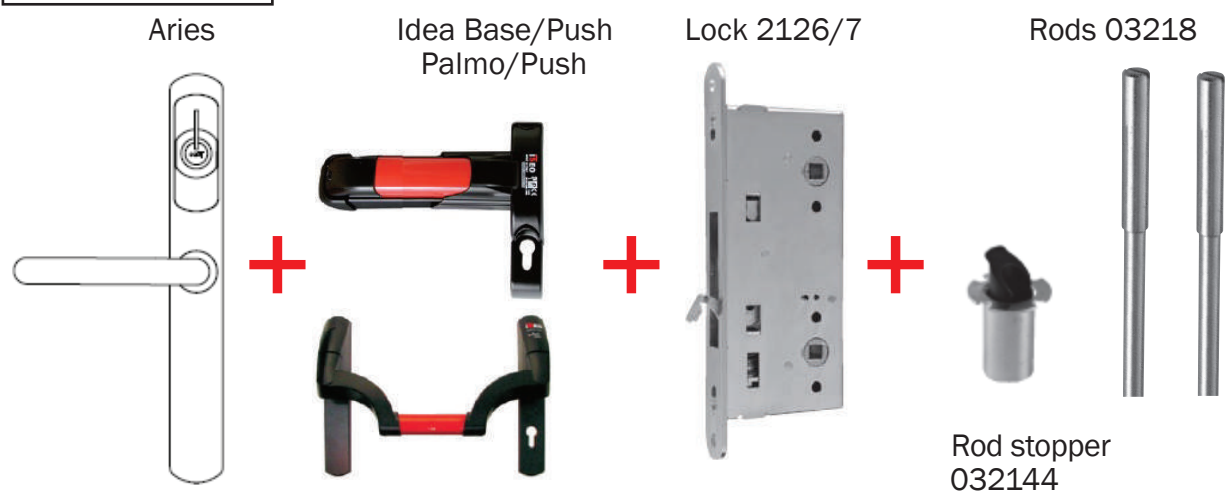


BS EN1125 for double doorsets

PRIMARY LEAF



SECONDARY LEAF

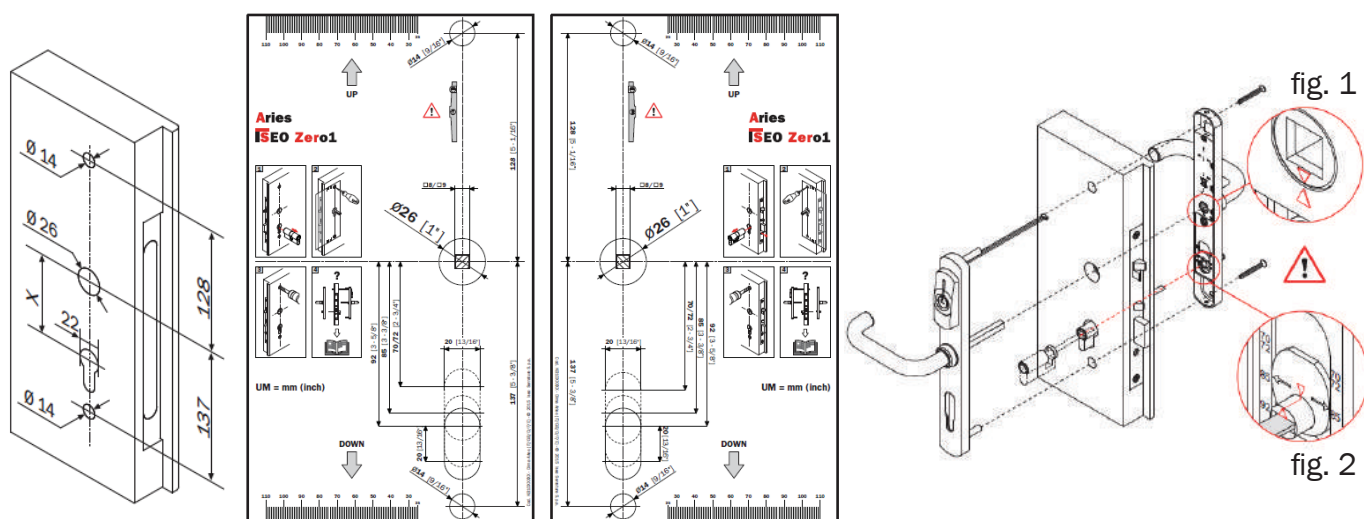


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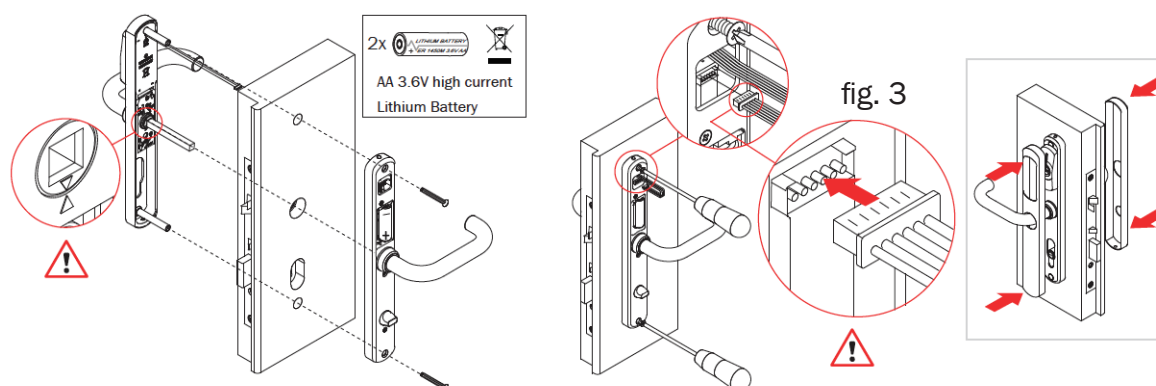


