



Zero1

Electric Products and Access Control Catalogue and Retail Price List with: **Argo System**

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ISEO Electronic Solutions includes a wide range of electronic access control devices easy to install in order to meet every application requirement. You can choose different devices according to the door type and security level required:

- cable free off-line battery operated devices, such as Aries electronic trim set and Libra electronic cylinder;
- mechatronic cylinders with power source on the key only, such as F9000:
- wired devices such as Stylos credential readers, Atlas controllers and smart locks.

All the **ISEO electronic devices** can be combined to create the following access control system solutions:

ARGO

Argo is the ideal solution for residential or "light commercial" contexts (B&B, small companies, offices, shops, professional studios etc). You can use your smartphone as well as other devices, such as Apple Watch, fingerprint readers, PIN codes, keyfobs, cards for opening your doors. All you need is installing on your door, even without replacing them, an opening device of the Smart series (electronic locks, cylinders, trim sets, etc.). Thanks to Argo App, you decide who can enter your home, your office or the room of your accommodation facility. You can even set a time slot for each access. In combination with the Smart Gateway, you can manage the door lock from remote authorizing people to enter or reading events. That's why this is the perfect solution for private homes, B&B and small hotels. For example, you can allow your guests to open their room's door with their smartphone on a specific day and time, even if you are at home or at work.

V364

V364 is an advanced access control software for commercial applications allowing to manage both on-line and off-line doors for small- and medium- sized facilities. V364 is based on web server technology which allows the system up and running in minutes as it is not necessary to install any software.

V364 features a user-friendly interface allowing the management of your electronic access control system from computer with browser. V364 supports RFID technology and the mechatronic key F9000. V364 is designed to easily scale and will be the core of your next level of facility integration by the system integrators of the ISEO Technology Partner program.



Argo Operating System

Argo is the ideal solution for managing residential or "light commercial" environments, like bed & breakfasts, shops, small offices, small businesses, and professional studios. By simply installing the Argo app on an iOS or Android smartphone, the user will have the possibility of managing, monitoring and opening all the doors upon which the Smart series ISEO devices are installed, with no need for any additional software or Internet connection: all this thanks to Bluetooth Smart technology, which allows the smartphone to communicate with the devices. Using the app installed on the smartphone, the user can organise the access permissions for up to 300 users, and view the last 1000 events detected on each door (entries, attempts at unauthorised entry, etc.).

In addition to smartphones, the doors can also be opened using Apple Watch from Series 4, ISEO USER cards and pre-existing Generic RFID cards (contactless credit cards, public transport tickets, access control cards, etc.), PIN codes and fingerprint readers. Furthermore in combination with the Smart Gateway, you can manage the door lock from remote authorizing people to enter or reading events.

Access management has never been so user-friendly: convenience and security have been combined in a completely new way to shape the future of access control.

ARGO means simplicity, access control and peace of mind.

Argo is the result of ISEO Group's intensive R&D and commitment to innovation.

Key points

- · EASY UPGRADE to an electronic access control system: the smart devices are interchangeable with existing mechanical locks.
- · WIDE RANGE OF SMART DEVICES for any door type
- · WIDE RANGE OF CREDENTIALS: Smartphone, Apple Watch, PIN Code, Fingerprint
- · EASY MANAGEMENT of the list of users with access rights.
- · QUICK CHANGE OF ACCESS RIGHTS if credentials are lost or stolen.
- · QUICK REPORTING OF EVENTS to check who opened the door, and when.
- FREE ARGO APP and lock software (firmware) upgrades.
- · ARGO APP Multilanguage
- · NO ADDITIONAL SOFTWARE to install.
- $\boldsymbol{\cdot}$ NO INTERNET CONNECTION or cloud service registration needed for the Argo app.
- · LOCK SOFTWARE (firmware) can be upgraded on site, without any need to disassemble the lock.
- POSSIBILITY OF REMOTE KEY DELIVERY with the free optional apps Argo Host and Argo Guest, and the remote key delivery Argo cloud service.
- · REMOTE DOOR LOCK MANAGEMENT in combination with the Smart Gateway, and the ISEO Argo Account

Main functions

- Memorize up to 300 users credentials (cards, phones, Apple watch, PIN, Fingerprint);
- Records the last 1000 events;
- Operates with ISEO USER card or legacy generic cards (contactless credit cards, public transportation tickets, time attendance cards...);
- Administration with 3 levels MASTER cards set, keeping a safe system management even in case of lost MASTER cards;
- Login with authorized smartphone to manage doorlock
- Management for each user Start and end validity date
- Weekdays time tables access for each user management (up to 2 time tables per user);
- Door schedules (up to 2 time tables per user);
- Invitations and Remote Key Delivery;
- Remote opening:
- Quick visualization of battery status;
- Software upgradable on site via the Bluetooth Smart Ready phone.
- REMOTE management of users
- Remote events reading



Argo from Remote

The new generation of door lock smart devices featuring Bluetooth Smart 5.0, also called Bluetooth Low Energy 5.0 or BLE 5.0, combined with the Smart Gateway allows Argo from Remote: the Argo functionalities at anytime from anywhere in the world. State of the art BLE 5.0 technology enables the door lock to simultaneous multiple connection: for example while one member of your family is opening with the smartphone the locks can connect to the a Smart Gateway and you can manage the door lock from remote adding users or reading events.



in order to operate Argo from Remote you need to have:

- 1) Argo 3.0 app
- 2) Smart devices featuring Bluetooth Smart 5.0
- 3) Smart Gateway
- 4) ISEO Argo Account



Argo APP

The Argo APP opens and programs all the locks of ISEO Smart range.

Argo App

- · Works in iOS and Android Bluetooth Smart Ready phones
- · Operating Systems:
- Android from version 5 (released November 3, 2014)
- iOS from version 10 (iPhone 5 is the oldest model supporting iOS 10 September 21, 2012)
- Communication via Bluetooth Smart (also called Bluetooth Low Energy) communicates either with BLE 4 devices and new generation BLE 5 devices
- · Secure Communication protected with:
- AES 128 encryption;
- AES Session keys AES generated with a DHEC (Diffie Hellman Elliptic Curves) algorithm
- Random Number Generator NIST (National Institute of Standard and Technology) compliant
- · No additional software to install
- · No Internet connection required
- · Multilanguage:
- available in 27 languages

Open Doors

- · Opening of doors via:
- Smartphone (distance up 10 meters)
- Smartphone protected with PIN code
- Apple Watch
- · Widget creation to open doors directly
- · Special Function setting:
 - Enable (or disable) Passage mode Function (office functions)
- Change PIN Code
- Block the Standard Users allowing access only to VIP users
- · Visualization of:
- Smart Devices battery status
- Blocked user (access allowed only to VIP)
- Passage mode (office) Enabled or Disabled or Light
- Door Status
- Privacy Status
- Smartphone Argo UID
- User guides, manuals, video tutorials
- Argo App Version
- · Notification of
- Low battery
- Software upgrades available



Lock Programming and Access authorization Management

- · Access in programming mode with
- Master card
- Login with Smartphone protected by PIN code
- Login with Smartphone (without PIN code)
- · Add New Users:
- Cards or Tags (USER DESFire, USER CLASSIC or Generic) by reading directly on RFID Reader
- Cards or Tags (USER DESFire, USER CLASSIC) by typing card number
- Cards or Tags Generic by typing silicon UID
- PIN codes from 4 to 14 digits
- Smartphones directly with MASTER card
- Smartphone by typing Argo UID
- Fingerprint
- · Add Invitation codes for self-registration of a smartphone
- · Assign time validity to Users
- with Start (date/time) End (date/time) or number of days
- validity from first use (in minutes, hours, days)
- · Assign 2 weekly time schedules for every user, on defined days of the week
- · Assign Standard or VIP type for every user
- Assign Office function capability for users
- · Assign the Block Standard user function for VIP users (to allow access only to VIP users)
- · Program Default User settings for enrolling
- · Search for Users
- · Delete Users:
- selecting multiple users
- selecting all expired users
- selecting user without Login
- single user with swipe
- Backup Users
- Restore Users
- Transfer selected users to other doors (Copy and Paste)
- · Read the events on the lock and send the log file of the last 1000 events via e-mail
- · Configure scheduled passage mode
- 2 weekly time schedules, on defined days of the week
- Activation of passage mode on first person in
- · Program door lock name
- · View the lock information:
- Lock type
- Battery Status
- Current date and time and Time Zone
- Current master card set and Level in use
- Users enrolled by type (Smartphone, Cards, PIN, Fingerprint, Invitations)
- Hardware and Firmware versions
- · Program advanced settings:
- Opening time
- Sounds enable or disable
- Bluetooth parameters
- Reset to factory or default
- Different settings specific for each lock
- Dump the lock information to send it to ISEO technical support for additional check
- Notification of software upgrades available at login
- · Add new features with software (Firmware) upgrade.
- · ARGO SDK available under Non Disclosure Agreement for iOS, Android and Linux



Remote Door Lock Management

(in combination with Smart Gateway and ISEO Argo Account)

Open from Remote

- \cdot Opening of doors via Smartphone (using ISEO Argo Account from anywhere) protected with Lock Account Password
- · Special Function setting:
- Enable (or disable) Passage mode Function (office functions)
- Block the Standard Users allowing access only to VIP users
- · Visualization of:
- Smart Devices battery status
- Blocked user (access allowed only to VIP)
- Passage mode (office) Enabled or Disabled or Light
- Door Status
- Privacy Status

Login from Remote

- · Login via Smartphone (using ISEO Argo Account from anywhere) protected with Lock Account Password
- · Add New Users:
- Cards or Tags (USER DESFire, USER CLASSIC) by typing card number
- Cards or Tags Generic by typing silicon UID
- PIN codes from 4 to 14 digits
- Smartphone by typing Argo UID
- · Add Invitation codes for self-registration of a smartphone
- $\boldsymbol{\cdot}$ Add ISEO Argo Account users with configurable permissions to:
- Manage Administrators
- Read Events
- Open from Remote
- enable/disable passage mode
- Standard or VIP user
- Assign time validity to Users
- with Start (date/time) End (date/time) or number of days
- validity from first use (in minutes, hours, days)
- Assign 2 weekly time schedules for every user, on defined days of the week
- · Assign Standard or VIP type for every user
- Assign Office function capability for users
- · Assign the Block Standard user function for VIP users (to allow access only to VIP users)
- · Search for Users
- · Delete Users:
- selecting multiple users
- selecting all expired users
- selecting user without Login
- single user with swipe
- Backup Users
- · Restore Users
- · Read the events on the lock and send the log file of the last 1000 events via e-mail



Argo Cards

Code

MASTER CARD SET.

3 cards (#1, #2, #3 the next Master automatically cancels the previous one).

Package: 3 cards, instructions.



DESFire EV2

With ISEO logo **IS5E405309.3**





DESFire EV2

With ISEO logo and UID IS5E405301



MIFARE CLASSIC

With ISEO logo and UID	IS5E402001.A
Blank on both sides	IS5E402011

Argo Keyfob and bracelet



USER KEYFOB

Leather-like Keyfob DESFire EV2

With ISEO logo and UID IS5E425301



Black ABS Keyfob DESFire EV2

With ISEO logo and UID IS5E415101



MIFARE CLASSIC

With ISEO logo and UID ISKEYFOB1356MF1

USER BRACELET



Silicone Wristband DESFire EV2

With ISEO logo and UID - Not suitable to be used with x1R Smart Hidden RFID Reader

IS5E435101



Argo Keycredit

Code

If you activate the Remote Key delivery function with Argo Host and Argo Guest, a key credit account is associated to each plant where the key credits are stored. Each virtual key issued decreases the credit by one. The host can "reload" key credits for additional virtual keys by activating Argo key credits codes. Argo key credit codes are hidden into reload scratch cards with 12 months validity: your need to reload your account at least every 12 months otherwise your current credit will be frozen. After reloading you will also reactivate the previous frozen credits. The account will be permanently deleted if no reload is happening after 24 months from the last one.



STARTER PACK WITH 100 KEYCREDITS

Promotional starter pack to activate your account with 100 virtual keys. For each plant you can use only one starter pack.

Single package IS00412011



+ 50 KEYCREDITS

Activate or reload your account with 50 virtual keys.

Single package IS00412013



+ 200 KEYCREDITS

Activate or reload your account with 200 virtual keys.

Single package IS00412015

Note: The above key credits are only required when using the Argo Guest and Host Service. Key credits are not needed for standard operation.





Smart **Gateway**







Smart Gateway

The Smart Gateway connects the cloud (ISEO Argo account) to the door lock. It communicates with the cloud with data connection and towards the door lock with Bluetooth Smart 5.0. The Smart Gateway can manage all the door locks in its Bluetooth range (around 10 meters depending on environment conditions).

The Smart Gateway is available in two models:

- W/IF
- PoE Power over Ethernet

Main functions

- Converts data (WIFI or ethernet) to Bluetooth Smart 5.0
- Housing Desktop with wall fixing option
- Embedded Linux device
- Power supply: USB C + 5VDC input power
- Maximum Power Consumption 10W

Technical Features

lechnical reatures			
CHARATERISTICS	WIFI	PoE Power over Ethernet	
Functionality	Converts from WIFI data to BLE 5.0 Dual Band WIFI at 2.4 GHz and 5 GHz	Converts from Ethernet data to BLE 5.0	
Power Supply	Powered by USB C +5VDC input power 2A (10W) POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER)	PoE (Power over Ethernet) Requires PoE Switch IEEE 802.3af up to 15,4W Delivery of data and power over CAT5e/CAT6 ethernet cable. Maximum power consumption 10W Optionally powered by USB C +5VDC input power 2A (10W) POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER)	
Size	LxDxH 125x40x85 mm	LxDxH 125x40x85 mm	
Operating conditions	Operating Temperature: 0 C/+50 C Storage Temperature: -25 C/+75 C	Operating Temperature: 0 C/+50 C Storage Temperature: -25 C/+75 C	
Installation	Desktop Wall Fixing option (accessory to order)	Desktop Wall Fixing option (accessory to order)	
Connection ports	USB C female	USB C female Ethernet TCP/IP 10/100 baseT	
Visual indicator	Signalling LEDs - Power (white): ON = Power Supply connected; - BLE (white): ON = BLE transmission in progress; - Network (white): ON = Gateway connected to Cloud; - Config (white): ON = Gateway to be configured; - Boot (red): ON = Gateway starting up.	Signalling LEDs - Power (white): ON = Power Supply connected; - BLE (white): ON = BLE transmission in progress; - Network (white): ON = Gateway connected to Cloud; - Config (white): ON = Gateway to be configured; - Boot (red): ON = Gateway starting up.	
CPU, Memory, Operating System	ARM A7 based CPU module 512 MB RAM 8 GB Flash eMMC Non volatile Memory Operating System: embedded Linux	ARM A7 based CPU module 512 MB RAM 8 GB Flash eMMC Non volatile Memory Operating System: embedded Linux	
Push buttons	Reset (reboot or factory mode status)	Reset (reboot or factory mode status)	
OEM version	Available OEM version for Argo Integrators with SDK	Available OEM version for Argo Integrators with SDK	



Smart Gateway

Code



Smart Gateway WIFI

Dual Channel WIFI 2.4 Ghz and 5 GHz POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER) Wall mount option (accessory to order)

IS5E075524

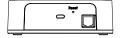




Smart Gateway PoE

Power over Ethernet
POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER)
Wall mount option (accessory to order)

IS5E075514





POWER SUPPLY

IN = 100-240V50-60Hz 0.50A OUT = 5.0Vdc 2A (10W) USB A to USB C 1.5 mt cable

IS0000A00155





WALL FIXING BRACKETS KIT

- nr. 1 Wall bracket
- nr. 1 Gateway bracket
- nr. 2 Screws
- nr. 4 Wall plugs and screws

IS0000A00154







The installation flexibility and simplicity make it the perfect solution for community and residential access control (shopping malls, industries, public and private offices, schools and universities, hospitals and retired hostels, residences and hotels, etc.).

Key points

ARIES electronic trim set can be fit on most doors. It is conceived to be used also with the majority of mechanical locks, for the utmost installation flexibility.

The battery operation and cableless technology makes ARIES the perfect solution for access management, ensuring utmost flexibility and low installation costs both on new and existing doors.

Its **38 mm** narrow profile allows for a simple installation on any door (wooden, aluminium, metal, PVC and so on), together with locks with a backset of **only 25 mm**.

The nylon underplate allows to install ARIES electronic trim set (in combination with locks with backset minimum 40 mm) in replacement of old mechanical handles covering any holes on the door.

All electronic and mechanical devices are inside the trim set and fixing only requires 3 holes on the door - one for the handle follower and one for the two fixing screws. This ensures a rapid, simple and harmless installation even on existing doors.

Minimal and stylish, with several finishes, ARIES easily adapts to any type of environment.

Main functions

- Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz)
- SMART version with Bluetooth Smart 5.0.
- Wake up by RFID card detection or phone (patented).
- Energy-friendly, battery-operated device
- Permanently open mode (office mode) without no extra battery consumption.
- 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 outdoor installation.



Technical features:

RFID Reader Multistandard 13,56 Mhz:

- ISO14443A (Mifare (***) Classic, Plus, Desfire); - ISO14443B (i.e. ST microprocessors cards);

Communication interface:

- RFID
- Bluetooth Smart 5.0

Main batteries:

- 2 AA 3.6 Vdc lithium batteries;

Battery life:

- Up to 2 years (*);
- Up to 20.000 openings (*);
- 3 levels battery charge detection.

Emergency override cylinder:

- High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings;
- Usage detected by electronics. KA on the same installation.

External emergency power supply:

- For installations with no override cylinder. Connector under external cover plate;
- Standard 9V battery usage.

Follower/cylinder center distance:

- 70, 72, 85, 88 and 92 mm.

Signalling: LEDs: 1 Green, 1 Red; Buzzer.

Privacy device (optional):

- Ergonomic knob;
- Signal reset after each door opening.

Software:

- On-site software upgradable.

Finishes:

- Inox

- Safety U-shaped profile;
- Left or rigth hand to be set during installation.

Mechanical locks compatibility:

- 7, 8 or 9 (**) mm handle follower; Center distance follower/cylinder 70, 72, 85, 88 and 92 mm;
- Backset: minimum 25 mm. European profile cylinder hole;
- Latchbolt only or automatic deadbolt function.
- Max handle rotation angle 40°
- (*) Depending on usage, environment, options.
- (**) With adaptor.
- (***) MIFARE is a NXP Semiconductors owned trademark.



Door thickness:

- 40 85 mm (standard accessories);
- 85 120 mm (special accessories).

Environmental characteristics:

- Operating temperature: -20°C ÷ +60°C;
 Storage temperature: -25°C ÷ +75°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 center;
- Weigth: 1530 gr.

Suitable for use fire/smoke resisting door assemblies.

Options and versions:

With and without privacy device;

With mechanical emergency key override:

- Hidden cylinder (under the external cover);
- Visible cylinder.

Without mechanical emergency key override (external emergency power supply);

Black plastic underplate (70 mm width);

IP54 version for protected installations or IP55 version for outdoor installations;

EN179 certification available in combination with specific locks;

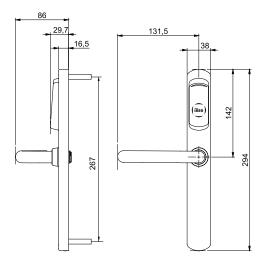
Version for installation with panic devices EN1125 certification available in combination with specific panic devices and locks;

Version for installation with DIN Locks;

Version for installation on fire-resistant doors.

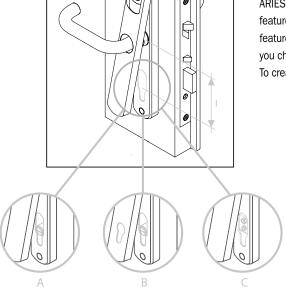
Version for installation with PremiApri Meroni handles.

Version for installation with custom handles (screwed handle fixing).





Aries Smart 2.0 products selection guide



ARIES electronic trim set is available in different versions which meet customers' needs and suit doors features. For a correct installation it is necessary to select the proper accessories according to the door features and dimensions and the specific usage exigencies. The following products selection guide helps you choosing the specific articles to place a correct order.

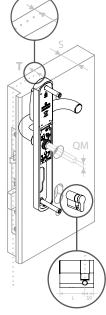
To create the code of the article you need to order, please see pages 16 to 22.

1. Electronic trim set Aries (compulsory)

0 0 E X X X X 1 5 5 X

Privacy	YES
	NO
0	
Override	A HIDDEN mechanical override
	Without cylinder hole for DIN adapting plate
	B Visible mechanical override I=70 mm
	Visible mechanical override I=72 mm
	Visible mechanical override I=85 mm
	Visible mechanical override I=92 mm
	Cylinder hole center distance 88 mm
	Cylinder hole center distance 72 mm for DIN adapting plate
	C Electric override
Finish	2 Inox
Environmental protection (IP grade)	IP54 (internal use)
	IP55 (external use)





Aries Smart 2.0 products selection guide

2. Handle follower and screws set (compulsory)

Handle follower (QM = mm)	7 mm
	8 mm
	9 mm
Door thickness (S = mm)	40 - 55 mm
	55 - 70 mm
	70 - 85 mm

3. Override cylinder (optional)

NO (in case of electric emergency override)

YES	VISIBLE CYLINDER	HIDDEN CYLINDER
	08 < T< 13 L = 30 + 10 mm	17 < T< 27 L = 30 + 10 mm
	13 < T< 23 L = 40 + 10 mm	27 < T< 37 L = 40 + 10 mm
	23 < T< 33 L = 50 + 10 mm	37 < T< 47 L = 50 + 10 mm

S = door thickness (mm)

T = distance between front plate axis of simmetry of mechanical lock and the external door edge

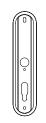


4. Override keys set (optional)

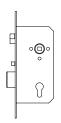


Necessary in case of mechanical override

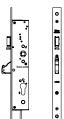
1 for plant with KA cylinders



5. Underplate (optional)



6. Lock (optional)







Code



Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

Mechanical or electrical override.

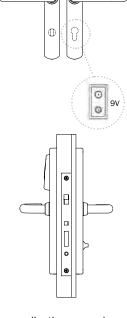
Mechanical cylinder override detection, only with ISEO R90 cylinder.

Privacy device (optional).

Security U-shaped handle.

Package: 1 trim (pair), 2 batteries, 2 mm hex key, instruction manual.

NOTE: Handle follower and fixing screws set, mechanical override cylinder and mechanical lock not included.



application example

Aries Smart – 00mm No Cyl – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E11141552
Aries Smart – 72mm Centre – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E15141552
Aries Smart – 85mm Centre – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E12141552
Aries Smart – 92mm Centre – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E13141552
Aries Smart – 00mm No Cyl – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E11541552
Aries Smart – 72mm Centre – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E15541552
Aries Smart – 85mm Centre – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E12541552
Aries Smart – 92mm Centre – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E13541552
Aries Smart – 00mm No Cyl – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E11241552
Aries Smart – 72mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E15241552
Aries Smart – 85mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E12241552
Aries Smart – 92mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E13241552
Aries Smart – 00mm No Cyl – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E11641552
Aries Smart – 72mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E15641552
Aries Smart – 85mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E12641552
Aries Smart – 92mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E13641552
Aries Smart – 00mm No Cyl – EN179 / IP54 – Privacy – BT5.0 Argo - Inox	IS00E11131552
Aries Smart – 72mm Centre – EN179 / IP54 – Privacy – BT5.0 Argo - Inox	IS00E15131552
Aries Smart – 85mm Centre – EN179 / IP54 – Privacy – BT5.0 Argo - Inox	IS00E12131552
Aries Smart – 92mm Centre – EN179 / IP54 – Privacy – BT5.0 Argo - Inox	IS00E13131552
Aries Smart – 00mm No Cyl – EN179 / IP55 – Privacy – BT5.0 Argo - Inox	IS00E11531552
Aries Smart – 72mm Centre – EN179 / IP55 – Privacy – BT5.0 Argo - Inox	IS00E15531552
Aries Smart – 85mm Centre – EN179 / IP55 – Privacy – BT5.0 Argo - Inox	IS00E12531552
Aries Smart – 92mm Centre – EN179 / IP55 – Privacy – BT5.0 Argo - Inox	IS00E13531552
Aries Smart – El Emergency – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E11121552
Aries Smart – El Emergency – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E11521552
Aries Smart – El Emergency – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E11221552
Aries Smart – El Emergency – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E11621552
Aries Smart – El Emergency – EN179 / IP54 – Privacy – BT5.0 Argo - Inox	IS00E11111552
Aries Smart – El Emergency – EN179 / IP55 – Privacy – BT5.0 Argo - Inox	IS00E11511552







Aries Smart 2.0 for panic devices

Code



Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

Mechanical or electrical override.

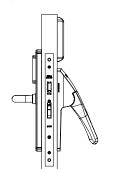
Mechanical cylinder override detection (hidden), only with ISEO R90 cylinder.

Security U-shaped handle.

EN1125 certification in combination with specific panic devices.

Package: 1 trim, 1 battery holder, 2 batteries, 2 mm hex key, instruction manual.

NOTE: Handle follower and fixing screws set, adaptes kit plate, mechanical override cylinder and mechanical lock not included.



0

application example

Aries Smart – 00mm No Cyl – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E11241552
Aries Smart – 72mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox	IS00E15241552
Aries Smart – 85mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inox Aries Smart – 92mm Centre – EN1125 / IP54 – No Privacy – BT5.0 Argo - Inoxo - Inox	IS00E12241552 IS00E13241552
	1000544644550
Aries Smart – 00mm No Cyl – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox Aries Smart – 72mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E11641552 IS00E15641552
Aries Smart – 85mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	IS00E12641552 IS00E13641552
Aries Smart – 92mm Centre – EN1125 / IP55 – No Privacy – BT5.0 Argo - Inox	1300113041332



ADAPTER PLATE KIT

For panic devices installation with

series 214* panic lock case (DIN 72 mm center distance)

For panic devices, 9 mm spindle and fixing screws for doors up to 85 mm thick

IS201E915570A



ADAPTER PLATE KIT

For RIM panic devices Idea Push installation

Package: plates, fixing screws, accessories.

Adapter plate kit For panic devices intallation with series 214* panic lock case

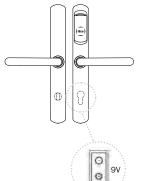
IS529E080054





Aries Smart 2.0 for DIN lock

Code



ELECTRONIC TRIM SET, ARGO SOFTWARE

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

Mechanical or electrical override.

Mechanical cylinder override detection, only with ISEO R90 cylinder.

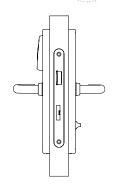
Safety handle ("U" shape).

Privacy device (optional).

Package: 1 trim (pairs), 2 batteries, 2 mm hex key, instruction manual.

NOTE: handle set, fastener screws, adapter plate kit, emergency cylinder and mechanical lock not included.

Adapter plate item code indicated below.



Aries Smart – 00mm No Cyl – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox Aries Smart – 72mm Centre – EN179 / IP54 – No Privacy – BT5.0 Argo - Inox

IS00E1B141552 IS00E158141552

Aries Smart – 00mm No Cyl – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox Aries Smart – 72mm Centre – EN179 / IP55 – No Privacy – BT5.0 Argo - Inox

IS00E1B541552 IS00E18541552

application example



ADAPTER PLATE KIT For DIN locks installation

Package: plates

ADAPTER PLATE KIT

IS529E080054

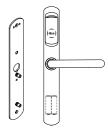






Aries Smart 2.0 for fire locks

Code



ELECTRONIC TRIM SET, ARGO SOFTWARE

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

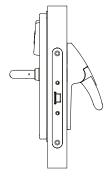
External faceplate with batteries. No emergency and/or privacy option. No mechanical cylinder.

Safety handle ("U" shape).

EN1125 certified when used together with specific panic devices.

Package: 1 trim, 1 adapter plate kit, 1 handle set, 2 batteries, fastener screws, 2 mm hex key, instruction manual.

NOTE: mechanical lock and panic devices not included.



Aries Smart - 00mm No Cyl - EN1125 / IP54 - No Privacy - BT5.0 Argo - Inox

IS00E19201552

Aries Smart - 00mm No Cyl - EN1125 / IP55 - No Privacy - BT5.0 Argo - Inox

IS00E19601552

application example



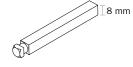
Code

SCREWS AND HANDLE FOLLOWER KIT

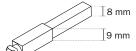
2 screws M5 with threadlocking. Package: 2 screws, 1 handle follower

NOTE: Select the right kit depending on door thickness.

8 mm Spindle



Door thickness from 40 to 55 mm Door thickness from 55 to 70 mm Door thickness from 70 to 85 mm IS201E004055A IS201E005570A IS201E007085A



$^{19\,\mathrm{mm}}$ 9 mm Spindle (for fire doors)

Door thickness from 40 to 55 mm Door thickness from 55 to 70 mm Door thickness from 70 to 85 mm IS201E094055A IS201E095570A IS201E097085A



ADAPTER FOR HANDLE FOLLOWER

8 to 9 mm adapter

Adapter for handle follower

IS5060000900092



Code





OVERRIDE KEYS KIT

3 R90 keys in sequence

Property cards

Package: 3 keys, 2 property cards

3 R90 keys in sequence, 3 keys, 2 property cards

IS201E074055A



OVERRIDE MECHANICAL CYLINDER

Monoprofile with usage detection plate

High Security ISEO R90 Factory

Up to 3 mechanical recodings

KA on the same installation

Nickel plated finish

Without keys

Package: 1 cylinder, 1 fixing screw

NOTE: Select the right dimension depending on door and lock features

Override keys to be ordered separately.

Lenght 30 - 10 mm

Lenght 40 - 10 mm

Lenght 50 - 10 mm

IS82RC030A19RF.08 IS82RC040A19RF.08 IS82RC050A19RF.08



PLASTIC UNDERPLATE

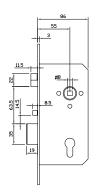
Black plastic underplate to cover up eventually visible key holes

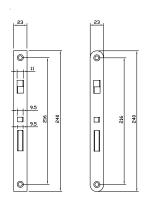
Dimensions: H=312 mm, L=70 mm

Package: 1 underplate

Black plastic underplate - Dimensions: H=312 mm, L=70 mm

IS529E00000





AUTOMATIC MECHANICAL LOCK

Mortise lock, automatic deadbolt function (18 mm extension)

Panic exit function, splitted latchbolt, equipped with

devices against forced entry (reversible).

Backset: 55 mm, center distance: 85 mm, 8 mm handle follower

Chrome plated, squared/rounded frontplate

Package: 1 lock, 1 striking plate.

Squared frontplate

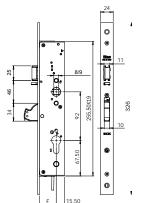
IS207553.Z

Rounded frontplate

IS217553.Z



Code



MULTIBLINDO EASY EXIT LATERAL.

Automatic lock with emergency function to be used with Aries.

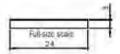
Locking: deadbolt automatic relocking when the door is closed.

Opening: latchbolt and deadbolt operated by the handle or the k

Opening: latchbolt and deadbolt operated by the handle or the key. Center distance 92 mm.

The microswitch detects and signals the deadbolt status. Right or left latchbolt $% \left(1\right) =\left(1\right) \left(1\right)$

EasyExitLateral 9mm-UPlate 326x24x6 35mm L EasyExitLateral 9mm-UPlate 326x24x6 40mm L EasyExitLateral 9mm-UPlate 326x24x6 45mm L EasyExitLateral 9mm-UPlate 326x24x6 55mm L EasyExitLateral 9mm-UPlate 326x24x6 65mm L EasyExitLateral 9mm-UPlate 326x24x6 65mm L EasyExitLateral 9mm-UPlate 326x24x6 65mm L EasyExitLateral 9mm-UPlate 326x24x6 45mm R EasyExitLateral 9mm-UPlate 326x24x6 45mm R EasyExitLateral 9mm-UPlate 326x24x6 55mm R EasyExitLateral 9mm-UPlate 326x24x6 55mm R EasyExitLateral 9mm-UPlate 326x24x6 65mm R EasyExitLateral 9mm-UPlate 326x24x6 65mm R EasyExitLateral 9mm-UPlate 326x24x6 65mm R EasyExitLateral 8mm-UPlate 326x24x6 55mm L	IS7A19043522S.A IS7A19044022S.A IS7A19044522S.A IS7A19045522S.A IS7A19045522S.A IS7A19046022S.A IS7A19046522S.A IS7A19043522D.A IS7A19044022D.A IS7A19045522D.A IS7A19045522D.A IS7A19045522D.A IS7A19046022D.A IS7A19046022D.A IS7A19046522D.A IS7A12045522S.A IS7A12045522S.A
EasyExitLateral 8mm-UPlate 326x24x6 60mm L EasyExitLateral 8mm-UPlate 326x24x6 65mm L	IS7A12046022S.A IS7A12046522S.A
EasyExitLateral 8mm-UPlate 326x24x6 35mm R EasyExitLateral 8mm-UPlate 326x24x6 40mm R EasyExitLateral 8mm-UPlate 326x24x6 45mm R EasyExitLateral 8mm-UPlate 326x24x6 50mm R EasyExitLateral 8mm-UPlate 326x24x6 65mm R EasyExitLateral 8mm-UPlate 326x24x6 60mm R EasyExitLateral 8mm-UPlate 326x24x6 65mm R	IS7A12043522D.A IS7A12044022D.A IS7A12044522D.A IS7A12045022D.A IS7A12045522D.A IS7A12046022D.A IS7A12046522D.A



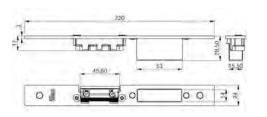
EasyExitLateral 9mm PPlate 326x24x6 35mm L EasyExitLateral 9mm PPlate 326x24x6 40mm L EasyExitLateral 9mm PPlate 326x24x6 45mm L EasyExitLateral 9mm PPlate 326x24x6 50mm L EasyExitLateral 9mm PPlate 326x24x6 55mm L EasyExitLateral 9mm PPlate 326x24x6 60mm L EasyExitLateral 9mm PPlate 326x24x6 65mm L	IS7A19163522S.A IS7A19164022S.A IS7A19164522S.A IS7A19165022S.A IS7A19165522S.A IS7A19166022S.A IS7A19166522S.A
EasyExitLateral 9mm FPlate 326x24x6 35mm R EasyExitLateral 9mm FPlate 326x24x6 40mm R EasyExitLateral 9mm FPlate 326x24x6 45mm R EasyExitLateral 9mm FPlate 326x24x6 50mm R EasyExitLateral 9mm FPlate 326x24x6 55mm R EasyExitLateral 9mm FPlate 326x24x6 60mm R EasyExitLateral 9mm FPlate 326x24x6 65mm R	IS7A19163522D.A IS7A19164022D.A IS7A19164522D.A IS7A19165022D.A IS7A19165522D.A IS7A19166022D.A IS7A19166522D.A
EasyExitLateral 8mm PPlate 326x24x6 35mm L EasyExitLateral 8mm PPlate 326x24x6 40mm L EasyExitLateral 8mm PPlate 326x24x6 45mm L EasyExitLateral 8mm PPlate 326x24x6 50mm L EasyExitLateral 8mm PPlate 326x24x6 55mm L EasyExitLateral 8mm PPlate 326x24x6 60mm L EasyExitLateral 8mm PPlate 326x24x6 65mm L	IS7A12163522S.A IS7A12164022S.A IS7A12164522S.A IS7A12165022S.A IS7A12165522S.A IS7A12166022S.A IS7A12166522S.A
EasyExitLateral 8mm FPlate 326x24x6 35mm R EasyExitLateral 8mm FPlate 326x24x6 40mm R EasyExitLateral 8mm FPlate 326x24x6 45mm R EasyExitLateral 8mm FPlate 326x24x6 50mm R EasyExitLateral 8mm FPlate 326x24x6 55mm R EasyExitLateral 8mm FPlate 326x24x6 60mm R EasyExitLateral 8mm FPlate 326x24x6 65mm R	IS7A12163522D.A IS7A12164022D.A IS7A12164522D.A IS7A12165022D.A IS7A12165522D.A IS7A12166022D.A IS7A12166522D.A







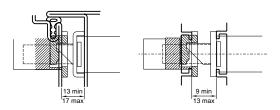
Full-size scale



ADJUSTABLE closed striking plate for **CENTRAL LOCK** MULTIBLINDO EASY.

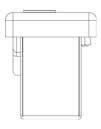
Material: stainless steel. With mechanical striker.

M/blino Central Strike Plate - U-Plate 24x6x220 L M/blino Central Strike Plate - U-Plate 24x6x220 R

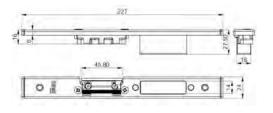


In case the space between the striking plate and the door is greater, it is necessary to use a spacer for the striking plate

> IS033202 IS033203



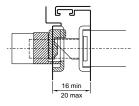
Full-size scale



ADJUSTABLE closed striking plate for **CENTRAL LOCK** MULTIBLINDO EASY.

Material: stainless steel. With mechanical striker.

M/blino Central Strike FPlate $24x3x220mm\,L$ M/blino Central Strike FPlate $24x3x220mm\,R$



In case the space between the striking plate and the door is greater, it is necessary to use a spacer for the striking plate

IS033200 IS033201



Code



AESTHETIC INTERNAL COVER

Without privacy Package: 1 cover

Without Privacy Inox IS561E1130240

85mm lnox **IS561E1220240**

72mm lnox **IS561E1520240**

92mm lnox IS561E1620240



AESTHETIC INTERNAL COVER

With privacy Package: 1 cover

With Privacy Inox IS561E1330240



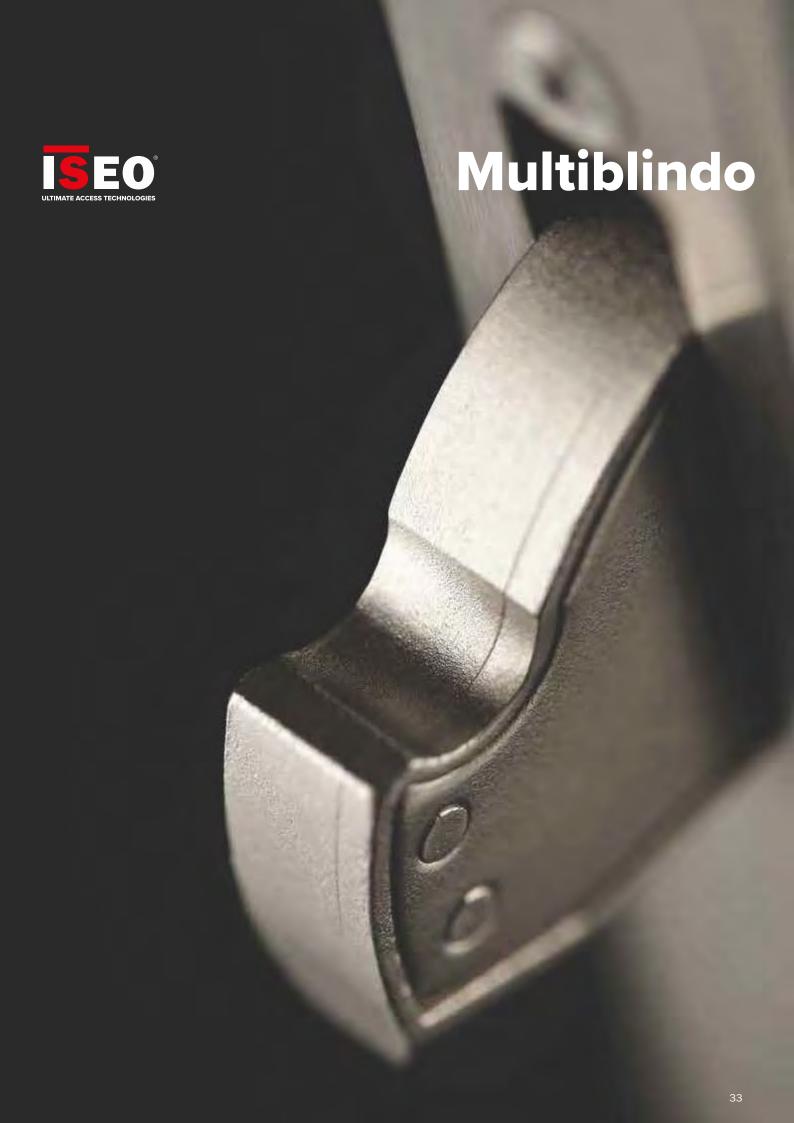
BATTERY

High current lythium battery Size AA, 3.6 Vcc

High current lythium battery- Size AA, 3.6 Vcc

IS58200000E0360

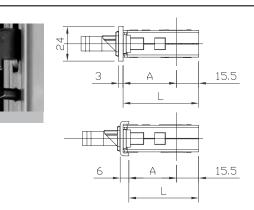






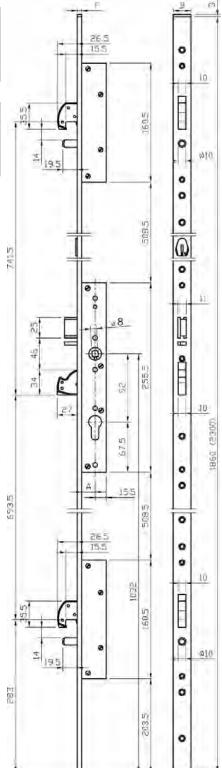


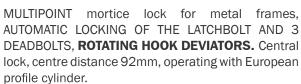
Multiblindo Easy 92 mm centre distance



ENTRATA	Α	L
35	32	47.5
40	37	52.5
45	42	57.5
50	47	62.5
55	52	67.5
60	57	72.5
65	62	77.5
65	62	77.5

ENTRATA	Α	L	
35	28	43.5	
40	33	48.5	
45	38	53.5	
50	43	58.5	
55	48	63.5	
60	53	68.5	
65	58	73.5	





Right or left latchbolt, non reversible. Deadbolts and latchbolt operated by key or handle.

Lock and deviators deadbolts, 27mm throw, with antidrill and anti-cut cover plates in carbonitrided steel. 2 nylon end blocks for U-version. Fixing screws. Instruction sheet.

Accessories to be ordered separately: Striking plates

U-front plate in stainless steel 24x6: mechanical strikers IS-033232 - IS-033233 electric strikers IS-033242 - IS-033243 strikers for deviators IS-033167 - IS-033171 Flat front plate in stainless steel 24x3: mechanical strikers IS-033230 - IS-033231 electric strikers IS-033240 - IS-033241 strikers for deviators IS-033165 - IS-033169

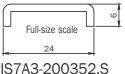




Multiblindo Easy 92 mm centre distance

CODE

DESCRIPTION



IS7A3-200352.S IS7A3-200402.S IS7A3-200452.S IS7A3-200502.S

IS7A3-200502.S IS7A3-200552.S IS7A3-200602.S IS7A3-200652.S

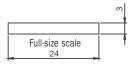
IS7A3-200352.D IS7A3-200402.D IS7A3-200452.D

IS7A3-200502.D IS7A3-200552.D IS7A3-200602.D IS7A3-200652.D U-Plate
Din Left

Easy U-Plate 2300x24x6 35mm L Easy U-Plate 2300x24x6 40mm L Easy U-Plate 2300x24x6 45mm L Easy U-Plate 2300x24x6 50mm L Easy U-Plate 2300x24x6 55mm L Easy U-Plate 2300x24x6 60mm L Easy U-Plate 2300x24x6 65mm L

Din Right

Easy U-Plate 2300x24x6 35mm R Easy U-Plate 2300x24x6 40mm R Easy U-Plate 2300x24x6 45mm R Easy U-Plate 2300x24x6 50mm R Easy U-Plate 2300x24x6 55mm R Easy U-Plate 2300x24x6 60mm R Easy U-Plate 2300x24x6 65mm R



Flat Plate Din Left

IS7A3-210352.S IS7A3-210402.S IS7A3-210452.S IS7A3-210502.S IS7A3-210552.S IS7A3-210602.S IS7A3-210652.S

IS7A3-210352.D IS7A3-210402.D IS7A3-210452.D IS7A3-210502.D IS7A3-210552.D IS7A3-210602.D

IS7A3-210652.D

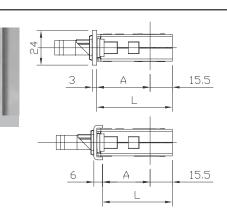
Easy Flat Plate 2300x24x3 35mm L
Easy Flat Plate 2300x24x3 40mm L
Easy Flat Plate 2300x24x3 45mm L
Easy Flat Plate 2300x24x3 50mm L
Easy Flat Plate 2300x24x3 55mm L
Easy Flat Plate 2300x24x3 60mm L
Easy Flat Plate 2300x24x3 65mm L

Din Right
Easy Flat Plate 2300x24x3 35mm R
Easy Flat Plate 2300x24x3 40mm R
Easy Flat Plate 2300x24x3 45mm R
Easy Flat Plate 2300x24x3 50mm R
Easy Flat Plate 2300x24x3 55mm R
Easy Flat Plate 2300x24x3 60mm R
Easy Flat Plate 2300x24x3 65mm R



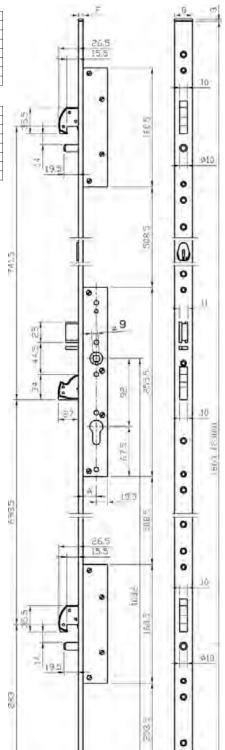


Multiblindo Easy EXIT 92 mm centre distance



ENTRATA	Α	L
35	32	47.5
40	37	52.5
45	42	57.5
50	47	62.5
55	52	67.5
60	57	72.5
65	62	77.5

ENTRATA	Α	L	
35	28	43.5	
40	33	48.5	
45	38	53.5	
50	43	58.5	
55	48	63.5	
60	53	68.5	
65	58	73.5	



Multiblindo Easy EXIT with panic function is made up of the MULTIPOINT mortice lock in combination with its striking plates and the operation bar Pro EXIT. Central lock, centre distance 92mm, operating with European profile cylinder. Hold-open function.

With microswitch detects and signals the deadbolt status. Right or left latchbolt, non reversible. Deadbolts and latchbolt operated by key or handle. Lock and deviators deadbolts, 27mm throw, with antidrill and anti-cut cover plates in carbonitrided steel. 2 nylon end blocks for U-version. Fixing screws. Instruction sheet.

Accessories to be ordered separately: Striking plates

U-front plate in stainless steel 24x6: mechanical strikers IS-033232 - IS-033233 electric strikers IS-033242 - IS-033243 strikers for deviators IS-033167 - IS-033171 Flat front plate in stainless steel 24x3: mechanical strikers IS-033230 - IS-033231 electric strikers IS-033240 - IS-033241 strikers for deviators IS-033165 - IS-033169





Multiblindo Easy EXIT 92 mm centre distance

CODE

DESCRIPTION



IS7A3-9003522SA IS7A3-9004022SA IS7A3-9004522SA IS7A3-9005022SA IS7A3-9006022SA IS7A3-9006522SA

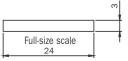
IS7A3-9003522DA IS7A3-9004022DA IS7A3-9004522DA IS7A3-9005022DA IS7A3-9006522DA IS7A3-9006522DA

U-Plate Din Left

EasyExit U-Plate 2300x24x6 35mm L
EasyExit U-Plate 2300x24x6 40mm L
EasyExit U-Plate 2300x24x6 45mm L
EasyExit U-Plate 2300x24x6 50mm L
EasyExit U-Plate 2300x24x6 55mm L
EasyExit U-Plate 2300x24x6 60mm L
EasyExit U-Plate 2300x24x6 65mm L

Din Right

EasyExit U-Plate 2300x24x6 35mm R
EasyExit U-Plate 2300x24x6 40mm R
EasyExit U-Plate 2300x24x6 45mm R
EasyExit U-Plate 2300x24x6 50mm R
EasyExit U-Plate 2300x24x6 55mm R
EasyExit U-Plate 2300x24x6 60mm R
EasyExit U-Plate 2300x24x6 65mm R



IS7A3-9103522SA IS7A3-9104022SA IS7A3-9104522SA IS7A3-9105022SA IS7A3-9105522SA IS7A3-9106022SA IS7A3-9106522SA

IS7A3-9103522DA IS7A3-9104022DA IS7A3-9104522DA IS7A3-9105022DA IS7A3-9105522DA IS7A3-9106022DA IS7A3-9106522DA

Flat Plate Din Left

EasyExit Flat Plate 2300x24x3 35mm L EasyExit Flat Plate 2300x24x3 40mm L EasyExit Flat Plate 2300x24x3 45mm L EasyExit Flat Plate 2300x24x3 50mm L EasyExit Flat Plate 2300x24x3 55mm L EasyExit Flat Plate 2300x24x3 60mm L EasyExit Flat Plate 2300x24x3 65mm L

Din Right

EasyExit Flat Plate 2300x24x3 35mm R EasyExit Flat Plate 2300x24x3 40mm R EasyExit Flat Plate 2300x24x3 45mm R EasyExit Flat Plate 2300x24x3 50mm R EasyExit Flat Plate 2300x24x3 55mm R EasyExit Flat Plate 2300x24x3 60mm R EasyExit Flat Plate 2300x24x3 65mm R

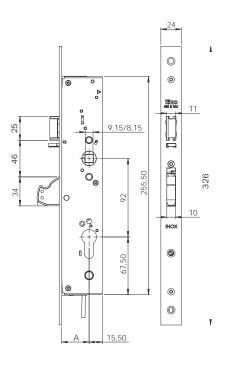


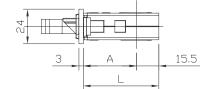




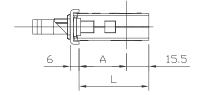


Blindo Easy EXIT lateral lockcases





ENTRATA	Α	L
35	32	47.5
40	37	52.5
45	42	57.5
50	47	62.5
55	52	67.5
60	57	72.5
65	62	77.5



ENTRATA	Α	L
35	28	43.5
40	33	48.5
45	38	53.5
50	43	58.5
55	48	63.5
60	53	68.5
65	58	73.5

Blindo Easy EXIT with panic function in combination with its striking plates and the operation bar Pro EXIT. Central lock, centre distance mm 92, operating with European profile cylinder.