Installation

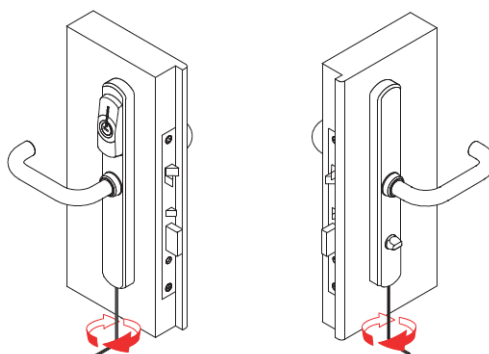
- Prepare the door
- Use the template provided to drill holes
- Line up triangles as per fig. 1
- Set distance between centres as per fig. 2



- Assemble handset to door
- Clip reader wire into the circuit board as per fig. 3



- Side on aesthetic cover plates
- Insert grub screw once the cover plates are on



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The Simple Steps to Setup and Manage your Door(s):

1. Download the Argo App and Present the Master Card
2. Pair with the Aries Handleset
3. Define the user
4. Add optional cards
5. Now you are setup to manage your door(s)



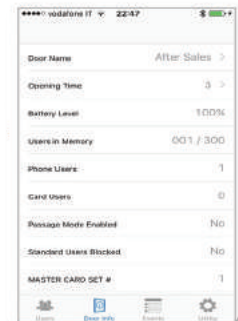
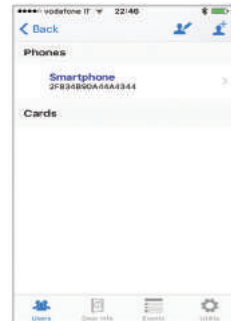
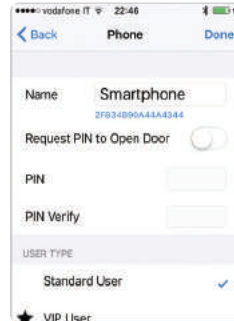
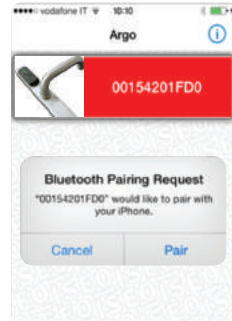
1.

2.


3.

4.

5.



User Guide and Support:

1. Download the Argo App
2. Available Access Control Device up to a distance of 10 metres
3. Click  for App Information Menu
4. View the software of your relevant ISEO devices that are supported from the app
5. Now click to view or download the relevant manuals, presentations or tutorial videos that demonstrate the step by step instructions for setting up your Aries Handleset



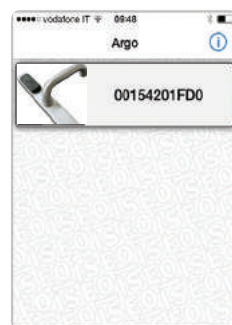
1.

2.

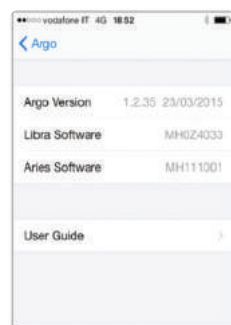
3.

4.

5.



Information on the app version and the software of the ISEO devices that are supported from the app



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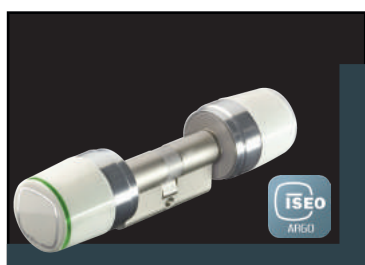
Electronic Solutions

Thanks to their high technology features, ISEO Zero1 products offer comfort and ease of use. They can all be integrated to manage any access in any situation, offering flexibility, smart solutions and security.



THE LATEST EVOLUTION OF ACCESS CONTROL

Argo App available for any smartphone (iOS and Android). Suitable for ISEO Zero1 devices thanks to Bluetooth Smart technology. No need of additional hardware plug-ins. Management of the opening authorizations. Handling of particular users' authorizations. Free software updates.



Libra SMART
Electronic Knob Cylinder



Aries SMART
Electronic Trim Set



F9000
Electromechanical Profile
Cylinder



Stylos SMART
Credential Reader



Thesis 2.0
High Security Solenoid Bolt



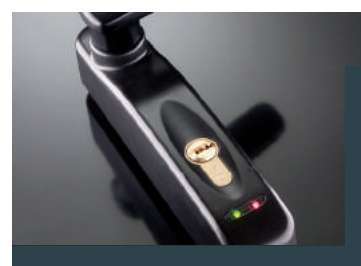
Push Sirena
Panic Exit Device with
Acoustic Alarm



X1R SMART
Electromechanical Lock for
Armoured Doors



Multiblindo
Motion EXIT
Electronic Multipoint Lock



Trim Tronic
Electronic Access Device

ISEO Zero1



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