Without hold-open function. With microswitch detects and signals the deadbolt status. Right or left latchbolt, **non reversible**.

Deadbolts and latchbolt operated by key or handle. Lock mm 27 throw, with anti-drill and anti-cut cover plates in carbonitrided steel. Fixing screws. Instruction sheet.

Accessories to be ordered separately: U-front plate in stainless steel 24x6: mechanical strikers IS-033232 - IS-033233 electric strikers IS-033242 - IS-033243

Flat front plate in stainless steel 24x3: mechanical strikers IS-033230 - IS-033231 electric strikers IS-033240 - IS-033241

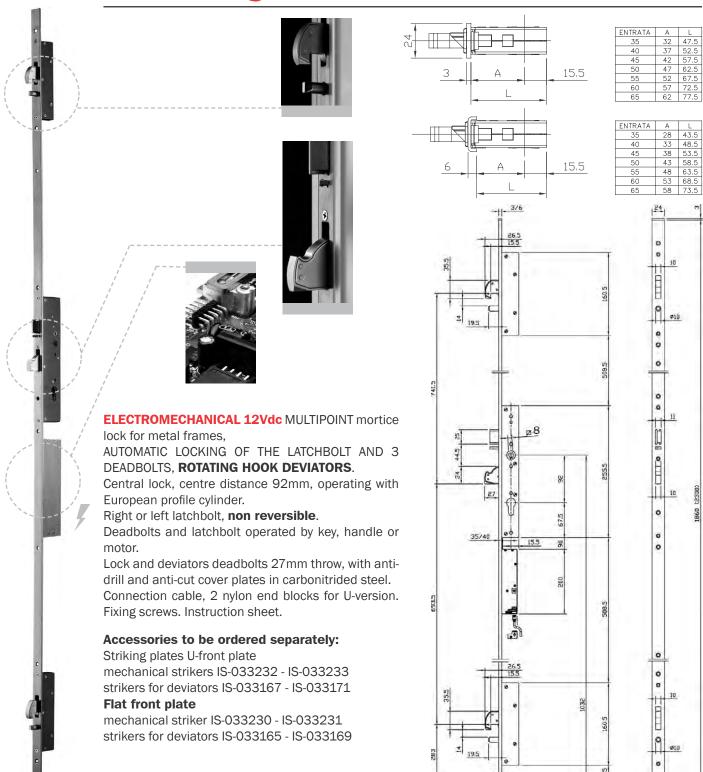
Blindo Easy EXIT lateral lockcases

	CODE	DESCRIPTION
Full-size scale	ω	
Full-Size Scale	IS7A1-9043522SA IS7A1-9044022SA	U-Plate EasyExitLateral 9mm-U-Plate 326x24x6 35mm L EasyExitLateral 9mm-U-Plate 326x24x6 40mm L
Dim Left	IS7A1-9044522SA IS7A1-9045022SA IS7A1-9045522SA IS7A1-9046022SA IS7A1-9046522SA	EasyExitLateral 9mm-U-Plate 326x24x6 45mm L EasyExitLateral 9mm-U-Plate 326x24x6 50mm L EasyExitLateral 9mm-U-Plate 326x24x6 55mm L EasyExitLateral 9mm-U-Plate 326x24x6 60mm L EasyExitLateral 9mm-U-Plate 326x24x6 65mm L
Dim Right	IS7A1-9043522DA IS7A1-9044022DA IS7A1-9044522DA IS7A1-9045022DA IS7A1-9046022DA IS7A1-9046522DA	EasyExitLateral 9mm-U-Plate 326x24x6 35mm R EasyExitLateral 9mm-U-Plate 326x24x6 40mm R EasyExitLateral 9mm-U-Plate 326x24x6 45mm R EasyExitLateral 9mm-U-Plate 326x24x6 50mm R EasyExitLateral 9mm-U-Plate 326x24x6 55mm R EasyExitLateral 9mm-U-Plate 326x24x6 60mm R EasyExitLateral 9mm-U-Plate 326x24x6 65mm R
Dim Left	IS7A1-2043522SA IS7A1-2044022SA IS7A1-2044522SA IS7A1-2045022SA IS7A1-2045522SA IS7A1-2046022SA IS7A1-2046522SA	EasyExitLateral 8mm-U-Plate 326x24x6 35mm L EasyExitLateral 8mm-U-Plate 326x24x6 40mm L EasyExitLateral 8mm-U-Plate 326x24x6 45mm L EasyExitLateral 8mm-U-Plate 326x24x6 50mm L EasyExitLateral 8mm-U-Plate 326x24x6 55mm L EasyExitLateral 8mm-U-Plate 326x24x6 60mm L EasyExitLateral 8mm-U-Plate 326x24x6 65mm L
Dim Right	IS7A1-2043522DA IS7A1-2044022DA IS7A1-2044522DA IS7A1-2045022DA IS7A1-2045522DA IS7A1-2046022DA IS7A1-2046522DA	EasyExitLateral 8mm-U-Plate 326x24x6 35mm R EasyExitLateral 8mm-U-Plate 326x24x6 40mm R EasyExitLateral 8mm-U-Plate 326x24x6 45mm R EasyExitLateral 8mm-U-Plate 326x24x6 50mm R EasyExitLateral 8mm-U-Plate 326x24x6 65mm R EasyExitLateral 8mm-U-Plate 326x24x6 60mm R EasyExitLateral 8mm-U-Plate 326x24x6 65mm R
	m	
Full-size scale	 	Flat Plate
Dim Left	IS7A1-9163522SA IS7A1-9164022SA IS7A1-9164522SA IS7A1-9165022SA IS7A1-9165522SA IS7A1-9166022SA IS7A1-9166522SA	EasyExitLateral 9mm Flat Plate 326x24x6 35mm L EasyExitLateral 9mm Flat Plate 326x24x6 40mm L EasyExitLateral 9mm Flat Plate 326x24x6 45mm L EasyExitLateral 9mm Flat Plate 326x24x6 50mm -L EasyExitLateral 9mm Flat Plate 326x24x6 55mm L EasyExitLateral 9mm Flat Plate 326x24x6 60mm L EasyExitLateral 9mm Flat Plate 326x24x6 65mm L
Dim Right	IS7A1-9163522DA IS7A1-9164022DA IS7A1-9164522DA IS7A1-9165022DA IS7A1-9165522DA IS7A1-9166022DA IS7A1-9166522DA	EasyExitLateral 9mm Flat Plate 326x24x6 35mm R EasyExitLateral 9mm Flat Plate 326x24x6 40mm R EasyExitLateral 9mm Flat Plate 326x24x6 45mm R EasyExitLateral 9mm Flat Plate 326x24x6 50mm R EasyExitLateral 9mm Flat Plate 326x24x6 55mm R EasyExitLateral 9mm Flat Plate 326x24x6 60mm R EasyExitLateral 9mm Flat Plate 326x24x6 65mm R
Dim Left	IS7A1-2163522SA IS7A1-2164022SA IS7A1-2164522SA IS7A1-2165022SA IS7A1-2165522SA IS7A1-2166022SA IS7A1-2166522SA	EasyExitLateral 8mm Flat Plate 326x24x6 35mm L EasyExitLateral 8mm Flat Plate 326x24x6 40mm L EasyExitLateral 8mm Flat Plate 326x24x6 45mm L EasyExitLateral 8mm Flat Plate 326x24x6 50mm L EasyExitLateral 8mm Flat Plate 326x24x6 55mm L EasyExitLateral 8mm Flat Plate 326x24x6 60mm L EasyExitLateral 8mm Flat Plate 326x24x6 65mm L
Dim Right	IS7A1-2163522DA IS7A1-2164022DA IS7A1-2164522DA IS7A1-2165022DA IS7A1-2165522DA IS7A1-2166022DA IS7A1-2166522DA	EasyExitLateral 8mm Flat Plate 326x24x6 35mm R EasyExitLateral 8mm Flat Plate 326x24x6 40mm R EasyExitLateral 8mm Flat Plate 326x24x6 45mm R EasyExitLateral 8mm Flat Plate 326x24x6 50mm R EasyExitLateral 8mm Flat Plate 326x24x6 55mm R EasyExitLateral 8mm Flat Plate 326x24x6 60mm R EasyExitLateral 8mm Flat Plate 326x24x6 65mm R



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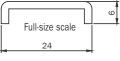




Multiblindo (motion 92 mm centre distance

CODE

DESCRIPTION



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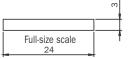
IS7A3-600352.D IS7A3-600402.D IS7A3-600452.D IS7A3-600502.D IS7A3-600652.D IS7A3-600652.D

U-Plate Din Left

eMotion U-Plate 2300x24x6 35mm L eMotion U-Plate 2300x24x6 40mm L eMotion U-Plate 2300x24x6 45mm L eMotion U-Plate 2300x24x6 50mm L eMotion U-Plate 2300x24x6 55mm L eMotion U-Plate 2300x24x6 60mm L eMotion U-Plate 2300x24x6 65mm L

Din Right

eMotion U-Plate 2300x24x6 35mm R eMotion U-Plate 2300x24x6 40mm R eMotion U-Plate 2300x24x6 45mm R eMotion U-Plate 2300x24x6 50mm R eMotion U-Plate 2300x24x6 55mm R eMotion U-Plate 2300x24x6 60mm R eMotion U-Plate 2300x24x6 65mm R



Flat Plate Din Left

IS7A3-610352.S IS7A3-610402.S IS7A3-610452.S IS7A3-610502.S IS7A3-610652.S IS7A3-610652.S

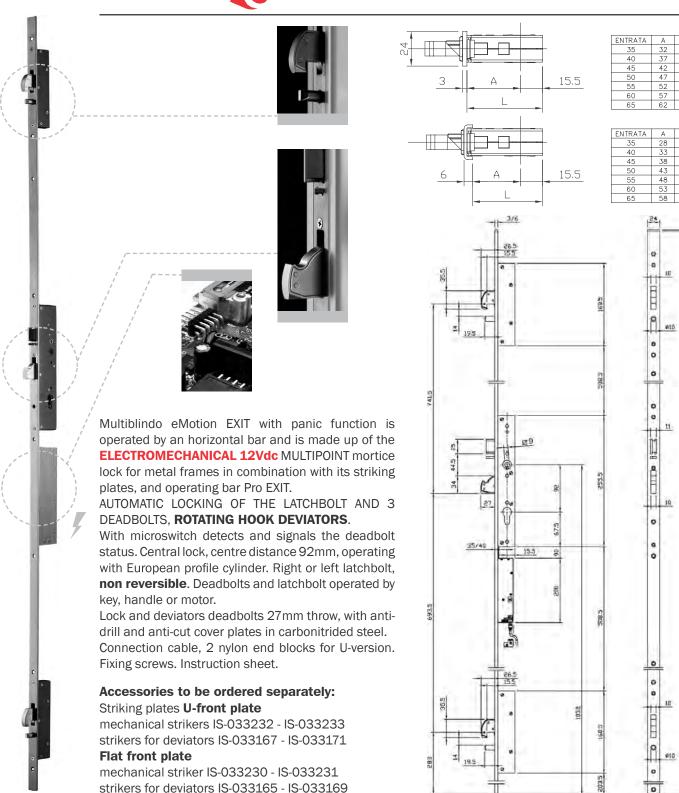
IS7A3-610352.D IS7A3-610402.D IS7A3-610452.D IS7A3-610502.D IS7A3-610652.D IS7A3-610602.D IS7A3-610652.D eMotion Flat Plate 2300x24x3 35mm L eMotion Flat Plate 2300x24x3 40mm L eMotion Flat Plate 2300x24x3 45mm L eMotion Flat Plate 2300x24x3 50mm L eMotion Flat Plate 2300x24x3 55mm L eMotion Flat Plate 2300x24x3 60mm L eMotion Flat Plate 2300x24x3 65mm L

Din Right

eMotion Flat Plate 2300x24x3 35mm R eMotion Flat Plate 2300x24x3 40mm R eMotion Flat Plate 2300x24x3 45mm R eMotion Flat Plate 2300x24x3 50mm R eMotion Flat Plate 2300x24x3 55mm R eMotion Flat Plate 2300x24x3 60mm R eMotion Flat Plate 2300x24x3 65mm R



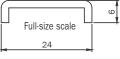






CODE

DESCRIPTION



IS7A3-7003521SA IS7A3-7004021SA IS7A3-7004521SA IS7A3-7005021SA IS7A3-7006521SA IS7A3-7006521SA IS7A3-7006521SA

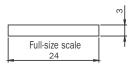
IS7A3-7003521DA IS7A3-7004021DA IS7A3-7004521DA IS7A3-7005021DA IS7A3-7005521DA IS7A3-7006021DA IS7A3-7006521DA

U-Plate Din Left

eMotionEXIT U-Plate 2300x24x6 35mm L eMotionEXIT U-Plate 2300x24x6 40mm L eMotionEXIT U-Plate 2300x24x6 45mm L eMotionEXIT U-Plate 2300x24x6 50mm L eMotionEXIT U-Plate 2300x24x6 55mm L eMotionEXIT U-Plate 2300x24x6 60mm L eMotionEXIT U-Plate 2300x24x6 65mm L

Din Right

eMotionEXIT U-Plate 2300x24x6 35mm R eMotionEXIT U-Plate 2300x24x6 40mm R eMotionEXIT U-Plate 2300x24x6 45mm R eMotionEXIT U-Plate 2300x24x6 50mm R eMotionEXIT U-Plate 2300x24x6 55mm R eMotionEXIT U-Plate 2300x24x6 60mm R eMotionEXIT U-Plate 2300x24x6 65mm R



IS7A3-7103521SA IS7A3-7104021SA IS7A3-7104521SA IS7A3-7105021SA IS7A3-7105521SA IS7A3-7106021SA IS7A3-7106521SA

IS7A3-7103521DA IS7A3-7104021DA IS7A3-7104521DA IS7A3-7105021DA IS7A3-7105521DA IS7A3-7106021DA IS7A3-7106521DA

Flat Plate Din Left

eMotionEXIT Flat Plate 2300x24x3 35mm L eMotionEXIT Flat Plate 2300x24x3 40mm L eMotionEXIT Flat Plate 2300x24x3 45mm L eMotionEXIT Flat Plate 2300x24x3 50mm L eMotionEXIT Flat Plate 2300x24x3 55mm L eMotionEXIT Flat Plate 2300x24x3 60mm L eMotionEXIT Flat Plate 2300x24x3 65mm L

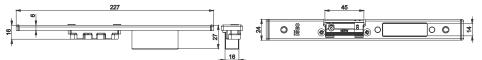
Din Right

eMotionEXIT Flat Plate 2300x24x3 35mm R eMotionEXIT Flat Plate 2300x24x3 40mm R eMotionEXIT Flat Plate 2300x24x3 45mm R eMotionEXIT Flat Plate 2300x24x3 50mm R eMotionEXIT Flat Plate 2300x24x3 55mm R eMotionEXIT Flat Plate 2300x24x3 60mm R eMotionEXIT Flat Plate 2300x24x3 65mm R

CODE DESCRIPTION

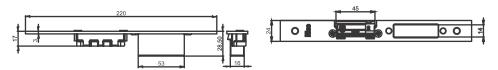
Multiblindo Central Keeps





IS-033202 M/blino Central Strike Plate - U-Plate 24x6x220 L **Din Left**IS-033203 M/blino Central Strike Plate - U-Plate 24x6x220 R **Din Right**

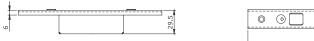




IS-033200 M/blino Central Strike FPlate 24x3x220mm L **Din Left**IS-033201 M/blino Central Strike FPlate 24x3x220mm R **Din Right**

Multiblindo Top and Bottom Keeps

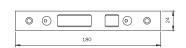






IS-033167 Top/Bottom LPlate - Strike Plate Pair U-Plate 24x6x1860mm IS-033171 Top/Bottom SPlate - Strike Plate U-Plate 24x6x180mm

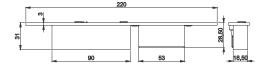


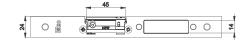


IS-033165 Top/Bottom LPlate - Strike Plate Pair Flat Plate 24x3x1860mm IS-033169 Top/Bottom SPlate - Strike Plate Flat Plate 24x3x180mm

Multiblindo Electric Strikes

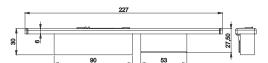


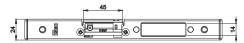




IS-033212 Elec Strike Central Uplate 24x3x227mm L IS-033213 Elec Strike Central Uplate 24x3x227mm R







IS-033210 Elec Strike Central FPlate 24x3x220mm L IS-033211 Elec Strike Central FPlate 24x3x220mm R

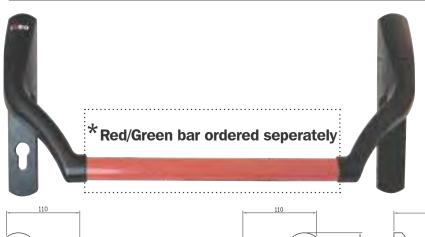


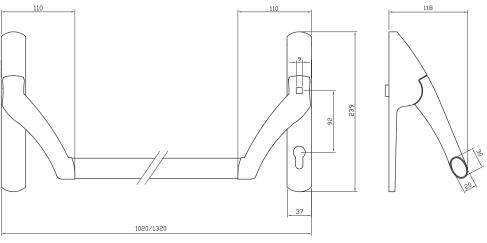




Multiblindo Easy EXIT & ___motion EXIT Panic Bar attachment

BS EN1125





CODE

DESCRIPTION

Central Mechanism

IS94A-000020698 Pro EXIT 4 Central Mechanism Exit

94A000020698 PVD Finish (8mm Spindle)

IS94A-000050698 Pro EXIT 4 Central Mechanism Exit

94A000050698 Painted Black (8mm Spindle)

IS94A-000020699 Pro EXIT 4 Central Mechanism Exit

94A000020699 PVD Finish (9mm Spindle)

IS94A-000050699 Pro EXIT 4 Central Mechanism Exit

94A000050699 Painted Black (9mm Spindle)

Accessories

IS945-938 Horizontal Bar Panic Devices **1330mm - Red**IS945-932 Horizontal Bar Panic Devices **1330mm - Steel**IS945-929 Horizontal Bar for Panic Devices **1330mm - Green**

IS941-00160 **Microswitch** for Pro EXIT devices



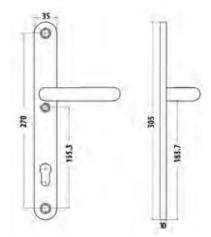




Multiblindo Lever Handle BS EN179

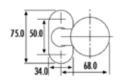
CODE DESCRIPTION

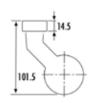
AL9095 MB F1 AL9085 MW F1 Lever Lever Plate Ext Cyl Guard Satin Aluminium Lever/Pad Lever Ext Cylinder- Satin Aluminium





AL6050 FEST F1 FIXED BALL KNOB - Satin Aluminium AL6050 FEST ST FIXED BALL KNOB - Stainless Steel







IS506000900092 ADAPTER FOR HANDLE FOLLOWER 8-9mm Spindle Converter



IS-040805.25 Anti Drill Plate 25mm IS-040805.30 Anti Drill Plate 30mm Anti Drill Plate 35mm IS-040805.35 Anti Drill Plate 40mm IS-040805.40 Anti Drill Plate 45mm IS-040805.45 IS-040805.50 Anti Drill Plate 50mm IS-040805.55 Anti Drill Plate 55mm Anti Drill Plate 60mm IS-040805.60 IS-040805.65 Anti Drill Plate 65mm

Multiblindo Lever Handle BS EN179

CODE DESCRIPTION A8 R A33 A33 A34 A7

FH1078 B F1

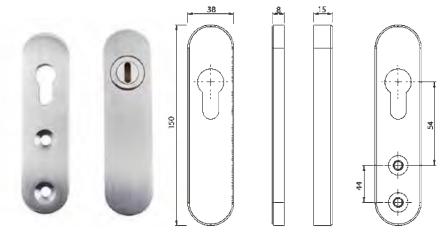
Lever Set (EN179) EPro Escut F1 Aluminium

including escutcheon

FH1078 B ST

Lever Set (EN179) EPro Escut Satin Stainless

including escutcheon



ST 39421 - INOX Euro Profile 150X38mm Stainless Steel

ST 39421 - W Euro Profile 150X38mm White ST 39421 - B Euro Profile 150X38mm Brown

Multiblindo Displays





CODE IS-000656

Multiblindo Emotion Exit TOTEM System display





Smart Locker 2.0





Smart **Locker** 2.0

Smart Locker can be installed on a wide range of cabinets and lockers in order to protect users' belongings while they are in office, gym, swimming pool o in every similar situation where people need to deposit personal items in a secure place.

MAIN FEATURES

AUTOMATIC LOCKING JUST PULLING THE DOOR AJAR

By closing the door of the cabinet, Smart Locker will automatically lock. Using a valid credential the door will unlock allowing access to the locker.

EASY TO INSTALL

The installation of the reader is easy and fast as it need only 2 screws and a hole for cables passage.

BATTERY OPERATION

The Smart Lockes is battery powered allowing easy installation in new lockers or retrofit in existing lockers currently operated by keys.

MULTISTANDARD RFID READER

The reader operates at 13,56 Mhz ISO 14443 A/B and it is compatible with card or tag Mifare Classic, Mifare Plus and Mifare DesFire.

BATTERY ENERGY SAVING

The readers wakeup patented system of the Smart locker with a credential allows an energy efficient battery management.

BATTERIES

Smart Locker is powered by 2 lithium batteries model ER14505M (3.6V AA). The batteries are in the internal side of the door in order to avoid any manipulation or vandalism.

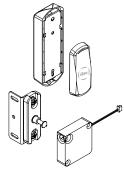
ELECTRIC EMERGENCY

In case the batteries are discharged or not working, Smart Locker can be powered from the outside using the accessory for electric emergency.



Smart **Locker** 2.0

Code



SMART LOCKER WITH PIN LATCH, ARGO SOFTWARE.

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz). Lock with pin latch.

Battery holder inside the door.

Package:

1 RFID reader, 2 batteries, fixing screws, instruction manual.

SMART LOCKER WITH PIN LATCH, ARGO SOFTWARE BT5.0

IS1EL10155



BATTERY

High current lythium battery Size AA, 3.6 Vcc

BATTERY IS58200000E0360



ACCESSORY FOR ELECTRIC EMERGENCY

Package: 1 battery holder. NOTE: BATTERIES NON INCLUDED.

ACCESSORY FOR ELECTRIC EMERGENCY

IS0000IS00253





Libra LE60 Smart 2.0





Libra LE60 Smart 2.0 Electronic cylinder

Thanks to the quick and easy installation, the electronic modular cylinder LIBRA is the ideal and universal solution both for the replacement of mechanical European profile cylinders and for installation on new doors. Together with ARIES electronic trim set, LIBRA represents a complete range fulfilling any need for access control management both for community and residential environment (shopping malls, industries, public and private offices, schools and universities, hospitals and retirement homes, residences and hotels, etc.).

Key points

The electronic modular cylinder LIBRA can be installed in most of the doors equipped with an European profile cylinder hole (EN1303).

It is battery operated, so it doesn't require any electrical external cabling. The result is the best flexibility and cost effectiveness of installation, both in new doors and in retrofitting.

The high modularity of the cylinder, obtained thanks to its patented design, drastically reduces the number of components required to build all the versions and measures necessary to cover the wide range of potential installations, with consequent reduction of components stocks, better flexibility and fast reaction to customer requests.

The unique and innovative design, combined with the finishes and colors available, allows the smooth integration in any architectural contexts.

Main functions

- Multistandard RFID Reader (ISO14443A/ISO14443B).
- Bluetooth Smart 5.0
- Wake up by RFID card or phone detection (patented) or Real Time Clock.
- Low consumption battery operated.
- Permanently open mode (passage mode) without extra battery consumption.
- Batteries voltage monitoring.
- Real Time Clock/Calendar.
- Compact size and innovative design.
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN1303, DIN 18252).
- Very easy and quick installation thanks to the modular design.
- All versions are IP66/IP67/IP68/IP69 grading.
- Heavy Duty version with drilling protection on the opening mechanism.
- Optical and acoustic signalling.
- On-site software upgrading.
- 2 finishes and 2 colors.









The Libra Smart electronic cylinder was selected for the 2013 ADI Design Index, and was given a Mention of Honour at the 23rd edition of the Compasso d'Oro award. It was also among the finalists at the 2014 IFSEC Security & Fire Excellence Awards, and was nominated for the 2015 German Design Awards.



Libra LE60 Smart 2.0

Technical features:

RFID Reader:

- Multistandard 13,56 Mhz:
- ISO14443A (Mifare*** Classic, Plus, Desfire)
- ISO14443B (i.e. ST microprocessor cards)

Communication interface:

- RFID
- Bluetooth Smart 5.0

Main batteries:

- 1 X CR123 3V lithium battery
- Battery replacement from outside with door closed

Battery life (endurance):

- Up to 2 years (*)
- Up to 20.000 opening (*)
- 3 levels battery charge detection

Signalling

- LEDs: 1 Green, 1 Red visible on 360° ring
- Buzzer

Software:

- On-site software upgrading

Finishes (metal part):

- Inox
- Polished Chrome
- Polished brass (not suitable for outdoor installations)

Colors (plastic parts):

- Glossy black
- Glossy white

Mechanical lockcase compatibility:

- Euro profile cylinder hole (DIN18252)

Door thickness:

- Up to 260 mm (standard execution)
- Up to 180 mm (special execution)

Environmental characteristics:

- Operating temperature: -20°C \div +70°C
- Storage temperature: -25°C ÷ +75°C
- Protection system (IP grading): IP66/IP67/IP68/IP69 for all versions

Electronic knob dimensions:

- External diameter: from 36 mm to 39 mm
- Length: 46 mm

Mechanic knob "Standard" dimensions:

- External diameter: 30 mm
- Length: 31 mm
- (*) Depending on usage, environment, options.
- (***) MIFARE is a NXP Semiconductors-owned trademark.



Libra LE60 Smart 2.0

Mechanic knob "Premium" dimensions:

- External diameter: from 36 mm to 39 mm
- Length: 46 mm

Cylinder double knob version dimensions:

- Minimum 30-30 mm
- Steps 5 mm
- Maximum total length: 260 mm (standard version) 180 mm (special version)

Cylinder single knob version dimensions:

- Minimum 30-10 mm
- Steps 5 mm
- Maximum 180-10 mm

Certifications:

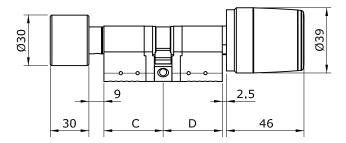
EN15684:2013-01 classifications

- IP54 internal version 16B4AF30
- IP66 Heavy Duty version 16B4AF32

SKG***for HD (Heavy Duty) version

Libra Smart configurations:

- Electronic knob outside (freely rotating) and mechanical knob inside (Standard or Premium version)
- Electronic knob outside (freely rotating) and inside (freely rotating)
- Half cylinder with electronic knob outside (freely rotating)
- Version for panic lock (freely rotating with cam returning in vertical position)
- Version for armoured doors compatible with anti-intrusion escutcheon.
- Version with external electronic knob
- Dummy knob version without knob nor key hole in the inner side (when there's no need to open from the inside)
- High-security version Heavy Duty.
- Special versions:
- oval scandinavian body
- oval australian body

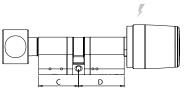


 $\begin{array}{l} C=30/35/40/45/50/55/60/65/70/75/80/85/90/95/100/110/115/120/125/130 \\ D=10/30/35/40/45/50/55/60/65/70/75/80/85/90/95/100/110/115/120/125/130 \\ \end{array}$



Libra LE60 Smart 2.0 - Standard

Code



ELECTRONIC CYLINDER WITH RFID READER AND "STANDARD" MECHANICAL KNOB, ARGO SOFTWARE

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz) on outside

"STANDARD" mechanical knob on internal side. Maximal body length 260 mm.

European profile and DIN cam. Available in 3 finishes.

IP protection degree IP66/IP67/IP68/IP69 for all versions. Available Heavy Duty version with drilling protection. Available Panic function version.

*Other sizes are available and are priced as follows:

MECHANICAL/ELECTRICAL CYLINDER 85-100MM OVERALL LENGTH

MECHANICAL/ELECTRICAL CYLINDERS 105-120MM OVERALL LENGTH

_	Available Panic function version.	
	LIBRA S Std - M/E - 30/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 30/45 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 30/50 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/40 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/40 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/45 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 35/45 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 40/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 40/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 40/35 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 40/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 45/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 45/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 45/30 R1S - Inox/Black Standard BT5.0 LIBRA S Std - M/E - 50/30 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/40 R1S - Polished Brass/Black Standard BT5.0	IS8MK1830302555 IS8MK2830362555 IS8MK2830402555 IS8MK2830452555 IS8MK2830502555 IS8MK2835502555 IS8MK2835302555 IS8MK2835302555 IS8MK2840302555 IS8MK2840302555 IS8MK2840402555 IS8MK2840402555 IS8MK2840302555 IS8MK2840302555 IS8MK2840302555 IS8MK284052555 IS8MK284052555 IS8MK284052555 IS8MK284052555 IS8MK284052555 IS8MK284052555 IS8MK2830301555 IS8MK2830301555 IS8MK2830301555 IS8MK2830301555 IS8MK2830301555 IS8MK2830301555 IS8MK2830301555 IS8MK2830501555
	LIBRA S Std - M/E - 35/30 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 35/35 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 35/45 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 35/45 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 40/30 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 40/36 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 40/35 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 45/35 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 45/35 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 50/30 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/30 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Std - M/E - 30/30 R1S - Polished Chrome/White Standard BT5.0 LIBRA S Std - M/E - 30/35 R1S - Polished Chrome/White Standard BT5.0	ISBMK283530L555 IS8MK283535L555 IS8MK283545L555 IS8MK284030L555 IS8MK284030L555 IS8MK284040L555 IS8MK284040L555 IS8MK284530L555 IS8MK284530L555 IS8MK284530L555 IS8MK284530L555 IS8MK285030L555 IS8MK285030L555
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	LIBRA S Std - M/E - 30/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 30/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 30/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 30/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 30/50 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 35/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 35/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 35/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 35/45 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 40/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 40/35 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 40/35 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 40/36 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 40/37 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 45/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 45/35 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 45/35 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 50/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 50/30 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Std - M/E - 50/30 R1S - Inox/Black Heavy Duty BT5.0	ISBMK1830302555 ISBMK1830352555 ISBMK1830402555 ISBMK1830402555 ISBMK1830502555 ISBMK1835302555 ISBMK1835352555 ISBMK1835352555 ISBMK1835402555 ISBMK1835402555 ISBMK1840302555 ISBMK1840302555 ISBMK1840302555 ISBMK1840302555 ISBMK1840302555 ISBMK1840302555 ISBMK1840302555
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Libra LE60 Smart 2.0 Removable reader and Extension plug 75 mm

ELECTRONIC CYLINDER WITH RFID READER, VERSION FOR ARMOURED DOORS COMPATIBLE WITH CYLINDERS ESCUTCHEON, EXTENSION PLUG AND PRE-ARRANGED FOR KNOB, ARGO SOFTWARE

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz) on outside.

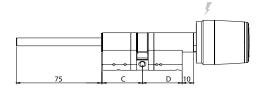
Pre-arranged for internal knob shaft D 8x75 mm (D0=30mm).

Maximal body length 180 mm.

European profile and DIN cam. Available in 3 finishes.

IP protection degree IP66/IP67/IP68/IP69 for all versions. Available Heavy Duty version with drilling protection.

Package: 1 cylinder, 1 battery, cylinder fixing screw, 2 mm hex key, instruction sheet.



Code

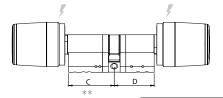
LIBRA S High Sec - E/M - 30/30 R1S - Inox/Black	IS8MK36D0302555
LIBRA S High Sec - E/M - 30/35 R1S - Inox/Black	IS8MK36D0352555
LIBRA S High Sec - E/M - 30/40 R1S - Inox/Black	IS8MK36D0402555
LIBRA S High Sec - E/M - 30/45 R1S - Inox/Black	IS8MK36D0452555
LIBRA S High Sec - E/M - 30/50 R1S - Inox/Black	IS8MK36D0502555
LIBRA S High Sec - E/M - 30/30 R1S - Polished Brass/Black	IS8MK36D030L555
LIBRA S High Sec - E/M - 30/35 R1S - Polished Brass/Black	IS8MK36D030L555
LIBRA S High Sec - E/M - 30/40 R1S - Polished Brass/Black	IS8MK36D040L555
LIBRA S High Sec - E/M - 30/45 R1S - Polished Brass/Black	IS8MK36D045L555
LIBRA S High Sec - E/M - 30/50 R1S - Polished Brass/Black	IS8MK36D050L555
LIBRA S High Sec - E/M - 30/30 R1S - Polished Chrome/White LIBRA S High Sec - E/M - 30/35 R1S - Polished Chrome/White LIBRA S High Sec - E/M - 30/40 R1S - Polished Chrome/White LIBRA S High Sec - E/M - 30/45 R1S - Polished Chrome/White LIBRA S High Sec - E/M - 30/50 R1S - Polished Chrome/White	IS8MK36D030K455 IS8MK36D035K455 IS8MK36D040K455 IS8MK36D045K455 IS8MK36D050K455

^{*}Other sizes are available and are priced as follows:
ELECTRICAL/ELECTRICAL CYLINDER 85-100MM OVERALL LENGTH
ELECTRICAL/ELECTRICAL CYLINDERS 105-120MM OVERALL LENGTH
ADD TO THE RETAIL PRICE



Libra LE60 Smart 2.0 - Double

Code



ELECTRONIC CYLINDER WITH DOUBLE RFID READER, ARGO SOFTWARE

Multistandard RFID Readers (ISO14443A/ISO14443B 13,56MHz) on external side and internal side. Maximal body length 180 mm. European profile and DIN cam.

Available in 3 finishes.

IP protection degree IP66/IP67/IP68/IP69 for all versions. Available Heavy Duty version with drilling protection.

*Other sizes are available and are priced as follows:

MECHANICAL/ELECTRICAL CYLINDER 85-100MM OVERALL LENGTH

MECHANICAL/ELECTRICAL CYLINDERS 105-120MM OVERALL LENGTH

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LIBRA S Prem - E/E - 30/30 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 30/45 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 30/40 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 30/45 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 30/45 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 35/35 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 35/35 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 35/36 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 35/36 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 40/30 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 40/30 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 40/40 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 40/40 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 45/35 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 45/35 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 50/30 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 50/30 R1S - Inox/Black Standard BT5.0 LIBRA S Prem - E/E - 50/30 R1S - Inox/Black Standard BT5.0
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Libra LE60 Smart 2.0 - Half

ELECTRONIC HALF CYLINDER WITH RFID READER, ARGO SOFTWARE

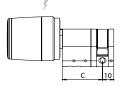
Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

Maximal body length 190 mm. European profile and DIN cam.

Available in 3 finishes.

IP protection degree IP66/IP67/IP68/IP69 for all versions. Available Heavy Duty version with drilling protection.

Package: 1 cylinder, 1 battery, cylinder fixing screw, 2 mm hex key, instruction sheet



Code

IS8MK2030102555 LIBRA S Half - E - 30/10 R1S - Inox/Black Standard BT5.0 LIBRA S Half - E - 35/10 R1S - Inox/Black Standard BT5.0 IS8MK2035102555 LIBRA S Half - E - 40/10 R1S - Inox/Black Standard BT5.0 IS8MK2040102555 IS8MK2045102555 LIBRA S Half - E - 45/10 R1S - Inox/Black Standard BT5.0 LIBRA S Half - E - 50/10 R1S - Inox/Black Standard BT5.0 IS8MK2050102555 LIBRA S Half - E - 30/10 R1S - Polished Brass/Black Standard BT5.0 IS8MK203010L555 IS8MK203510L555 LIBRA S Half - E - 35/10 R1S - Polished Brass/Black Standard BT5.0 LIBRA S Half - E - 40/10 R1S - Polished Brass/Black Standard BT5.0 IS8MK204010L555 LIBRA S Half - E - 45/10 R1S - Polished Brass/Black Standard BT5.0 IS8MK204510L555 LIBRA S Half - E - 50/10 R1S - Polished Brass/Black Standard BT5.0 IS8MK205010L555 LIBRA S Half - E - 30/10 R1S - PC/White Standard BT5.0 IS8MK203010K455 LIBRA S Half - E - 35/10 R1S - PC/White Standard BT5.0 LIBRA S Half - E - 40/10 R1S - PC/White Standard BT5.0 IS8MK203510K455 IS8MK204010K455 IS8MK204510K455 LIBRA S Half - E - 45/10 R1S - PC/White Standard BT5.0 LIBRA S Half - E - 50/10 R1S - PC/White Standard BT5.0 IS8MK205010K455 *Other sizes are available and are priced as follows: ELECTRICAL/ELECTRICAL CYLINDER 85-100MM OVERALL LENGTH ELECTRICAL/ELECTRICAL CYLINDERS 105-120MM OVERALL LENGTH

IS8MK1030102555 LIBRA S Half - E - 30/10 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Half - E - 35/10 R1S - Inox/Black Heavy Duty BT5.0 IS8MK1035102555 LIBRA S Half - E - 40/10 R1S - Inox/Black Heavy Duty BT5.0 IS8MK1040102555 LIBRA S Half - E - 45/10 R1S - Inox/Black Heavy Duty BT5.0 IS8MK1045102555 IS8MK1050102555 LIBRA S Half - E - 50/10 R1S - Inox/Black Heavy Duty BT5.0 LIBRA S Half - E - 30/10 R1S - Polished Brass/Black Heavy Duty BT5.0 IS8MK103010L555 LIBRA S Half - E - 35/10 R1S - Polished Brass/Black Heavy Duty BT5.0 IS8MK103510L555 LIBRA S Half - E - 40/10 R1S - Polished Brass/Black Heavy Duty BT5.0 IS8MK104010L555 LIBRA S Half - E - 45/10 R1S - Polished Brass/Black Heavy Duty BT5.0 IS8MK104510L555 LIBRA S Half - E - 50/10 R1S - Polished Brass/Black Heavy Duty BT5.0 IS8MK105010L555 IS8MK103010K455 LIBRA S Half - E - 30/10 R1S - PC/White Heavy Duty BT5.0 LIBRA S Half - E - 35/10 R1S - PC/White Heavy Duty BT5.0 LIBRA S Half - E - 40/10 R1S - PC/White Heavy Duty BT5.0 IS8MK103510K455 IS8MK104010K455 LIBRA S Half - E - 45/10 R1S - PC/White Heavy Duty BT5.0 IS8MK104510K455 LIBRA S Half - E - 50/10 R1S - PC/White Heavy Duty BT5.0 IS8MK105010K455



Libra LE60 Smart 2.0 - Oval Scandinavian

OVAL SCANDINAVIAN ELECTRONIC CYLINDER WITH RFID READER, ARGO SOFTWARE

Multistandard RFID Reader (ISO14443A/ISO14443B 13,56MHz).

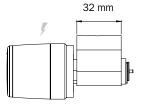
Oval Scandinavian body L = 32 mm.

Available in 6 finishes.

 $IP\ protection\ degree\ IP66/IP67/IP68/IP69\ for\ all\ versions.\ Available\ Heavy\ Duty\ version\ with\ drilling\ protection.$

External door side versions only.

Package: 1 cylinder, 1 battery, cylinder fixing screws for internal door side versions, 2 mm hex key, instruction sheet.



LIBRA SCAN- Inox/Black IS8Sk2200322555 LIBRA SCAN - Polished Brass/Black IS8Sk220032L555 LIBRA SCAN Polished Chrome/White IS8Sk220032K455 LIBRA SCAN- Inox/Black IS8SK1200322555 LIBRA SCAN - Polished Brass/Black IS8SK120032L555 LIBRA SCAN Polished Chrome/White IS8SK120032K455



Libra LE60 Smart 2.0

Code



"PREMIUM" KNOB COVER

Suitable both for RFID reader knob and "Premium" mechanical knob.

Premium knob cover, Inox/Black Premium knob cover, Polished Brass/Black Premium knob cover, Polished Chrome/White IS0444025 IS04440L5 IS04440K4



ADAPTER FOR MECHANICAL PREMIUM KNOB

It allows the usage of the Premium covers as mechanical inside knobs. Package: 1 adaptor, 1 fixing screw.

Adaptor for Premium Mechanical Knob

IS044240

"STANDARD" MECHANICAL KNOB

Internal mechanical knob.
Package: 1 knob, 1 fixing screw.



Standard mechanical knob, Inox Standard mechanical knob, Polished Chrome Standard mechanical knob, Polished Brass IS044232 IS04423K IS04423L



Libra LE60 Smart 2.0

Code



ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER

Necessary for battery replacement.

New design with improved performances and auto assembly force detection.

NOT suitable for backset <45 mm.

Package: 1 wrench, 1 plier, instruction sheet

PLEASE NOTE: tool set not included with the Libra LE60. To order separately.

Cover assembly / disassembly Tool Kit for Electronic/Premium Knob Cover

IS003092



ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER

Necessary for battery replacement.

Also suitable for backset <45 mm.

Package: 1 wrench, 1 plier, instruction sheet

PLEASE NOTE: tool set not included with the Libra LE60. To order separately.

Assembly/Disassembly tooling kit for Electronic Knob cover

ANTI-INTRUSION PROTECTION KIT

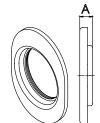
For Libra cylinder, for armoured doors.

Anti-Intrusion Protection Kit PVD polished brass Anti-Intrusion Protection Kit Satin inox

IS04425L IS044252

IS003302





ANTI-INTRUSION ESCUTCHEON KIT

For Libra cylinder, for armoured doors.

A= 13 mm, Anti-Intrusion Protection Kit PVD polished brass IS04426L IS044262 A= 13 mm, Anti-Intrusion Protection Kit satin inox

IS04427L A= 17 mm, Anti-Intrusion Protection Kit PVD polished brass A= 17 mm, Anti-Intrusion Protection Kit satin inox IS044272



ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER installed with anti-intrusion PROTECTION kit.

Necessary for battery replacement.

New design with improved performances and auto assembly force detection.

Not suitable for backset <45 mm.

Package: 1 wrench, 1 plier, instruction sheet

PLEASE NOTE: tool set not included with the Libra LE60. To order separately.

Assembly/Disassembly tooling kit for Electronic Knob cover

IS003317



ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER installed with burglary protection ring.

Necessary for battery replacement

Also suitable for backset <45 mm.

Package: 1 wrench, 1 plier, instruction sheet

PLEASE NOTE: tool set not included with the Libra LE60. To order separately.

Cover assembly / disassembly Tool Kit for Electronic Knob Cover For code ISO4425L - ISO44252 ISO03301



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Code



1 pcs Cam BIFFAR modular cylinder Libra stainless steel 1 0033933

IS0033933



Cogwheel Z= 10 7,8 mm modular for cylinder Libra stainless steel 1 0033929

IS0033929



Cogwheel Z= 18 7,8 mm modular for cylinder Libra stainless steel 1 0033928

IS0033928



Libra LE60 Rotors, without cover, without battery.

External Std IS0033963

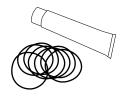
External Heavy IS0033964

Internal Double IS0033965



BATTERY (compatible only with Libra LE60)

Libra Battery IS0033960



GASKET AND GREASE COVER REPLACEMENT KIT

Recommended to replace the cover gasket at each battery replacement (mandatory for HD version to guarantee IP66 protection degree)
Package: 20 gaskets, 1 grease tube

Gaskey and Grease IS003316





The Credential reader Stylos Smart of ISEO product range can be easily rekeyed with a Bluetooth Smart Ready phone: cards, tags or phones can be intuitively added or deleted using Argo, the ISEO smartphone application running on iOS or Android.

Key points

Stylos Smart is a Multistandard ISO 14443 A/B Credential reader.

The readers can be provided in two versions:

- for indoors
- for outdoors (IP66).

ISEO locks with Lockbus interface, such as the Thesis 2.0 dropbolt, can be directly connected to credential readers without external actuators. They can also manage double accesses with interlock functions and signal lights.

The electronic actuator allows a direct control of electromechanical locks and electric strikers or, by using the built-in relay, of any other access control device such as car park bars, sliding doors, electric locks and so on.

The Stylos Smart Line is provided with a self-adjusting power supply from 8Vdc to 30Vdc ensuring top flexibility and allowing in most cases the use of an existing supply even when the theoretical parameters are deteriorated.

Stylos Smart has connectivity to Bluetooth Smart Ready devices without any plugin to be installed neither on the reader nor on the smartphone.

It can be opened by RFID cards and Bluetooth Smart Ready phones (iOS and Android).

Lost or stolen keys can be quickly deleted with Argo, an intuitive smartphone application available for:

- iOS
- Android

Main functions

- Operates with Iseo cards or Legacy Mifare cards.
- Memorizes up to 300 users (cards or phones).
- Stores the last 1000 events.
- Connects via Bluetooth Smart to a Bluetooth Smart Ready phone.
- Remote opening and communication with Bluetooth Smart Ready phone up to 10 meters.
- Software upgradable on site via Bluetooth Smart Ready phone.
- Multistandard contactless RFID readers ISO14443/A and ISO14443/B 13,56 Mhz.
- Wall mounting reader.
- Power supply from 8 to 30Vdc.
- 3-colour Led or display.
- External IP66 version.
- Lockbus interface multipoint bus sharing data transmission and power supply on the same.

 3-wire connection for utmost flexibility, easy installation and consequently, cost optimization.



STYLOS SMART CREDENTIAL READER technical features:

Multistandard RFID reader 13,56 Mhz ISO 14443 A/B (compatible with Mifare Classic, Mifare Plus and Mifare DesFire)

Interfaces:

- Bluetooth Smart 5.0
- RFID
- Lockbus

Real Time Clock/Calendar.

Power supply:

- 8Vdc to 30Vdc

Software (Firmware):

- on-site upgrading

Signals:

- Led Version
- · 3-colour series green, red, blue
- · Acoustic buzzer
- Display and keypad version
- · graphic display 0-led 128x64 dots
- · Acoustic buzzer

Keyboard: 12 buttons with backlight controlled from firmware.

Mounting:

- Wall mounting
- Spacer available

Environmental features:

- Operating temperature: $-20^{\circ}\text{C} \div +60^{\circ}\text{C}$ - Storage temperature: $-25^{\circ}\text{C} \div +75^{\circ}\text{C}$.
- IP Protection grade: IP66 (version for outdoors)

Dimensions (HxLxD): 130 x 47,5 x 17,5 mm

GENERIC ACTUATOR technical features:

Power supply: 8Vdc to 30Vdc. Firmware: - on-site upgrading.

Inputs: 3 Inputs (1 digital, 1 analogic and 1 digital or analogic). Outputs: 1 relay (24V 1A) + 1 booster (for direct electric lock).

Operating temperature: $0^{\circ}C \div +50^{\circ}C$ Storage temperature: $-25^{\circ}C \div +75^{\circ}C$.

Box: for DIN35 rail.

Lockbus

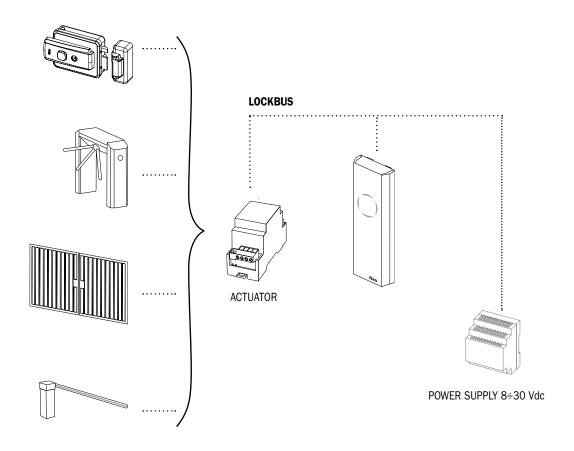
Data transmission and power supply on the same 3-wire connection up to 100 m.

Self-adjusting power supply from 8Vdc to 30Vdc.

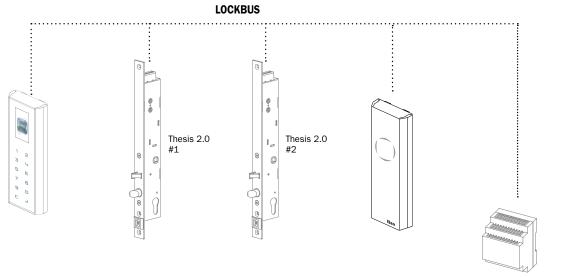
Secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation.



ELECTRICAL DEVICES INSTALLATION



INTERLOCKED DOORS INSTALLATIONS





Code



CREDENTIAL READER WITH LED.

RFID contactless multistandard. ISO14443/A - ISO14443/B. Lockbus interface. 8-30Vdc Power Supply.

Wall mounting.

Package: 1 reader, instruction manual,

2 screws for metal, 2 screws for plastic, 2 fisher adaptors.

CREDENTIAL READER WITH LED.

IS5E1320156



CREDENTIAL READER WITH DISPLAY AND NUMERIC KEYPAD.

RFID contactless multistandard. ISO14443/A - ISO14443/B. Lockbus interface. 8-30Vdc Power Supply.

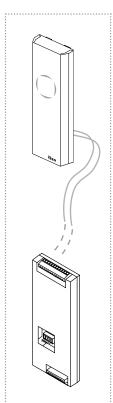
Wall mounting.

Package: 1 reader, instruction manual,

2 screws for metal, 2 screws for plastic, 2 fisher adaptors.

CREDENTIAL READER WITH DISPLAY AND NUMERIC KEYPAD

IS5E1320456



ALL-WEATHER CREDENTIAL READER MODULE.

RFID contactless Multistandard ISO14443/A - ISO14443B.

Multicolor signaling LEDS.

To be used with 5E0550010.

IP66 protection grade.

Control unit connection cable included (L=5 Mt)

Wall mounting.

Package: 1 reader module with connecting cable, installation sheet, 2 metal screws, 2 plastic screws, 2 fisher adaptors.

Note: control unit non included, to be ordered separately.

ALL-WEATHER CREDENTIAL READER MODULE

IS5E1322106

CONTROL UNIT FOR ALL-WEATHER READER MODULE.

Compatible with all-weather credential reader modules.

Lockbus interface.

8-30Vdc Power Supply.

DIN35 rail housing.

Packaging: 1 control unit with connectors, 1 DIN35 rail fixing kit, installation manual. Note: reader module non included, to be ordered separately.

CONTROL UNIT FOR ALL-WEATHER READER MODULE.

IS5E0555010



Stylos Smart 2.0 Accessories

Code



ELECTRIC LOCK ACTUATOR.

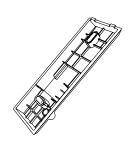
1 relay + 1 booster. 3 inputs (1 digital, 1 analog, 1 digital/analog) Lockbus interface 8-30Vdc Power Supply

DIN35 rail mounting.

Package: 1 actuator, instruction manual.

ELECTRIC LOCK ACTUATOR.

IS5E2501



PLASTIC BACK HOUSING FOR CREDENTIAL READER.

Wall mounting version.

PLASTIC BACK HOUSING FOR CREDENTIAL READER.

IS5E0000135



ELECTRICAL JUMPER. KIT 5 PZ.

For special multidevice configurations.

ELECTRICAL JUMPER. KIT 5 PZ.

IS5E00000205





Smart **Relay** 2.0

The Smart Relay allows to open electric locks, motorized gate or any electrical actuator which can be activated closing a contact. The Smart Relay closes a contact if a smartphone is registered in the device.

It comes in 2 different models to be selected according to installations requirements:

- 1. Smart Relay with built in Bluetooth Smart 5.0: the Bluetooth Smart antenna is embedded in the Smart Relay box.
- 2. Smart Relay with Remote Bluetooth Smart 5.0: the Bluetooth Smart can be positioned at a distance of 3 meters from the unit.

Functions

RELAY

The Relay allows to control electric devices. It is a NO (Normally Open) contact up to 5 Ampere current.

MASTER

The Master switch allows to enter in Programming mode. This is required the first time from factory mode. The Master microswitch can be disabled after enrolling, with login enabled, the first smartphone in the users list. Then the smartphone can login without Master and prepare some invitations to login with additional smartphones.

REX (REQUEST TO EXIT)

REX (REquest to eXit) is and Opto-insulated input to open the relay with a button distant up to 100 meters.

INPUT

the cable (max length 25 meters) can be configured with Argo App as one of the following:

- · Door Status.
- · Second REX (REquest to eXit).
- · Privacy ON.
- · Disabled.

OUTPUT

(relay 1A) can be configured with the Argo App as one of the following:

- · Privacy.
- · Standard users blocked.
- · Passage mode active (office mode).
- Door status.
- · Buzzer.
- Green LED or Red LED of Argo devices.
- · Lithium battery for Real Time clock Low.
- · MASTER mode.
- · Alarm for Power Supply low.
- · Activates in sequece after RELAY opens eventually controlling the INPUT configured as door status.
- Disabled

The OUTPUT relay is a signal relay (1A) and can be also configured as NO (default) or NC by a jumper under the cover enclosure.



Smart Relay 2.0

Technical features:

Communication interface:

Bluetooth 5.0 - Frequency 2,40 - 2,45 GHz Maximum power: 5,25 mW

Power supply:

10÷30 VDC (2W) 12÷24 VAC (4VA)

Inputs:

-1 Opto-insulated Input called REX (Request to EXit)

10÷30VDC (12÷24VAC +/- 10%)

I = 1,5mA @10Vdc, I = 4mA @30Vdc

Max cable length = 100mt

- 1 Digital Input (NO contact) called INPUT Max cable length = 25mt

Outputs:

- 1 Power Relay: RELAY

NO contact (normally open)

30VDC/VAC - 5A max with RESISTIVE loads

- 1 Signal Relay: OUTPUT

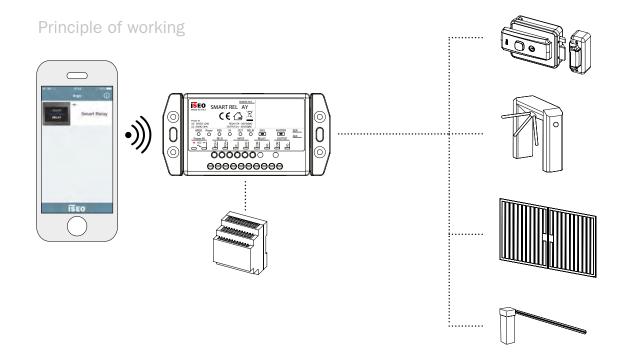
NO/NC contact (NO as default) 30VDC/VAC - 1A max with RESISTIVE loads

Housing:

- To be fixed to the wall.
- To be placed inside a box.
- On a DIN35 Rail with the additional mounting clip.
- BLE remote module protection marking IP 54

Operating temperatures:

- Working and storage: -25°C/+70°C. - H.R.: Max. 95% without condensing.





Smart **Relay** 2.0

Code

BUILT IN BLUETOOTH SMART 5.0



Power supply 10-30 VDC 12-24 VAC

2 INPUTS: REX (Request to Exit) and Configurable INPUT 2 OUTPUTS: RELAY 5 A and Configurable Signal Relay 1 A

Package: 1 Smart Relay, 1 Plastic pin to setup Programming Mode, 1 DIN rail mounting

clip with screws, 1 Installation guide (EN/IT)

BUILT IN BLUETOOTH SMART 5.0

IS5E065501

EXTERNAL BLUETOOTH SMART 5.0 (MAX 3 METERS)

Power supply 10-30 VDC 12-24 VAC

2 INPUTS: REX (Request to Exit) and Configurable INPUT 2 OUTPUTS: RELAY 5 A and Configurable Signal Relay 1 A

Package: 1 Smart Relay, 1 Plastic pin to setup Programming Mode, 1 DIN rail mounting clip with screws, 1 BLE remote module with 3 meters cable, 1 Installation guide (EN/IT)





EXTERNAL BLUETOOTH SMART 5.0 (MAX 3 METERS)

IS5E065502













x1R SMART is a motorised electronic lock specifically designed for security doors. It combines the solidity of a mechanical lock with the versatility of electronic control via smartphone, RFID tag or keypad.

Key points

Opening occurs with the aid of a motor or the "Single Action" quick release and closing occurs through motorised action controlled by a next-generation microprocessor. In case of lack of power supply the operation of the deadbolt is guaranteed by the traditional movement of keys, equipped with a security system that is able to disconnect motorisation during operation of the mechanical cylinder.

Locks of the x1R Smart series are interchangeable with the most common mechanical locks as they use the same mechanical accessories. The electronic accessories' "plug and play" electrical connections make installation extremely easy.

The system is managed through Iseo Argo, an app available on iOS and Android which you can use to connect your smartphone via Bluetooth Smart 5.0 and manage all functions.

It can be interfaced with the Iseo access control platform or a third-party system through opto-isolated Input/Output connections which can be used to control the operation modes and states for opening and closing. By using the lockbus connection with proprietary protocol it is possible to have a direct and secure connection with the Iseo range devices.

All models are available with different projections and bolt centre-to-centre distances for a vast interchangeability with mechanical versions. Escutcheons are available in various finishes.

Thanks to the solidity of the mechanical structure it is classified at the maximum grade (7) for anti-intrusion protection (EN12209).



It is certified

x1R Smart has been designed and manufactured in compliance with European standards EN14846:2008 with the following classification:



in the Simple Action version it is also certified EN 179: 2008 with the following classification:



Main functions

Smart device with Bluetooth Smart 5.0 radio interface.

Opening and programming via Argo App on iOS and Android devices.

Motorised opening and closing of deadbolts and latchbolt

Quick opening from inside the room with "Single Action" handle (optional)

Opening via PIN code, RFID Credentials 13.56 Mhz (ISO 14443A and 14443B), Classic Mifare, Plus, Desfire

Opening via European profile cylinder (EN1303, DIN 18252)

Battery powered low-energy consumption device (optional)

Wake up upon RFID card detection (patented)
Battery charge status detection

Light and sound signals

Hold open function (office function) without extra energy consumption

Light function (latch only) programmable by the user for certain days and time slots

Real Time Clock/Calendar

Memory storage of 300 users

Memory of the last 1000 events

Software that can be update by the user in the field

Compatible with the main mechanical locks for security doors



Technical features:

Backset: 63 mm

Deadbolt projection: 3 mm to 13 mm

Deadbolts:

- In chrome-plated steel
- Cylindrical section ø 18 mm
- Versions with 3 pistons (37 mm) and 4 pistons (28 mm)
- 2 throws
- Total excursion 30 mm

Latchbolt:

- In chrome plated steel
- Reversible hand
- Cylindrical section ø 20 mm
- Adjustable projection (+6 mm)

Door contacts:

- Two front contacts in chrome-plated brass
- Rectangular section 10x8
- Reversible hand
- Adjustable projection from 0 to 15 mm
- Nylon stop with chrome plated brass contacts
- Connection for power supply from 8 to 30 VDC 30W

Mechanical controls:

- Set up for European profile cylinder (EN1303, DIN 18252)
- Cylinder fixing system through support side screw
- Handle follower: section 8 mm
- Centre distance between handle follower and cylinder hole 85 mm

Lock fixings:

- Mortice lock with front plate in chrome-plated steel (dimensions H 410 mm x L 35 mm x W 3 mm)
- Rim lock with 4 fixing screws M6
- Rim lock with 4 fixing screw nuts M6

Lockcase dimensions:

- Width 30 mm
- Height 262 mm
- Depth 136 mm

Top and bottom rod attachments:

- In zinc-plated steel
- Maximum projection 53 mm (upper), 50 mm (lower)
- Rods projection 20 mm

Power supply:

- Battery operated with 6 1.5 VDC alkaline batteries (duration around 30,000 opening cycles)
- Power supply from 8 to 30 VDC 30W
- Consumption at rest 0.05A Maximum (forced) 2.5A



Connections:

- Bluetooth Smart 5.0 (integrated into external control modules)
- External control module with RFID reader 13.56 Mhz (ISO 14443A-ISO 14443B) Classic Mifare, Plus, Desfire
- External control module with backlit keypad and RFID reader 13.56 Mhz (ISO 14443A-ISO 14443B), Classic Mifare, Plus, Desfire
- External control module with biometric fingerprint reader
- Two button internal control module (encrypted communication)
- Opto-isolated opening control 8-30 VDC/VAC
- Power from 8 to 30 VDC 30W

Relay status signal configurable from the App:

- Door secured (in frame door + deadbolts and latchbolt out)
- Opening control for motorised door operator

Software:

- Argo app for smartphone
- Free and available for iOS and Android devices
- OEM development platform available

Programming:

- Master Card set for programming
- With Argo App (User Management, Door parameters, Events logs, Utility)
- Lock firmware and peripheral devices can be updated on-site

Opening credentials:

- Card, key fob and Iseo transponder keyring
- Card 13.56 Mhz (ISO 14443A-ISO 14443B) Classic Mifare, Plus, Desfire
- Pin code (from 4 to 14 digits)
- Fingerprint
- Programming of a maximum of 300 credentials

Environmental characteristics:

- Operating temperature -20°C +70°C
- Storage temperature -25°C +75°C
- IP lock protection grade: IP44

Reference standards:

- UNI EN 14846:2008 with Classification 3X9E0P713
- UNI EN 179:2008 with Classification 377B1452AB (only the "Single Action" version)

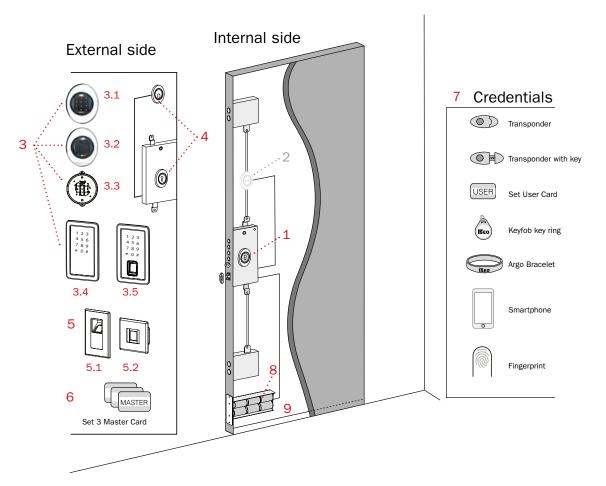
Options and versions:

- Standard or with "Single Action" quick opening device
- Rim or mortice version
- 3 pistons (37 mm) and 4 pistons (28 mm)
- Bolt projection 3 mm or 13 mm
- Battery operated (with mains electricity power supply optional)
- Mains electricity (with optional back-up batteries)
- Connection through 8-pole multifunction cables
- Remote control connection through bipolar cable and adjustable door contact.



x1R Smart 2.0 Installation schemes

BATTERY OPERATED



- 1. x1R Smart lock
 - STANDARD 000696xxxx5xxx
- SINGLE ACTION 000699xxxx5xxx
- 2. Two-button internal control module * 0000098PI0696
 - only for x1R Smart STANDARD
- 3. External control module*
 - 3.1 Keypad + RFID Reader + Bluetooth 0000098111696
- 3.2 RFID Reader + Bluetooth 0000098105696
- 3.3 Hidden RFID reader + Bluetooth -
- 0000098106696
- 3.4 Multi-Reader (Keyboard + RFID + Bluetooth) 0000098108696
- 3.5 Multi-Reader with Fingerprint (Keyboard + RFID + Bluetooth) 0000098109696

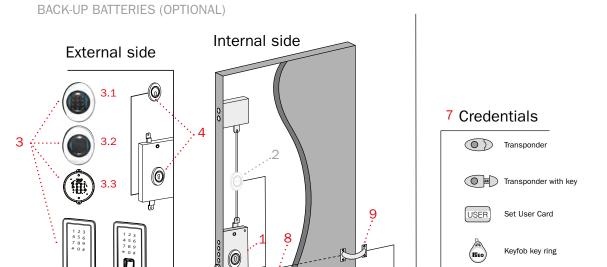
- 4. Escutcheons with various finishes 0000098Nxxx
- 5. Fingerprint reader (optional)*
- 5.1 Embedded reader 5E62100 Embedded reader (Protruding) - 5E63100
 - 5.2 Reader for surface-mounted installation 5E62200
- 5.2 Reduct for surface mounted installation. SE6220
- 6. Master Card set Desfire - 5E405309.3
- 7. Credentials (for the codes refer to the Argo Cards chapter)
- 8. Battery holder
- 5820069600005
- 9. Kit 6 alkaline batteries 5820060000006

^{*} The code does not include the escutcheons in the various finishes



x1R Smart 2.0 Installation schemes

MAINS ELECTRICITY POWER SUPPLY BY CONCEALED LEAD COVER



1. x1R Smart lock STANDARD - 000696xxxx5xxx SINGLE ACTION - 000699xxxx5xxx

Set 3 Master Card

6

5.2

MASTER

2. Two-button internal control module * 0000098PI0696

only for x1R Smart STANDARD

- 3. External control module*
 - 3.1 Keypad + RFID Reader + Bluetooth 0000098111696
 - 3.2 RFID Reader + Bluetooth 0000098105696
 - 3.3 Hidden RFID reader + Bluetooth 0000098106696
- 3.4 Multi-Reader (Keyboard + RFID + Bluetooth) 0000098108696
- 3.5 Multi-Reader with Fingerprint (Keyboard + RFID + Bluetooth) 0000098109696
- Escutcheons with various finishes 0000098Nxxx

- 5. Fingerprint reader (optional)*
 - 5.1 Embedded reader 5E62100 Embedded reader (Protruding)) - 5E63100
 - **5.2** Reader for surface-mounted installation 5E62200
- 6. Master Card set Desfire - 5E405309.3
- 7. Credentials (for the codes refer to the Argo Cards chapter)

Argo Bracelet

Smartphone

Fingerprint

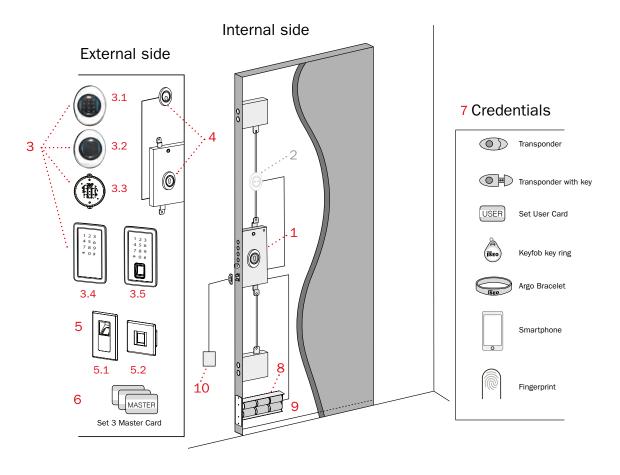
- 8. 8-pole multifunction connection cable 98MP0696
- 9. Spring concealed lead cover
- 10. Power supply unit 5E3507
- 11. Battery holder (optional) 5820069600005
- 12. Kit 6 alkaline batteries (optional) 5820060000006

^{*} The code does not include the escutcheons in the various finishes



x1R Smart 2.0 Installation schemes

MAINS ELECTRICITY POWER SUPPLY BY DOOR SENSOR CONTACT PLUS ALKALINE BATTERIES



- 1 x1R Smart lock STANDARD - 000696xxxx5xxx SINGLE ACTION - 000699xxxx5xxx
- 2. Two-button internal control module* 0000098PI0696

only for x1R Smart STANDARD

- 3. External control module*
 - 3.1 Keypad + RFID Reader + Bluetooth 0000098111696
 - 3.2 RFID Reader + Bluetooth 0000098105696
 - 3.3 Hidden RFID reader + Bluetooth 0000098106696
 - 3.4 Multi-Reader (Keyboard + RFID + Bluetooth) 0000098108696
 - 3.5 Multi-Reader with Fingerprint (Keyboard + RFID + Bluetooth) 0000098109696
- 4. Escutcheons with various finishes 0000098Nxxx

- 5. Fingerprint reader (optional)*
 - 5.1 Embedded reader 5E62100 Embedded reader (Protruding) - 5E63100
- 5.2 Reader for surface-mounted installation 5E62200
- 6. Master Card set

Desfire - 5E405309.3

- 7. Credentials (for the codes refer to the Argo Cards chapter)
- 8. Battery holder 5820069600005
- 9. Kit 6 alkaline batteries 5820060000006
- 10. Power supply unit 5870069603809

^{*} The code does not include the escutcheons in the various finishes



Code

Rim version

Motorised electronic lock with European profile cylinder.

Deadbolts in chrome-plated steel ø 18 mm, projection 30 mm

Reversible latchbolt ø 20 mm, adjustable projection.

Handle follower 8 mm for latchbolt operation.

Top and bottom attachments for rods for additional closures.

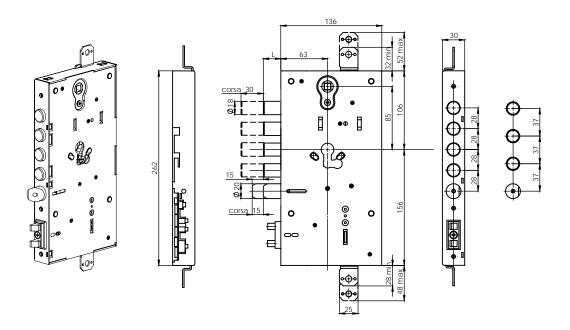
Rim fixing with 4 passing screws or screw nuts.

Set up for M6 passing screws for cylinder protection fixing.

Reversible door sensor with adjustable projection, including alignment device.

Supplied with: lock, door sensor, cylinder fixing screws, assembly instructions.

Compatible with Bluetooth 5.0 Smart readers only.



Smart

4 DEADBOLTS. Projection 3. Centre distance 28

4 DEADBOLTS. Projection 13. Centre distance 28

3 DEADBOLTS. Projection 3. Centre distance 37

3 DEADBOLTS. Projection 13. Centre distance 37

IS0006960328550 IS0006961328550 IS0006960337550 IS0006961337550

Smart SINGLE ACTION with quick release via the handle

4 DEADBOLTS. Projection 3. Centre distance 28

4 DEADBOLTS. Projection 13. Centre distance 28

3 DEADBOLTS. Projection 3. Centre distance 37

3 DEADBOLTS. Projection 13. Centre distance 37

IS0006990328550 IS0006991328550 IS0006990337550 IS0006991337550

82



Code

Mortice version

Motorised electronic lock with European profile cylinder.

Deadbolts in chrome-plated steel ø 18 mm, projection 30 mm

Reversible latch ø 20 mm, adjustable projection.

Handle follower 8 mm for latchbolt operation.

Top and bottom attachments for rods for additional closures.

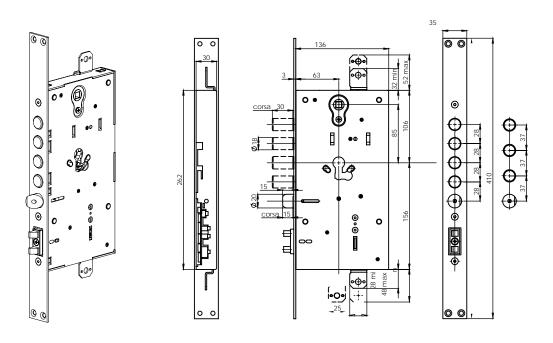
Mortice fixing with front plate in chrome-plated steel mm 410x35x3.

Set up for M6 passing screws for cylinder protection fixing.

Reversible door sensor with adjustable projection, including alignment device.

Supplied with: lock, door sensor, cylinder fixing screws, assembly instructions.

Compatible with Bluetooth 5.0 Smart readers only.



Smart

4 DEADBOLTS. Centre distance 28 3 DEADBOLTS. Centre distance 37

IS0006960028550 IS0006960037550

Smart SINGLE ACTION with quick release via the handle

4 DEADBOLTS. Centre distance 28 3 DEADBOLTS. Centre distance 37

IS0006990028550* IS0006990037550



Panic 4RM Motorized and anti-panic

lock for armoured doors

Code

Rim version

Motorized anti-panic lock PANIC 4RM compliant with EN1125/EN179 with European profile cylinder.

The lock inherits the characteristics of the x1R SMART Single Action

Deadbolt in chromed steel diam. 18 mm, stroke 30 mm

Reversable latch diam. 20 mm, adjustable protrusion

Square spindle 8 mm. Suitable for fire-resistant doors

Bar attachments for additional high and low locking

Preparation of M6 through screws for cylinder protection escutcheon fixing

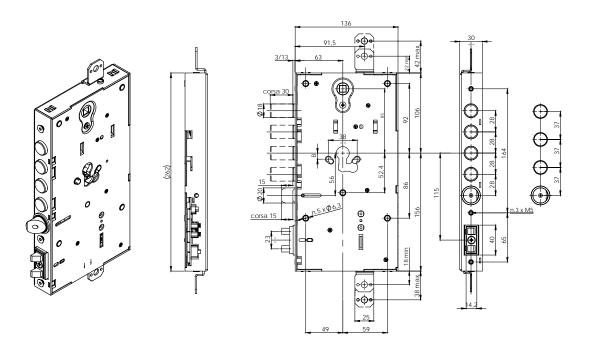
Reversible door contact sensor with adjustable protrusion.

Comes equipped with: lock, leaf approach contact, strike plate, cylinder fixing screws, instructions

Compatible with Bluetooth 5.0 Smart readers only.

Operation

From the inside: pushing the bar (EN1125) or turning the handle (EN179) retracts the latch and deadbolts. From the outside: The key operates the deadbolts and retracts the latch.



4 DEADBOLTS, protrusion 3, centre distances 28

4 DEADBOLTS, protrusion 13, centre distances 28

3 DEADBOLTS, protrusion 3, centre distances 37

3 DEADBOLTS, protrusion 13, centre distances 37

IS00069H0328550 IS00069H1328550 IS00069H0337550 IS00069H1337550





Code

Pro 4RM



Panic exit bar for armoured doors

Reversible activation bar PRO 4RM for PANIC 4RM locks.

Square spindle 8 mm, rotation of $40\ensuremath{^\circ}$

The reduced dimensions allow to use the pre-existing escutcheons of the cylinder

Matching accessories to be ordered separately:

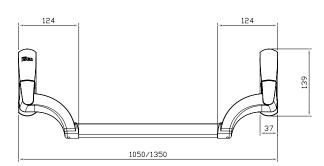
Oval bar series 9459*

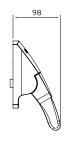
Support plate 0000A00103

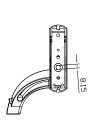
Central Mechanism

Painted BLACK ENDUR4NCE FINISH Painted WHITE Painted METAL GREY IS94H0000504S8 IS94H0000R04S8 IS94H0000404S8 IS94H0000704S8









Accessories

Horizontal Bar Panic Devices 1330mm - Red Horizontal Bar Panic Devices 1330mm - Steel Horizontal Bar for Panic Devices 1330mm - Green IS945938 IS945932 IS945929



x1R Smart 2.0 Readers

Code



EXTERNAL CONTROL MODULE WITH RFID READER 13.56 MHZ AND BLUETOOTH SMART 5.0 Compatible with x1R SMART, includes pair of connection cables L 100 cm

EXTERNAL CONTROL MODULE WITH RFID READER 13.56 MHZ AND BLUETOOTH SMART 5.0

IS00000098105696



EXTERNAL CONTROL MODULE WITH KEYBOARD, RFID READER 13,56 MHZ AND BLUETOOTH SMART 5.0 LE compatible with x1R SMART includes pair of connection cables L 100 cm

. EXTERNAL CONTROL MODULE WITH KEYBOARD

IS00000098111696



Hidden RFID reader and BLUETOOTH SMART 5.0. Compatible with x1R Smart

Hidden RFID reader and BLUETOOTH SMART 5.0. Compatible with x1R Smart

IS00000098106696



MULTI-READER

Compatible with x1R SMART.

Includes black cover and 3 connection cables L 1 mt.

Numeric keyboard, RFID reader 13,56 Mhz, Bluetooth SMART 5.0

MULTI-READER

IS00000098108696



MULTI-READER WITH FINGERPRINT
Compatible with x1R SMART.
Includes black cover and 3 connection cables L 1 mt.
Numeric keyboard, RFID reader 13,56 Mhz, biometric reader, Bluetooth SMART 5.0

MULTI-READER WITH FINGERPRINT

IS00000098109696



x1R Smart 2.0 Accessories

Code



2-BUTTON INTERNAL CONTROL MODULE

Compatible with x1R SMART, includes connection cable L 60 cm.

X1R Smart 2-BUTTON INTERNAL CONTROL MODULE

IS00000098PI0696



METAL BOX FOR HIDDEN READER

METAL BOX FOR HIDDEN READER IS0000098NBM696



EMBEDDED FLUSH FINGERPRINT READER

Compatible with x1R SMART. Includes pair of connection cables L 100 cm $\,$

Encrypted data communication protocol.

EMBEDDED FLUSH FINGERPRINT READER

IS5E62100



EMBEDDED PROTRUDING FINGERPRINT READER

Compatible with x1R SMART. Includes pair of connection cables L 100 \mbox{cm}

Encrypted data communication protocol.

EMBEDDED PROTRUDING FINGERPRINT READER

IS5E63100



SURFACE MOUNTED FINGERPRINT READER

Compatible with x1R SMART. Includes pair of connection cables L 100 cm

Encrypted data communication protocol.

SURFACE MOUNTED FINGERPRINT READER

IS5E62200



IP66 SURFACE MOUNTED FINGERPRINT READER

Compatible with x1R SMART with embedded cable and IP66 connector.

Encrypted data communication protocol.

IP66 SURFACE MOUNTED FINGERPRINT READER IS5E62220



IP66 CABLE FOR FINGERPRINT READER L 1.2 mt.

IP66 CABLE FOR FINGERPRINT READER L 1.2 mt. IS0000IS00246



IP66 CABLE FOR FINGERPRINT READER L 10 mt.

IP66 CABLE FOR FINGERPRINT READER L 10 mt. IS0000IS00247





Thesis 2.0





Thesis 2.0

Thesis 2.0 is a range of electro-mechanical locks which transforms a simple door in a smart access and makes it even safer

and more functional thanks to its performances.

Unlike the traditional electric locks, its security status is automatically restored with a locking time which can be set according to any needs.

The Thesis 2.0 models ensure a high anti-intrusion security, and the opening operation can be controlled by transponders, contactless cards and/or PIN codes.

The range of Stylos credential readers and controllers dialogue with Thesis 2.0 Standard in a direct way through Lockbus interface,

i.e. without intermediate electronic devices.

Key Points

- The technology and materials chosen for THESIS 2.0 Standard guarantee its durability, which is much longer than the standard requirements.
- Innovative electronics with power reserve (booster) guaranteeing an efficient deadbolt movement in difficult operating conditions, even with 8 Volts only.
- Power supply from 8 to 30Vdc 1A. Its operation is guaranteed also in complex installations and critical situations.
- Flexible installation conditions and low power consumption.
- Thesis 2.0 guarantees a trouble-free operation even if installed horizontally. It represents the ideal solution for automatic sliding doors.
- The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.
- It can operate in interlock mode (manual or automatic) for bidirectional doors without any external control device.



A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.



Thesis 2.0 Standard Latchbolt

It has the same features of the Standard version. Thanks to its self-locking and self-ejecting latchbolt, it works also as a traditional mechanical security lock.

It guarantees door locking, even if in case of lack of power supply, always in maximum security and comfort. A steel autolocking self-ejecting latchbolt with a 20 mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).

The latchbolt ensures a typical mechanic lockcase functioning also in absence of the power supply. The door closing is always effective thanks to the latchbolt function.

Available only in Fail Secure mode (N.C. Normally Closed) version.



Thesis 2.0 Professional

It is the Heavy Duty version of the Thesis 2.0 Standard. It combines the functions of the standard version to the soundness and anti-manipulation resistance, which make it the ideal solution for professional installations where maximum passive security and high use frequency are required, such as shops, banks and public offices entrances.

The technology and materials chosen for THESIS 2.0 Professional guarantee its durability, which is much longer than the standard requirements (even over 1 million operating cycles).

A hardened steel deadbolt with a 18 mm diameter, and 22 mm extension and a 4 mm stainless steel front plate ensure a high anti-intrusion security (level 7 according to EN12209 standard).

The operation is guaranteed even in case of a residual lateral load up to 15N and of a bad door alignment. This is why it is at the top of the market.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.



Thesis 2.0 Professional Mini

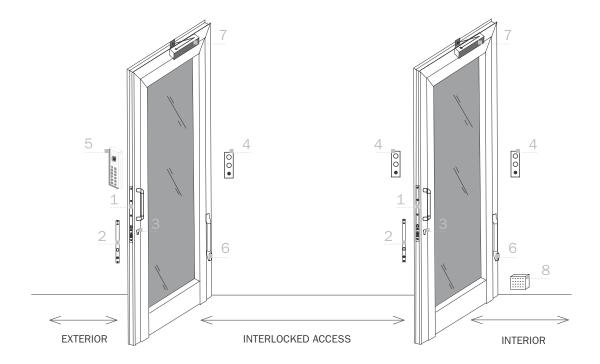
It has the same features as the Professional version but its case is smaller and it can't be operated through handle and cylinder.

It is the ideal solution for installations where only the electric operation of the lock is required, eventually combined with other classic closing systems.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.

Thesis 2.0

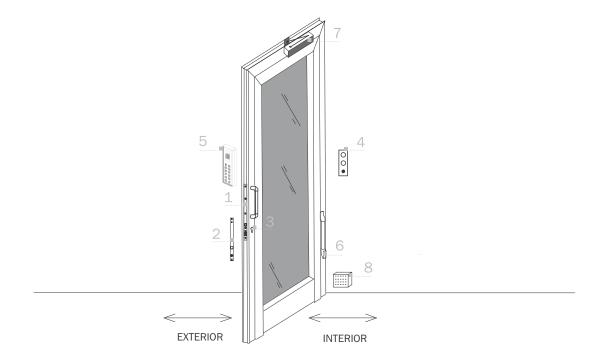
ON INTERLOCKED DOORS



- 1. Thesis 2.0 lock
- 2. Striking plate
- 3. European profile cylinder
- 4. Status indicator with pushbutton
- 5. Stylos reader
- 6. Concealed lead covers
- 7. Door closer
- 8. Power supply unit

Thesis 2.0

ON SINGLE DOORS



- 1. Thesis 2.0 lock
- 2. Striking plate
- 3. European profile cylinder
- 4. Status indicator with pushbutton
- 5. Stylos reader
- 6. Concealed lead covers
- 7. Door closer
- 8. Power supply unit

Thesis 2.0 Standard transforms a simple door in a smart access and makes it even safer and more functional thanks to its performances. Unlike the traditional electric locks, its security status is automatically restored with a locking time which can be set according to any needs.

A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security, and the opening operation can be controlled by transponders, contactless cards and/or PIN codes.

The range of Stylos credential readers and controllers dialogues with Thesis 2.0 Standard in a direct way through Lockbus interface, i.e. without intermediate electronic devices.

Key Points

- The technology and materials chosen for THESIS 2.0 Standard guarantee its durability, which is much longer than the standard requirements.
- Innovative electronics with power reserve (booster) guaranteeing an effi cient deadbolt movement in difficult operating conditions: even with 8 Volts only.
- A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).
- Power supply from 8 to 30Vdc 1A. Its operation is guaranteed also in complex installations and critical situations.
- Flexible installation conditions and low power consumption.
- Thesis 2.0 Standard guarantees a trouble-free operation even if installed horizontally.
- It represents the ideal solution for automatic sliding doors.
- The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.
- Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.
- It can operate in interlock mode (manual or automatic) for bidirectional doors without any external control device.



It is certified

Thesis 2.0 Standard is conceived and manufactured in compliance with European standards EN 14846:08, with the following classification: $\frac{1}{2} \frac{1}{2} \frac{1$



- (*) 0 = in combination with STATUS INDICATOR
 - 1 = in combination without STATUS INDICATOR



Technical features

Backset: 25/30/35 mm

Deadbolt:

- hardened inox steel;
- cutting resistant (free rotating);
- Ø14mm diameter;
- single throw;
- 20mm extension.
- to prolong the life of the solenoid bolt the shape of the bolt guide has been improved by strengthening the collar.

European profile cylinder hole.

Handle follower (optional): 8mm;

Centre distance between handle follower and cylinder: 85mm

Front plate:

- inox steel;
- 25x371 mm thickness 3mm;
- door positioning sensor and alignment device.

Striking plate:

- Inox steel;
- 25x367mm thickness 3mm;
- 2 oval fixing holes for 4 mm vertical regulation and a central hole for definitive fixing;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

- thickness 22mm
- length 280mm
- depth 38/43/48 mm

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

CC power supply min. characteristics: 8÷30Vdc15W.

Opening control:

- opto-isolated input 8÷24Vdc/12Vac;

Max voltage and current applicable to signalling relay:

- 24Vdc 1A;
- 120Vac 0.5A.

Programmable status signal:

- secured door status;
- door status;
- bolt status;
- command for motorised door opener.

Lockbus connection:

- data communication and power supply on the same 3 wire connections;
- maximum length 100 mt;
- secure devices authentification;
- encrypted data transmission for high security against hacking.

Adjustable timings:

- door opening time (courtesy time): 1÷180 sec. (15 sec. default);
- delayed closure time (at closing of the door): 1÷60 sec. (1 sec. default).

Environmental features:

- operating temperature: -20°C÷+60°C;
- storage temperature: -25°C÷+70°C;
- protection level (IP grading): IP44;

Reference Standard: EN 14846:2008;

grading: 3 C 8 0 0 G 3 0 1

3 C 8 O O G 3 1 1 (in combination with STATUS INDICATOR).

Options and Versions:

With and without handle follower

Operating modes in case of power failure:

- Fail Secure mode (N.C. Normally Closed)
- Fail Safe mode (N.O. Normally Open)

The new implementation will allow the mechanical key override retraction to be fully mechanical and not reliant on a power source to assist with the bolt withdrawal.

Operating software:

- single door;
- bidirectional doors with manual interlock functionality (*);
- bidirectional doors with automatic interlock functionality (*);

(*) direct connection between the 2 locks with encrypted communication.

Lockbus

LOCAL BUS

All devices belonging of the THESIS range are compatible with ISEO Lockbus.

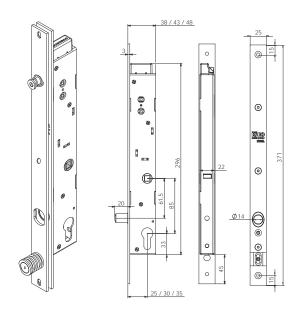
Lockbus is a powerful multipoint bus sharing data transmission and power supply on the same 3-wire connection for utmost flexibility, easy installation and consequently, cost optimisation.

Lockbus highlights:

Data transmission and power supply on the same 3-wire connection up to 100mt;

Self-adjusting power supply from 8Vdc to 30Vdc;

Secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation.



DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Hardened steel bolt, \emptyset 14mm diameter, one throw, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line

frame sensor.

Handle follower 8mm.

European profile cylinder hole.

Fail Secure mode.

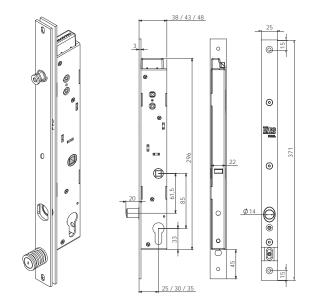
Package: 1 dropbolt, 1 striking plate, instruction manual, screws,

connector with rubber protection, handle follower.

Handle follower/cylinder centre distance 85mm

Thesis 2.0 Standard - Fail Secure - With 8mm Handle

CODE	DESCRIPTION
IS075-00802521	2:0 STD-S-Door-Han-25mm-Fail Sec
IS075-00803021	2:0 STD-S-Door-Han-30mm-Fail Sec
IS075-00803521	2:0 STD-S-Door-Han-35mm-Fail Sec
IS075-0A802521	2:0 STD-A intlock-Han-25mm-Fail Sec
IS075-0A803021	2:0 STD-A intlock-Han-30mm-Fail Sec
IS075-0A803521	2:0 STD-A intlock-Han-35mm-Fail Sec
IS075-0M802521	2:0 STD-M Intlock-Han-25mm-Fail Sec
IS075-0M803021	2:0 STD-M Intlock-Han-30mm-Fail Sec
IS075-0M803521	2:0 STD-M Intlock-Han-35mm-Fail Sec



DROPBOLT FAIL SAFE WITH HANDLE FOLLOWER.

Hardened steel bolt, \emptyset 14mm diameter, one throw, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line

frame sensor. Handle follower 8mm.

European profile cylinder hole.

Fail Safe mode. The new implementation will allow the mechanical key override retraction to be fully mechanical and not reliant on a power source to assist with the bolt withdrawal.

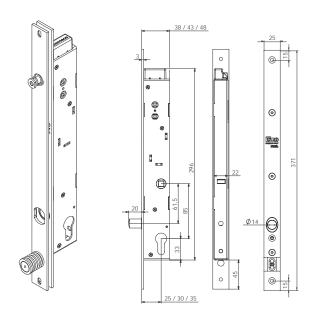
Package: 1 dropbolt, 1 striking plate, instruction manual, screws,

connector with rubber protection, handle follower.

Handle follower/cylinder centre distance 85mm

Thesis 2.0 Standard - Fail Safe - With 8mm Handle

CODE	DESCRIPTION
IS075-00802522 IS075-00803022 IS075-00803522	2:0 STD-S-Door-Han-25mm-Fail Saf 2:0 STD-S-Door-Han-30mm-Fail Saf 2:0 STD-S-Door-Han-35mm-Fail Saf
IS075-0A802522 IS075-0A803022 IS075-0A803522	2:0 STD-A intlock-Han-25mm-Fail Saf 2:0 STD-A intlock-Han-30mm-Fail Saf 2:0 STD-A intlock-Han-35mm-Fail Saf
IS075-0M802522 IS075-0M803022 IS075-0M803522	2:0 STD-M Intlock-Han-25mm-Fail Saf 2:0 STD-M Intlock-Han-30mm-Fail Saf 2:0 STD-M Intlock-Han-35mm-Fail Saf



DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø14mm diameter, one throw, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line frame sensor.

No handle follower.

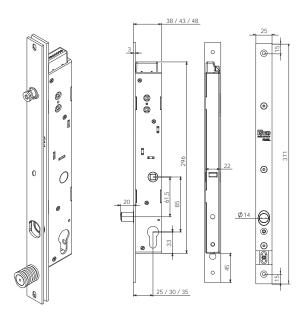
European profile cylinder hole.

Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection.

Thesis 2.0 Standard - Fail Secure - Without 8mm Handle

CODE	DESCRIPTION
IS075-00002521	2:0 STD-S-Door-25mm-Fail Sec
IS075-00003021	2:0 STD-S-Door-30mm-Fail Sec
IS075-00003521	2:0 STD-S-Door-35mm-Fail Sec
IS075-0A002521	2:0 STD-A intlock-25mm-Fail Sec
IS075-0A003021	2:0 STD-A intlock-30mm-Fail Sec
IS075-0A003521	2:0 STD-A intlock-35mm-Fail Sec
IS075-0M002521	2:0 STD-M Intlock-25mm-Fail Sec
IS075-0M003021	2:0 STD-M Intlock-30mm-Fail Sec
IS075-0M003521	2:0 STD-M Intlock-35mm-Fail Sec



DROPBOLT FAIL SAFE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø14 mm diameter, one throw, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line

frame sensor. No handle follower.

European profile cylinder hole.

Fail Safe mode. The new implementation will allow the mechanical key override retraction to be fully mechanical and not reliant

on a power source to assist with the bolt withdrawal.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws,

connector with rubber protection.

Thesis 2.0 Standard - Fail Safe - Without 8mm Handle

CODE	DESCRIPTION
IS075-00002522 IS075-00003022 IS075-00003522	2:0 STD-S-Door-25mm-Fail Saf 2:0 STD-S-Door-30mm-Fail Saf 2:0 STD-S-Door-35mm-Fail Saf
IS075-0A002522 IS075-0A003022 IS075-0A003522	2:0 STD-A intlock-25mm-Fail Saf 2:0 STD-A intlock-30mm-Fail Saf 2:0 STD-A intlock-35mm-Fail Saf
IS075-0M002522 IS075-0M003022 IS075-0M003522	2:0 STD-M Intlock-25mm-Fail Saf 2:0 STD-M Intlock-30mm-Fail Saf 2:0 STD-M Intlock-35mm-Fail Saf

Thesis 2.0 Standard Latchbolt has the same features of the Standard version. Thanks to its self-locking and self-ejecting latchbolt, it works also as a traditional mechanical security lock. It guarantees door locking, even if in case of lack of power supply, always in maximum security and comfort.

Key Points

- The technology and materials chosen for THESIS 2.0 Standard guarantee its durability, which is much longer than the standard requirements.
- Innovative electronics with power reserve (booster) ensuring an efficient bolt movement in difficult operating conditions: even with 8 Volts only.
- A steel autolocking self-ejecting latchbolt with a 20mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).
- The latchbolt ensures a typical mechanic lockcase functioning also in absence of the power supply.
- The door closing is always effective thanks to the latchbolt function.
- Power supply from 8 to 30Vdc 1A. Flexible installation conditions and low power consumption.
- The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.
- Available only in Fail Secure mode (N.C. Normally Closed).
- It can operate in interlock mode (manual or automatic) for bidirectional doors without any external control device.



It is certified

Thesis 2.0 Standard Latchbolt is conceived and manufactured in compliance with European standards EN 14846:08, with the following classification:



- (*) 0 = in combination with STATUS INDICATOR
 - 1 = in combination without STATUS INDICATOR



Technical features

Backset: 25/30/35 mm

Latchbolt:

- hardened inox steel;
- Ø14 mm diameter;
- self-ejecting (mechanical);
- 20 mm extension;

European profile cylinder hole

Handle follower (optional): 8mm;

Centre distance between handle follower and cylinder: 85mm

Front plate:

- inox steel;
- 25x371 mm thickness 3mm;
- door positioning sensor and alignment device;

Striking plate:

- Inox steel;
- 25x330 mm thickness 3mm;
- 2 oval fixing holes for 4mm vertical regulation and a central hole for definitive fixing;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

- thickness 22mm
- length 280mm
- depth 38/43/48mm

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

CC power supply min. characteristics: 8÷30Vdc 15W.

Opening control:

- opto-isolated input 8÷24Vdc /12Vac;

Max voltage and current applicable to signalling relay:

- 24Vdc 1A;
- 120Vac 0.5A;

Programmable status signal:

- secured door status;
- door status;
- latchbolt status;
- command for motorised door opener;

Lockbus connection:

- data communication and power supply on the same 3 wire connections;
- maximum length 100 mt;
- secure devices authentification;
- encrypted data transmission for high security against hacking;

Adjustable timings:

- door opening time (courtesy time): 1÷180 sec. (15 sec. default)

Environmental features:

- operating temperature: -20°C÷+60°C;
- storage temperature: -25°C÷+70°C;
- protection level (IP grading): IP44; Reference Standard: EN 14846:2008;

grading: 3 C 8 O O G 3 O 1

3 C 8 O O G 3 1 1 (in combination with status indicator)

Options and Versions:

With and without handle follower

Operating modes in case of power failure:

- Fail Secure mode (N.C. Normally Closed)
- Fail Safe mode (N.O. Normally Open)

Operating software:

- single door;
- bidirectional doors with manual interlock functionality (*);
- bidirectional doors with automatic interlock functionality (*);

(*) direct connection between the 2 lock with encrypted communication

Lockbus

LOCAL BUS

All devices belonging of the THESIS range are compatible with ISEO Lockbus.

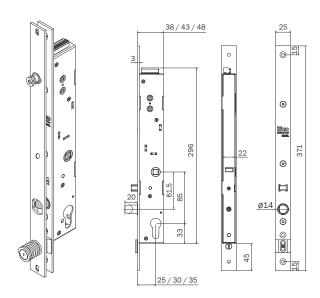
Lockbus is a powerful multipoint bus sharing data transmission and power supply on the same 3-wire connection for utmost flexibility, easy installation and consequently, cost optimisation.

Lockbus highlights:

Data transmission and power supply on the same 3-wire connection up to 100mt;

Self-adjusting power supply from 8Vdc to 30Vdc;

Secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation.



DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Reversible hardened steel latchbolt, Ø14mm diameter, self-locking, self-ejecting function, 20mm excursion.

Stainless steel front plate with alignment device. Stainless steel striking plate with alignment device and in line frame sensor.

Handle follower 8mm.

European profile cylinder hole.

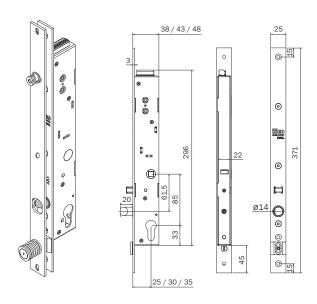
Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection, handle follower.

Handle follower/cylinder centre distance 85mm

Thesis 2.0 Standard Latch - Fail Secure - With 8mm Handle

CODE	DESCRIPTION
IS075-10802521	2:0 Lat-S-Door-Han-25mm-Fail Sec
IS075-10803021 IS075-10803521	2:0 Lat-S-Door-Han-30mm-Fail Sec 2:0 Lat-S-Door-Han-35mm-Fail Sec
IS075-1A802521	2:0 Lat-A intlock-Han-25mm-Fail Sec
IS075-1A803021	2:0 Lat-A intlock-Han-30mm-Fail Sec
IS075-1A803521	2:0 Lat-A intlock-Han-35mm-Fail Sec
IS075-1M802521 IS075-1M803021	2:0 Lat-M Intlock-Han-25mm-Fail Sec 2:0 Lat-M Intlock-Han-30mm-Fail Sec
IS075-1M803521	2:0 Lat-M Intlock-Han-35mm-Fail Sec



DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel latchbolt, Ø14mm diameter, self-ejecting function, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line frame sensor.

Without handle follower.

European profile cylinder hole.

Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection.

Thesis 2.0 Standard Latch - Fail Secure - Without 8mm Handle

CODE	DESCRIPTION
IS075-10002521	2:0 Lat-S-Door-25mm-Fail Sec
IS075-10003021 IS075-10003521	2:0 Lat-S-Door-30mm-Fail Sec 2:0 Lat-S-Door-35mm-Fail Sec
IS075-1A002521	2:0 Lat-A intlock-25mm-Fail Sec
IS075-1A003021 IS075-1A003521	2:0 Lat-A intlock-30mm-Fail Sec 2:0 Lat-A intlock-35mm-Fail Sec
IS075-1M002521	2:0 Lat-M Intlock-25mm-Fail Sec
IS075-1M003021 IS075-1M003521	2:0 Lat-M Intlock-30mm-Fail Sec 2:0 Lat-M Intlock-35mm-Fail Sec

Thesis 2.0 Professional

Thesis 2.0 Professional is the Heavy Duty version of the Thesis 2.0 Standard. It combines the functions of the standard version to the soundness and anti-manipulation resistance, which make it the ideal solution for professional installations where maximum passive security and high use frequency are required, such as shops, banks and public offices entrances. Thesis 2.0 transforms a simple door in a smart gate and makes it even safer and more functional because it restores automatically its security status thanks to the delayed time locking to be set directly from the end user according to his different needs. A steel deadbolt with a 22 mm extension ensures a high anti-intrusion security, and the opening operation can be controlled by transponders, contactless cards and/or PIN codes. The range of Stylos credential readers and controllers dialogue with Thesis 2.0 Professional in a direct way through Lockbus interface, i.e. without intermediate electronic devices, creating flexible and effective electronic access control solutions.

Key Points

- The technology and materials chosen for THESIS 2.0 Professional guarantee its durability, which is much longer than the standard requirements (even over 1 million operating cycles).
- A hardened steel deadbolt with a 18 mm diameter, and 22 mm extension and a 4 mm stainless steel front plate ensure a high anti-intrusion security (level 7 according to EN12209 standard).
- The operation is guaranteed even in case of a residual lateral load up to 15N and of a bad door alignment. This is why it is at the top of the market.
- Innovative electronics with power reserve (booster) guaranteeing an effi cient deadbolt movement in difficult operating conditions: even with 8V only!
- Power supply from 8 to 30Vdc 1A. Its operation is guaranteed also in complex installations and critical situations. Flexible installation conditions and low power consumption.
- Thesis 2.0 Professional guarantees a trouble-free operation even if installed horizontally. It represents the ideal solution for automatic sliding doors.
- The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.
- Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.
- It can operate in interlock mode (manual or automatic) for double doors without any external control device.



It is certified

Thesis 2.0 Professional is conceived and manufactured in compliance with European standards EN 14846:08, with the following classification:



(*) 0 = in combination with STATUS INDICATOR

1 = in combination without STATUS INDICATOR



Technical features

Backset: 30/35/40 mm

Deadbolt:

- hardened steel;
- diameter Ø18mm;
- single throw
- extension 22mm.

European profile cylinder hole

Handle follower (optional): 8mm;

Centre distance between handle follower and cylinder: 85mm

Front plate:

- inox steel;
- 30x371 mm thickness 4mm;
- door positioning sensor and alignment device;

Striking plate:

- Inox steel;
- 30x371 mm thickness 4mm;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

- thickness 27mm
- length 280mm
- depth 44/49/54 mm

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

CC power supply min. characteristics: 8÷30 VDC15W.

Opening control:

- opto-isolated input 8÷24Vdc/12Vac;

Max voltage and current applicable to signalling relay:

- 24Vdc 1A;
- 120Vac 0.5A;

Programmable status signal:

- secured door status;
- door status;
- latchbolt status;
- command for motorised door opener;

Lockbus connection:

- data communication and power supply on the same 3 wire connections;
- maximum length 100 mt;
- secure devices authentification;
- encrypted data transmission for high security against hacking;

Adjustable timings:

- door opening time (courtesy time): 1÷180 sec. (15 sec. default);
- delayed closure time (at closing of the door): 1÷60 sec. (1 sec. default).

Thesis 2.0 Professional

Environmental features:

- operating temperature: -20°C÷+60°C;

- storage temperature: -25°C÷+70°C;

- protection level (IP grading): IP44; Reference Standard: EN 14846:2008;

grading: 3 H 8 0 0 E 7 0 1

3 H 8 O O E 7 1 1 (in combination with status indicator)

Options and Versions:

With and without handle follower

Operating modes in case of power failure:

- Fail Secure mode (N.C. Normally Closed)
- Fail Safe mode (N.O. Normally Open)

Operating software:

- single door;
- bidirectional doors with manual interlock functionality (*);
- bidirectional doors with automatic interlock functionality (*);

(*) direct connection between the 2 lock with encrypted communication.

Lockbus

LOCAL BUS

All devices belonging of the THESIS range are compatible with ISEO Lockbus.

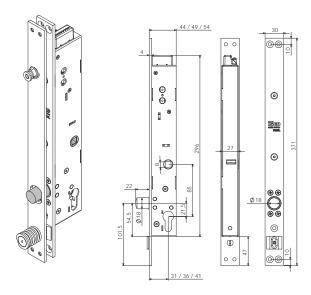
Lockbus is a powerful multipoint bus sharing data transmission and power supply on the same 3-wire connection for utmost flexibility, easy installation and consequently, cost optimisation.

Lockbus highlights:

Data transmission and power supply on the same 3-wire connection up to 100mt;

Self-adjusting power supply from 8Vdc to 30Vdc;

Secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation.



DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Hardened steel bolt, Ø18mm diameter, one throw, 22mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line frame sensor.

Handle follower 8mm.

European profile cylinder hole.

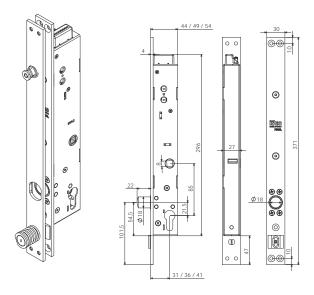
Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection, handle bracket.

Handle follower/cylinder centre distance 85mm

Thesis 2.0 Professional - Fail Secure - With 8mm Handle

CODE	DESCRIPTION
IS076-00823021 IS076-00823521 IS076-00824021	2:0 PRO-S-Door-Han-30mm-Fail Sec 2:0 PRO-S-Door-Han-35mm-Fail Sec 2:0 PRO-S-Door-Han-40mm-Fail Sec
IS076-0A823021 IS076-0A823521 IS076-0A824021	2:0 PRO-A intlock-Han-30mm-Fail Sec 2:0 PRO-A intlock-Han-35mm-Fail Sec 2:0 PRO-A intlock-Han-40mm-Fail Sec
IS076-0M823021 IS076-0M823521 IS076-0M824021	2:0 PRO-M Intlock-Han-30mm-Fail Sec 2:0 PRO-M Intlock-Han-35mm-Fail Sec 2:0 PRO-M Intlock-Han-40mm-Fail Sec



DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Reversible hardened steel latchbolt, Ø14mm diameter, self-locking, self-ejecting function, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line frame sensor.

Handle follower 8mm.

European profile cylinder hole.

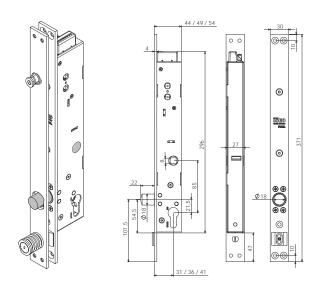
Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection, handle follower.

Handle follower/cylinder centre distance 85mm

Thesis 2.0 Professional - Fail Safe - With 8mm Handle

CODE	DESCRIPTION		
IS076-00823022	2:0 PRO-S-Door-Han-30mm-Fail Saf		
IS076-00823522	2:0 PRO-S-Door-Han-35mm-Fail Saf		
IS076-00824022	2:0 PRO-S-Door-Han-40mm-Fail Saf		
IS076-0A823022	2:0 PRO-A intlock-Han-30mm-Fail Saf		
IS076-0A823522	2:0 PRO-A intlock-Han-35mm-Fail Saf		
IS076-0A824022	2:0 PRO-A intlock-Han-40mm-Fail Saf		
IS076-0M823022	2:0 PRO-M Intlock-Han-30mm-Fail Saf		
IS076-0M823522	2:0 PRO-M Intlock-Han-35mm-Fail Saf		
IS076-0M824022	2:0 PRO-M Intlock-Han-40mm-Fail Saf		



DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø14mm diameter, one throw, 20mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line frame sensor.

No handle follower.

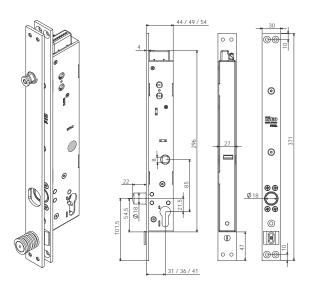
European profile cylinder hole.

Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection.

Thesis 2.0 Professional - Fail Secure - Without 8mm Handle

CODE		DESCRIPTION		
	IS076-00023021	2:0 PRO-S-Door-30mm-Fail Sec		
	IS076-00023521 IS076-00024021	2:0 PRO-S-Door-35mm-Fail Sec 2:0 PRO-S-Door-40mm-Fail Sec		
	IS076-0A023021	2:0 PRO-A intlock-30mm-Fail Sec		
	IS076-0A023521	2:0 PRO-A intlock-35mm-Fail Sec		
	IS076-0A024021	2:0 PRO-A intlock-40mm-Fail Sec		
	IS076-0M023021	2:0 PRO-M Intlock-30mm-Fail Sec		
	IS076-0M023521 IS076-0M024021	2:0 PRO-M Intlock-35mm-Fail Sec 2:0 PRO-M Intlock-40mm-Fail Sec		



DROPBOLT FAIL SAFE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø18mm diameter, one throw, 22mm excursion.

Stainless steel front plate with alignment device.

Stainless steel striking plate with alignment device and in line

frame sensor.

No handle follower.

European profile cylinder hole.

Fail Safe mode.

Package: 1 dropbolt, 1 striking plate, instruction

manual, screws,

connector with rubber protection.

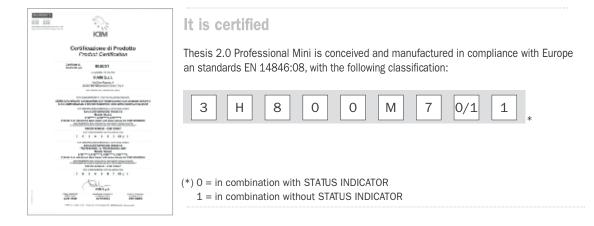
Thesis 2.0 Professional - Fail Safe - Without 8mm Handle

CODE	DESCRIPTION			
IS076-00023022	2:0 PRO-S-Door-30mm-Fail Saf			
IS076-00023522	2:0 PRO-S-Door-35mm-Fail Saf			
IS076-00024022	2:0 PRO-S-Door-40mm-Fail Saf			
IS076-0A023022	2:0 PRO-A intlock-30mm-Fail Saf			
IS076-0A023522	2:0 PRO-A intlock-35mm-Fail Saf			
IS076-0A024022	2:0 PRO-A intlock-40mm-Fail Saf			
IS076-0M023022	2:0 PRO-M Intlock-30mm-Fail Saf			
IS076-0M023522	2:0 PRO-M Intlock-35mm-Fail Saf			
IS076-0M024022	2:0 PRO-M Intlock-40mm-Fail Saf			

Thesis 2.0 Professional Mini has the same features as the Professional version but its case is smaller and it can't be operated through handle and cylinder. It is the ideal solution for installations where only the electric operation of the lock is required, eventually combined with other classic closing systems. A steel deadbolt with a 22 mm extension ensures a high anti-intrusion security, and the opening operation can be controlled by transponders, contactless cards and/or PIN codes. The range of Stylos credential readers and controllers dialogue with Thesis 2.0 Professional Mini in a direct way through Lockbus interface, i.e. without intermediate electronic devices, creating fl exible and effective electronic access control solutions.

Key Points

- The technology and materials chosen for THESIS 2.0 Professional Mini guarantee its durability, which is much longer than the standard requirements (even over 1 million operating cycles).
- A hardened steel deadbolt with a 18 mm diameter, a 22 mm extension and a 4 mm stainless steel
- front plate ensure a high anti-intrusion security (level 7 according to EN12209 standard).
- The operation is guaranteed even in case of a residual lateral load up to 15N and of a bad door alignment. This is why it is at the top of the market.
- Innovative electronics with power reserve (booster) guaranteeing an effi cient deadbolt movement in difficult operating conditions: even with 8V only!
- Power supply from 8 to 30 VDC 1A. Its operation is guaranteed also in complex installations and critical situations. Flexible installation conditions and low power consumption.
- Thesis 2.0 Professional Mini guarantees a trouble-free operation even if installed horizontally. It represents the ideal solution for automatic sliding doors.
- The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.
- Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.
- It can operate in interlock mode (manual or automatic) for double doors without any external control device.





Technical features

Deadbolt:

- hardened steel;
- diameter Ø18 mm;
- single throw
- extension 22 mm.

Front plate:

- inox steel;
- 30x280 mm thickness 4 mm;
- door positioning sensor and alignment device;

Striking plate:

- Inox steel;
- 30x280 mm thickness 4 mm;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

- thickness 27 mm
- length 203 mm
- depth 44 mm

DC supply voltage range: 8÷30 Vdc.

Max. absorbed current power in operation: 1A.

CC power supply min. characteristics: 8÷30 Vdc 15W.

Opening control:

- opto-isolated input 8÷24 Vdc / 12 Vac;

Max voltage and current applicable to signalling relay:

- 24 Vdc 1A:
- 120 Vac 0.5A;

Programmable status signal:

- secured door status;
- door status;
- latchbolt status;
- command for motorised door opener;

Lockbus connection:

- data communication and power supply on the same 3 wire connections;
- maximum length 100 mt;
- secure devices authentification;
- encrypted data transmission for high security against hacking;

Adjustable timings:

- door opening time (courtesy time): $1 \div 180$ sec. (15 sec. default);
- delayed closure time (at closing of the door): 1÷60 sec. (1 sec. default).

Environmental features:

- operating temperature: -20°C÷+60°C;

- storage temperature: -25°C÷+70°C;

- protection level (IP grading): IP44; Reference Standard: EN 14846:2008:

grading: 3 H 8 0 0 E 7 0 1

3 H 8 O O E 7 1 1 (in combination with status indicator)

Options and Versions:

Operating modes in case of power failure:

- Fail Secure mode (N.C. Normally Closed)
- Fail Safe mode (N.O. Normally Open)

Operating software:

single door;

bidirectional doors with manual interlock functionality (*);

bidirectional doors with automatic interlock functionality (*);

(*) direct connection between the 2 lock with encrypted communication.

Lockbus

LOCAL BUS

All devices belonging of the THESIS range are compatible with ISEO Lockbus.

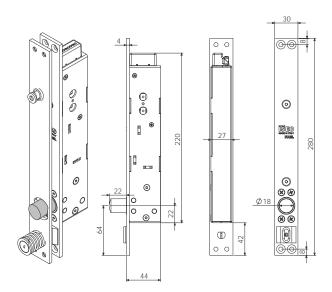
Lockbus is a powerful multipoint bus sharing data transmission and power supply on the same 3-wire connection for utmost flexibility, easy installation and consequently, cost optimisation.

Lockbus highlights:

Data transmission and power supply on the same 3-wire connection up to 100 m;

Self-adjusting power supply from 8Vdc to 30Vdc;

Secure device authentication (among readers and actuators) and encrypted data transmission for high security against manipulation.



DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø18mm diameter, one throw 22mm excursion.

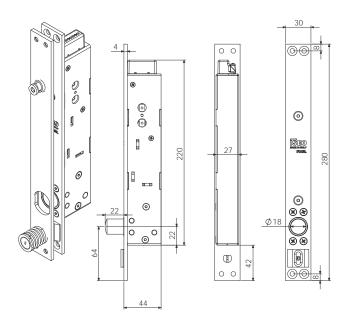
Stainless steel front plate with alignment device. Stainless steel striking plate with alignment device and in line frame sensor.

Fail Secure mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection.

Thesis 2.0 MINI Professional - Fail Secure - Without 8mm Handle

CODE	DESCRIPTION		
IS078-00020021	2:0MINI-S-Door-20mm-Fail Sec		
IS078-0A020021	2:0MINI-A intlock-20mm-Fail Sec		
IS078-0M020021	2:0MINI-M Intlock-20mm-Fail Sec.		



DROPBOLT FAIL SAFE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø18mm diameter, one throw 22mm excursion.

Stainless steel front plate with alignment device

Stainless steel striking plate with alignment device and in line frame sensor.

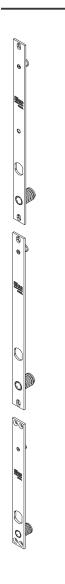
Fail Safe mode.

Package: 1 dropbolt, 1 striking plate, instruction manual, screws, connector with rubber protection.

Thesis 2.0 MINI Professional - Fail Safe - Without 8mm Handle

CODE	DESCRIPTION
IS078-00020022	2:0MINI-S-Door-20mm-Fail Saf
IS078-0A020022	2:0MINI-A intlock-20mm-Fail Saf
IS078-0M020022	2:0MINI-M Intlock-20mm-Fail Saf

Thesis 2.0 Accessories



CODE

STRIKING PLATE FOR THESIS 2.0 STANDARD AND STANDARD LATCHBOLT | IS98075000

Inox steel 25x367 mm, thickness 3 mm.

Adjustable magnet.

Adjustable positioning device.

Package: 1 striking plate.

STRIKING PLATE FOR THESIS 2.0 PROFESSIONAL

Inox steel 30x371 mm, thickness 4 mm.

Adjustable magnet.

Adjustable positioning device.

Package: 1 striking plate.

STRIKING PLATE FOR THESIS 2.0 PROFESSIONAL MINI

Inox steel 30x280 mm, thickness 4 mm.

Adjustable magnet.

Adjustable positioning device.

Package: 1 striking plate.

ELECTRICAL JUMPER.

For special multidevice configurations.

Package: 5 jumpers.

MORTICE STATUS INDICATOR FOR THESIS 2.0

With front-plate for mortice assembly.

Green/red light + buzzer + multifunction button.

12 Vdc power supply, 70 mA.

Anodized aluminium "silver" colour (250 x 50 mm), thickness 4 mm.

RIM STATUS INDICATOR FOR THESIS 2.0

Aluminium case for rim assembly.

Green/red light + buzzer + multifunction button.

12 Vdc power supply, 70 mA.

Anodized aluminium "silver" colour (35 x 25 x 215 mm).

IS98076000

IS98078000

IS5E00000205

ISFSAPL2T000000

ISFSAPL2TA00000

CODE



TOUCH CAPACITIVE BUTTON

IS50800IP54MTTS

Backlight (red/green for non-authorized/authorized access signalling). Sound feedback. One relay 2A output.

12/24 Vac/Vdc power supply. It can be used as opening button.

Programmable temporary impulse or bistable output.

METAL STAND ALONE KEYBOARD

IS58700MTPADS00

99 users codes. IP65 protection grade.

12/24 Vac/Vdc power supply. One 2A relay output and one 250 mA transistor.

Absorption: 20 mA at rest and 100 mA in operation. Internal and external assembly. Tamper protection. Metal buttons with backlight. Sound buzzer. 3-colour leds. Dimensions 92x51x25 mm.



DISPLAY.

Thesis 2.0 and Stylos PAD Reader

ISFXK750



DEMO KIT.

ISFXKVAL750

Thesis 2.0 and Stylos PAD Reader



POWER SUPPLY UNIT 12Vdc - 50W

IS-5E3503

Input 120-230Vac. Output 12Vdc 4A.

DIN35 rail mounting.

Package: 1 power supply unit, instruction manual.

POWER SUPPLY UNIT 24Vdc - 30W

Input 120-230Vac. Output 24Vdc 1.2A.

DIN35 rail mounting.

Package: 1 power supply unit, instruction manual.

POWER SUPPLY UNIT 24Vdc - 70W

Input 120-230Vac. Output 24Vdc 3A.

DIN35 rail mounting.

Package: 1 power supply unit, instruction manual.

IS-5E3502

IS-5E3501



POWER SUPPLY UNIT 12VDC - 42W

Input 120-230Vac. Output 12Vdc 3A.

DIN35 rail mounting. Compatible with THESIS.

Package: 1 power supply unit, instruction manual.

IS5870000004012



Serie 5 Electric Rim Lock



Serie 5

ELECTRIC RIM LOCK









ADJUSTABLE

REVERSIBLE

MULTIFUNCTIONAL

The contemporary new **DESIGN** is only one of the significant new features of the SERIE 5.

ADJUSTABLE BACKSET SIZE: settable to 50, 60, 70 or 80 mm.

REVERSIBLE: the lock can be inverted with a few simple settings.

MULTIFUNCTIONAL: a choice of three internal control configurations is available in a single lock: cylinder only, cylinder and button or button only.

UNIVERSAL: an additional code of the latch only lock (with one product code only) comes complete with special accessories for installation on either steel gates or wooden main entrance doors.

SERIE 5 increases performance while reducing the number of different product codes necessary: 148 conventional lock product codes have been replaced by just 12 codes, cutting warehousing costs drastically throughout the entire distribution network.



- · Less product codes to handle for the wholesaler, improving the quality of the service offered to clients.
- · Less shelf space usage for the retailer while still stocking solutions catering for the same number of applications as before.
- Locksmiths and installers no longer need to know the type of lock to be replaced on site.
- · Locksmiths can always find the lock that they need when they need it.

- DESIGN
- ADJUSTABLE
- REVERSIBLE
- MULTIFUNCTIONAL
- UNIVERSAL
- Easily interchangeable with all main products on market today. EASY REPLACEMENT.
- Power supply: 12 V AC 15 W 1.25 A;
- Available in **ISEO** marbled grey paint and chrome finish.
- 3 keys included.
- All settings made directly on lock, even just before definitive fastening.



52N SERIESElectric rim locks with **LATCH ONLY**



53N SERIES
Electric rim locks
with LATCH AND
DEADBOLT



51N SERIES
Electric rim locks with
LATCH ONLY
FOR OUTWARD
OPENING DOORS



Electric Rim Locks

Electric rim locks with LATCH ONLY

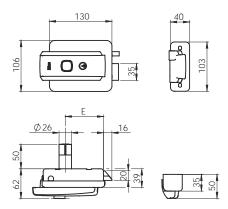
52N SERIES

ADJUSTABLE, REVERSIBLE AND MULTIFUNCTIONAL.

Just 4 new product codes replacing 76 conventional locks.

ALL-NEW: The single additional UNIVERSAL product code replaces 48 conventional locks. Comes complete with special accessories transforming a fixed cylinder into a detached cylinder and a unified keep for both steel and wood frames.

Manufactured by **ISEO** with 70 mm backset 70 and in right hand configuration.



CONVENTIONAL LOCKS					Serie 5
ТҮРЕ	EXTERNAL CYLINDER	CASE SIZES	RIGHT/ LEFT HAND	INTERNAL CONTROL	PRODUCT CODES
		50-60-70-80	RH	Cylinder	
		50-60-70-80	LH	Cylinder	
		50-60-70-80	RH	Button only	IS-52N015
	Contract of the Contract of th	50-60-70-80	LH	Button only	15-52N015
	4	50-60-70-80	RH	Cyl.+Button	
-		50-60-70-80	LH	Cyl.+Button	
	15-0	50-60-70-80	RH	Cylinder	
		50-60-70-80	LH	Cylinder	
		50-60-70-80	RH	Button only	IS-52N115
		50-60-70-80	LH	Button only	13-5211115
		50-60-70-80	RH	Cyl.+Button	
		50-60-70-80	LH	Cyl.+Button	
		50-60-70-80	RH	Cylinder	
-		50-60-70-80	LH	Cylinder	IS-52N515
0	TA .	50-60-70-80	RH	Cyl.+Button	13-5211515
	A District	50-60-70-80	LH	Cyl.+Button	
() (D)		60-70-80	RH	Cylinder	
		60-70-80	LH	Cylinder	IS-52N012
	Contract of the Contract of th	60-70-80	RH	Cyl.+Button	13-5211012
	4	60-70-80	LH	Cyl.+Button	





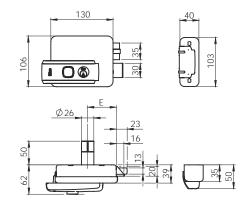
LATCH AND DEADBOLT

53N SERIES

ADJUSTABLE AND MULTIFUNCTIONAL, BUT NOT REVERSIBLE.

Just 6 new product codes replacing 48 conventional locks.

Manufactured by **ISEO** with 60 mm backset and in right hand configuration



CONVENTIONAL LOCKS				Serie 5		
TYPE	EXTERNAL CYLINDER	CASE SIZES	RIGHT/ LEFT HAND	INTERNAL CONTROL	PRODUCT CODES	
	1	50-60-70-80	RH	Cylinder	IS-53N0151	
		50-60-70-80	KH	Cyl.+Button	12-23N0T2T	
	50-60-70-80		Cylinder	10 5000450		
	4	50-60-70-80	LH	Cyl.+Button	IS-53N0152	
1		1	50-60-70-80	- DII	Cylinder	10 -011-4-4
			50-60-70-80	RH	Cyl.+Button	IS-53N5151
		50-60-70-80		Cylinder	10 =011=4=0	
		50-60-70-80	LH	Cyl.+Button	IS-53N5152	
			50-60-70-80	DII	Cylinder	10 5004454
		50-60-70-80	RH	Cyl.+Button	IS-53N1151	
		50-60-70-80		Cylinder		
VO.		50-60-70-80	LH	Cyl.+Button	IS-53N1152	

Electric
rim locks with
LATCH ONLY
FOR OUTWARD
OPENING DOORS

51N SERIES

ADJUSTABLE, REVERSIBLE, AND MULTIFUNCTIONAL.

Just 2 new product codes replacing. 24 conventional locks.

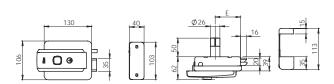
Manufactured by **ISEO**. with 70 mm backset and in

right hand configuration.

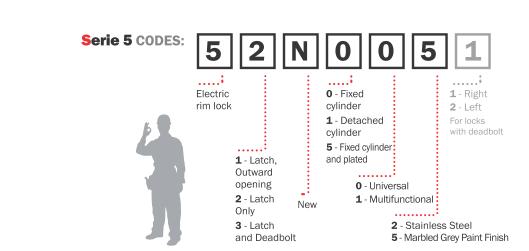


CONDITIONS FOR INSTALLATION ON OUTWARD OPENING DOORS

- DIMENSION C: max. centre distance between hinge and inner door edge 80 mm
- DIMENSION P: min. door width 900 mm
- DIMENSION E: max. distance between lock and keep 9 mm



CONVENTIONAL LOCKS				Serie 5	
ТҮРЕ	EXTERNAL CYLINDER	CASE SIZES	RIGHT/ LEFT HAND	INTERNAL CONTROL	PRODUCT CODES
		50-60-70-80	RH	Cylinder	
		50-60-70-80	LH	Cylinder	IS-51N015
		50-60-70-80	RH	Cyl.+Button	
	4.0	50-60-70-80	LH	Cyl.+Button	
	À	50-60-70-80	RH	Cyl.+Button	IS-51N115
	W.	50-60-70-80	LH	Cyl.+Button	19-2TNTT2



Argo for developers





Argo for Developers

Customers are looking for Unified Security Solutions that include access control demanding that several security systems from different suppliers interoperate with building managements systems and IT systems forming an integrated security system. ISEO Technology Partnership Program offers to developers the possibility to integrate ISEO access control platforms into their existing software solutions creating new business value beyond the boundaries of access control. ARGO access control platform features a Software Development Kit (SDK) in order to make access control integration seamless and simple for system integrators or VAR (Value Added Reseller). ARGO SDK is based on the latest software technologies in compliance with industry standards, providing open interfaces, simple tools, and network-friendly IP-based solutions.

ISEO provides to developers **Argo SDK** under Non Disclosure Agreement.



Argo SDK targets developers willing to integrate SMART series devices compatible with ARGO in their systems like home automations or similar type of applications in residential or light commercial.

Argo SDK allows the integration by connecting directly to the device installed on the door.

Argo SDK is available for:

- iOS as native library
- Android as native library
- Linux Argo web service (JSON RPC 2.0)
- · Argo SDK for iOS and Android allows to develop smartphone applications to open the SMART series devices by ISEO compatible with ARGO and to manage the access user list.
- Argo SDK for Linux allows an embedded controller to communicate with SMART series devices over the Bluetooth Smart using Argo security layers (AES 128, Diffie Hellman Elliptic Curves and NIST Random generator).
- · Argo SDK library interface is able to perform all the Argo app functionalities.

Linux Gateway controller





Gateway for integrators

The Gateway for Integrators provides a Linux embedded system that allows the Integrator to develop own custom application in order to manage ISEO Smart Devices together with Argo SDK.

The Gateway for Integrator is available in two models:

- · WIFI
- PoE Power over Ethernet

Main functions

- Coverts data (WIFI or ethernet) to Bluetooth Smart 5.0
- Housing Desktop with wall fixing option
- Embedded Linux device
- Power supply: USB C + 5VDC input power
- Maximum Power Consumption 10W

Technical Features

CHARATERISTICS	WIFI	PoE Power over Ethernet		
Functionality	Converts from WIFI data to BLE 5.0 Dual Band WIFI at 2.4 GHz and 5 GHz	Converts from Ethernet data to BLE 5.0		
Power Supply	Powered by USB C +5VDC input power 2A (10W) Power supply not included (accessory to order)	PoE (Power over Ethernet) Requires PoE Switch IEEE 802.3af up to 15,4W Delivery of data and power over CAT5e/CAT6 ethernet cable. Maximum power consumption 10W Optionally powered by USB C +5VDC input power 2A (10W) Power supply not included (accessory to order)		
Size	LxDxH 125x40x85 mm	LxDxH 125x40x85 mm		
Operating conditions	Operating Temperature: 0 C/+50 C Storage Temperature: -25 C/+75 C	Operating Temperature: 0 C/+50 C Storage Temperature: -25 C/+75 C		
Installation	Desktop Wall Fixing option (accessory to order)	Desktop Wall Fixing option (accessory to order)		
Connection ports	USB C female	USB C female Ethernet TCP/IP 10/100 baseT		
Visual indicator	Signalling LEDs - Power (white): ON = Power Supply connected; - BLE (white): ON = BLE transmission in progress; - Network (white): ON = Gateway connected to Cloud; - Config (white): ON = Managed by software loaded; - Boot (red): ON = Gateway starting up.	Signalling LEDs - Power (white): ON = Power Supply connected; - BLE (white): ON = BLE transmission in progress; - Network (white): ON = Gateway connected to Cloud; - Config (white): ON = Managed by software loaded; - Boot (red): ON = Gateway starting up.		
CPU, Memory, Operating System	ARM A7 based CPU module 512 MB RAM 8 GB Flash eMMC Non volatile Memory Operating System: embedded Linux	ARM A7 based CPU module 512 MB RAM 8 GB Flash eMMC Non volatile Memory Operating System: embedded Linux		
Push buttons	Reset - Managed by software loaded	Reset - Managed by software loaded		



Gateway for integrators

Code



Gateway for integrators WIFI

Dual Channel WIFI 2.4 Ghz and 5 GHz POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER) Wall mount option (accessory to order)

Gateway for integrators WIFI

IS5E070524



Gateway for integrators PoE

Power over Ethernet
POWER SUPPLY NOT INCLUDED (ACCESSORY TO ORDER)
Wall mount option (accessory to order)



Gateway for integrators PoE

IS5E070514



POWER SUPPLY

IN = 100-240V50-60Hz 0.50A OUT = 5.0Vdc 2A (10W) USB A to USB C 1.5 mt cable

POWER SUPPLY IS0000A00155





WALL FIXING BRACKETS KIT

nr. 1 Wall bracket

nr. 1 Gateway bracket

nr. 2 Screws

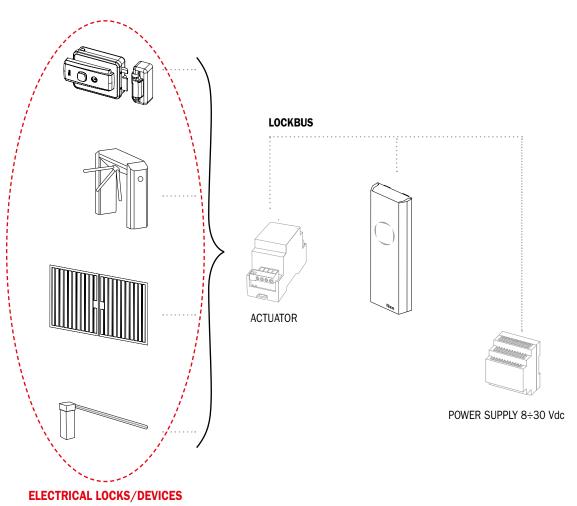
nr. 4 Wall plugs and screws

WALL FIXING BRACKETS KIT

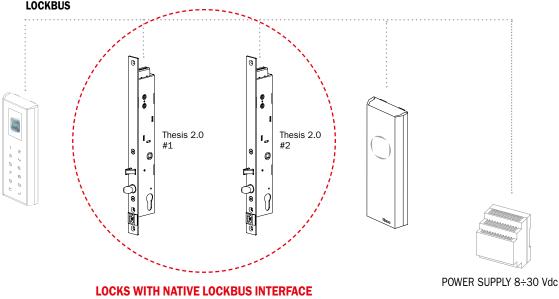
IS0000A00154













LOCKS WITH NATIVE LOCKBUS INTERFACE

Thesis 2.0

Thesis 2.0 range transforms a simple door in a smart access and makes it even safer and more functional thanks to its performances. Unlike the traditional electric locks, its security status is automatically restored with a locking time which can be set according to any needs.

A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security, and the opening operation can be controlled by transponders, contactless cards and/or PIN codes.

The range of Stylos credential readers and controllers dialogs with Thesis 2.0 Standard in a direct way through Lockbus interface, i.e. without intermediate electronic devices.



Thesis 2.0 Standard

A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.

Thesis 2.0 Standard Latchbolt

It has the same features of the Standard version. Thanks to its self-locking and self-ejecting latchbolt, it works also as a traditional mechanical security lock.

It guarantees door locking, even if in case of lack of power supply, always in maximum security and comfort.

A steel autolocking self-ejecting latchbolt with a 20 mm extension ensures a high anti-intrusion security (level 3 according to EN12209 standard).

The latchbolt ensures a typical mechanic lockcase functioning also in absence of the power supply. The door closing is always effective thanks to the latchbolt function.

Available only in Fail Secure mode (N.C. Normally Closed) version.



Thesis 2.0 Professional

It is the Heavy Duty version of the Thesis 2.0 Standard. It combines the functions of the standard version to the soundness and anti-manipulation resistance, which make it the ideal solution for professional installations where maximum passive security and high use frequency are required, such as shops, banks and public offices entrances.

The technology and materials chosen for THESIS 2.0 Professional guarantee its durability, which is much longer than the standard requirements (even over 1 million operating cycles).

A hardened steel deadbolt with a 18 mm diameter, and 22 mm extension and a 4 mm stainless steel front plate ensure a high antiintrusion security (level 7 according to EN12209 standard).

The operation is guaranteed even in case of a residual lateral load up to 15N and of a bad door alignment. This is why it is at the top of the market.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.



Thesis 2.0 Professional Mini

It has the same features as the Professional version but its case is smaller and it can't be operated through handle and cylinder. It is the ideal solution for installations where only the electric operation of the lock is required, eventually combined with other classic closing systems.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions.



LOCKS WITH NATIVE LOCKBUS INTERFACE

Top Exit DGT

Top Exit DGT is a smart closing device conceived and manufactured specifically for applications on metal frames in steel and aluminum.

The motorized movement of the deadbolts (and latchbolt) during both opening and closing operations is controlled by specific sensors and a powerful microprocessor, which guarantee constant security.

The lock software allows to manage the "hold open" function: the deadbolts are constantly unlocked allowing free entrance to anybody.

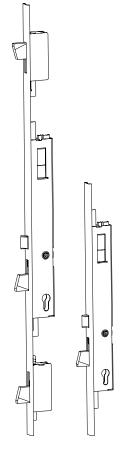
Top Exit DGT is available in three different versions that suit any application exigency:

- TYPE A with motorized deadbolts and adjustable roller latchbolt
- TYPE B with motorized deadbolts and mechanical latchbolt (manual operation)
- TYPE C with motorized deadbolts and latchbolt

All the versions can operate mechanically too, because the european cylinder and/or panic exit device operations don't depend on power supply and impediments deriving from the contemporary operation of the motor.

The control unit allows the opening from exterior through accessories such as proximity readers, radio remote controls and electronic keys and through the connection to centralized access control systems.

Complete range in the catalogue ISEO in the chapter LOCKS FOR METAL FRAMES





ELECTRICAL LOCKS/DEVICES

Multiblindo Motion

Perfect combination of comfort and security in any situation. The new electromechanical automatic lock represents the electronic evolution of Multiblindo Easy. Ideal for the installation on steel or aluminium metal frames.

- It operates electronically in a simple and fast way through a normal keyboard, allowing the end user to set three different locking functions: Total, Light, Free.
- It can be operated also by the key or the most advanced electronic access control systems: fingerscan, keyboard, transponder, PINcode.
- With sound feedback. A special system monitors the door status and sends opening and closing sound signals, which can be set or completely excluded by the end user.
- Customized courtesy time. The user can set the time span between the opening pulse and the automatic relocking of the door (5, 10, 30 or 60 sec.), according to the user's needs.

Multiblindo eMotion has three options allowing an instant opening as well as to choose the automatic relocking mode according to the user's security requirements. It is operated through an electronic control for all the settings.

Total. When pressing the pushbutton the door opens and a sound signal is produced. When it closes, Multiblindo eMotion will automatically trigger the latchbolt and deadbolts: the sound feedback will indicate the total locking. Total security: this setting ensures your door the highest security.

Light. When pressing the pushbutton the door opens and a sound signal is produced. When it closes, Multiblindo eMotion will automatically trigger the latchbolt only: a different and more flexible security level for a partial and fast locking.

Free. With this setting, Multiblindo eMotion keeps the latchbolt and deadbolts completely unlocked: the door will stay in a free-opening status, in the classic hold-open situation. Total freedom ensuring a free access both from inside and outside until a new setting is given.



ELECTRICAL LOCKS/DEVICES

Trim-Tronic



The Trim-Tronic unit interfaces with multipoint locking panic bars, providing a long awaited solution to the problem where a door is opened by a panic bar from the inside but cannot be accessed from the outside. The Trim-Tronic allows you to use access control on panic exit, overriding the bar from the outside whilst still allowing safe emergency exit from the building.

Complete range in the catalogue ISEO in the chapter PANIC EXIT DEVICES

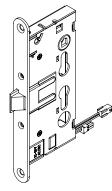


Electronic lock for fire resistant doors

The lock certified for fire resistant door have 1 lateral point, latchbolt only. The mechanical cylinder enables and disables the panic exit follower.

The lock contains an internal electronic circuit board controlling an actuator solenoid to allow the fire-resistant door to be used in an access control system (12-24 V AC/DC).

- Fail Secure version: when the lock is powered by pressing a button, the timer function delivers power continuously to the lock and keeps the handle engaged with the lock for approximately 30 seconds, after which the lock resets. If the lock is powered via electric contacts, the lock resets as soon as the door is opened.
- Hold-open function.



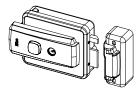
Panic exit electronic mortise lock for fire resistant doors

The lock certified for fire resistant door have 1 lateral point, latchbolt only. The latchbolt is always operated in the internal side from panic exit device.

The lock contains an internal electronic circuit board controlling an actuator solenoid to allow the fire-resistant door to be used in an access control system (12-24 V AC/DC).

- Fail Secure version: When the lock is powered by pressing a button, the timer function delivers power continuously to the lock and keeps the external handle engaged with the lock for approximately 30 seconds, after which the lock resets. If the lock is powered via electric contacts, the lock resets as soon as the door is opened.
- Fail Safe version: When power is interrupted by pressing a button, the external handle is engaged with the lock for approximately 30 seconds, after which the lock resets, and the timer function delivers power continuously to the lock for the preset period without overheating the coil. If the lock is powered via electric contacts, the lock resets as soon as the door is opened.
- Hold-open function.





ELECTRICAL LOCKS/DEVICES

Serie 5 Electric rim locks for gates

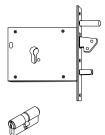
The 5 Series electric rim lock is designed for universal use on all doors where remote controlled lock release with an electric pulse is required.

Serie 5 electric lock is the ideal solution for pedestrian gates and for the main entrance doors of buildings.

- Adjustable backset: settable to 50, 60, 70 or 80 mm
- Reversible for right or left handed installation (except for version with deadbolt)
- Multifunction: a choice of interior side aperture control configurations available with a single lock: key only, key and button or button only.

Complete range in the catalogue ISEO in the chapters LOCKS FOR METAL FRAMES and LOCKS FOR WOODEN FRAMES

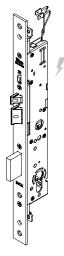
381 EGI



The 381 EGI is an electric operated (12 Vac) mortice lock with steel hook and european profile cylinder.

Complete range in the catalogue ISEO in the chapter LOCKS FOR METAL FRAMES



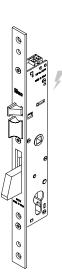


ELECTRICAL LOCKS/DEVICES

Perfora Elettrica

PERFORMA by Iseo has been conceived and developed to meet the requirements of the European market. It can be operated by a European profile cylinder with straight or 45° projecting DIN cam. The top and bottom lock housings incorporate low friction chamfered sliding deadbolts providing a perfect alignement into the keeps. The unique locking action of these chamfered bolts when combined with the latest generation of profiles helps maintain weather seal compression for better thermal insulation and energy saving.

Complete range in the catalogue ISEO in the chapter LOCKS FOR METAL FRAMES



Electa Elettrica

Electric lock for metal frames, central lateral locking or 3 points lateral locking. Electa has a rotating deadbolt and a self-locking latchbolt.

Unlocking by electric pulse (12Vac/Vdc), key (european profile cylinder) or handle follower.

Complete range in the catalogue ISEO in the chapter LOCKS FOR METAL FRAMES

Match Radiale



The Match Radial range of electric strikers is wide and cover the various customer needs. It includes devices with various functions:

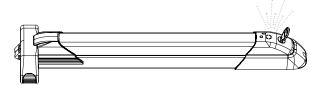
- with or without striking plate;
- adjustable or fixed;
- fail secure or fail safe version;
- permanent or limited unlatching;
- with or without hold-open lever.

Complete range in the catalogue ISEO in the chapter LOCKS FOR METAL FRAMES



Other electrical devices

Push SIRENA



Panic exit device with acoustic alarm.

When the alarm is on, the device emits a strong acoustic signal (90dB) every time the bar is pressed, thus providing the emergency exit with further security against thefts and/or unauthorized opening. It is compatible with ISEO Push range and can be easily mounted in retrofit on panic exit devices already installed.

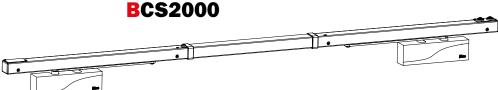
The battery operation without external power allows for a quick, easy and cost-effective installation.

A selector connected to a key-operated European single profile cylinder (included) is used to program the functions and set the device status (alarm off, alarm on, courtesy).

Device functions and features:

- "Break" function to exit without alarm.
- Alarm reset only by key.
- Acoustic signals. 2 Led signals showing devices status and battery charge.
- Powered by 2 AA alkaline batteries (over 2 years' life without alarm)
- 3-level discharged battery signal allowing for scheduled replacement
- Selector compatible with European single profile cylinders (size 30+10) with 8-position DIN cam.

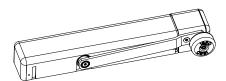
Complete range in the catalogue ISEO in the chapter PANIC EXIT DEVICES



During a fire into a public building, firestopping, thanks to fire door, is essential for fire fighting and protection of people and property. BCS2000 allows to keep the fire doors open in normal situation to make the traffic into the building easier, ensuring the complete closing of the door in case of fire-detection. It includes door closer, electrically powered hold-open and door coordinator functions.

Complete range in the catalogue ISEO in the chapter DOOR CLOSERS

FL96 Evo



This device contributes to the firestopping into the public building too, ensuring door closing. It's destined to equip single leaf. The main aim of FL96 Evo is to keep the doors completely free in normal situation, in order to give flexibility to user to manage door positions. It includes door closer and electrically powered hold-open functions.



Accessories

Code



POWER SUPPLY UNIT 24Vdc - 30W

Input 120-230Vac. Output 24Vdc 1.2A.

DIN35 rail mounting.

"POWER SUPPLY UNIT 12Vdc - 50W Input 120-230Vac.

IS5E3509

Output 12Vdc 4A. DIN35 rail mounting. Package: 1 power supply unit, instruction manual."

POWER SUPPLY UNIT 24Vdc - 70W Input 120-230Vac. Output 24Vdc 3A. DIN35 rail mounting.

POWER SUPPLY UNIT 24Vdc - 30W Input 120-230Vac.

IS5E3501

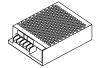
Output 24Vdc 1.2A. DIN35 rail mounting. Package: 1 power supply unit, instruction manual.

POWER SUPPLY UNIT 12Vdc - 70W Input 120-230Vac. Output 12Vdc 3A. DIN35 rail mounting.

"POWER SUPPLY UNIT 24Vdc - 70W Input 120-230Vac.

IS5E3502

Output 24Vdc 3A. DIN35 rail mounting. Package: 1 power supply unit, instruction manual."



POWER SUPPLY UNIT 12VDC - 42W Input 120-230Vac. Output 12Vdc 3A. DIN35 rail mounting.
Compatible with THESIS.

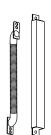
"POWER SUPPLY UNIT 12VDC - 42W Input 120-230Vac. Output 12Vdc 3A.
DIN35 rail mounting. Compatible with THESIS. Package: 1 power supply unit, instruction manual."

IS5870000004012



CONCEALER LEAD COVER external, flexible, stainless steel INOX L=300 CONCEALER LEAD COVER external, flexible, stainless steel INOX L=450

IS94403010E IS94403110E



CONCELEAD LEAD COVER, flexible, flush version L=260

For openings up to 90°.

Compatibile con Thesis, Top Exit DGT, x1R.

CONCEALER LEAD COVER flexible, in stainless steel flush version L=300 mm. 90° .

IS0000881000000



SPRING CONCELEAD LEAD COVER, flexible L=68.

For openings up to 180°.

SPRING CONCEALER LEAD COVER flexible. 180°.

IS0000060130000



