

Connected **Systems**

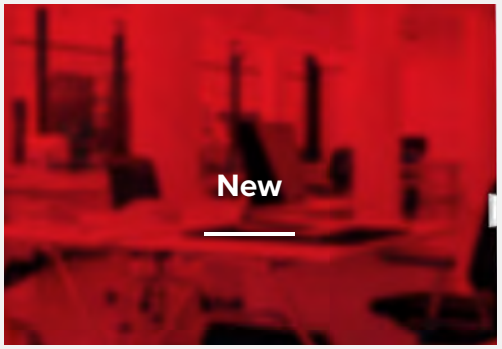
ENTER

e-CATALOG
2026_1.0

E N G L I S H

ISEO®
ULTIMATE ACCESS TECHNOLOGIES

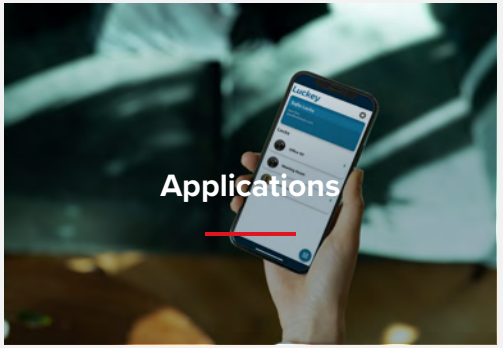
Connected Systems





Search by device







Search by code

in Adobe Acrobat Reader





Phased out products

Code configurator

New

Libra X

The evolution of the ISEO electronic cylinder

Libra X features a renewed, modern, and essential design, while its native modularity ensures maximum installation flexibility and rapid intervention, allowing it to integrate seamlessly into any architectural context.



Go to page



Aries 2.1

More flexibility, greater simplicity

Aries brings smart access management to almost any door, thanks to a retrofit-friendly design, battery-powered operation, and compatibility with the main mechanical locks.



Go to page



ISEO Solutions

BANKS

Advanced access control systems at the heart of trust and financial integrity

COLIVING

Access control systems for innovative living spaces

COWORKING

Specific solutions that open up a new model for flexible and collaborative working

ELECTRICITY

Secure and manage access, anywhere and in any condition

SOLAR AND WIND

Advanced access control for reliable clean energy operations

HEALTHCARE

Security, safety and privacy in healthcare buildings

EDUCATION

Transforming education buildings with advanced security systems

OIL AND GAS

Empower safety, compliance, and efficiency across oil and gas operations

WATER

Secure access control for water distribution hubs

STUDENT HOUSING

Elevating student housing with advanced access control systems

TELECOMMUNICATIONS

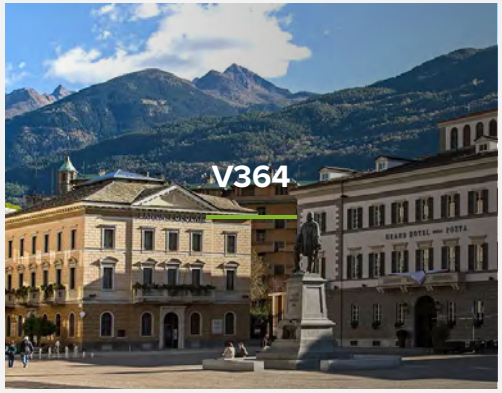
Manage flows and access and guarantee smooth telecommunications

TRANSPORTATION

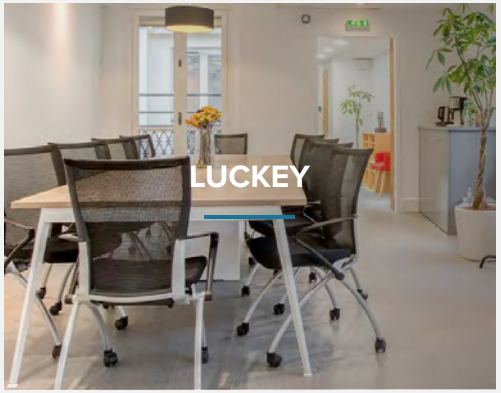
Cutting-edge access control systems enhancing transportation security and operations

Success stories

Discover some of the most beautiful stories created with ISEO applications





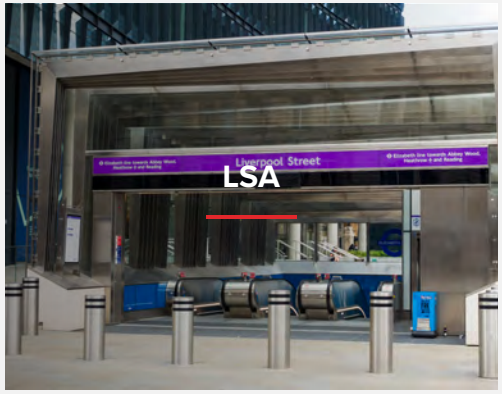


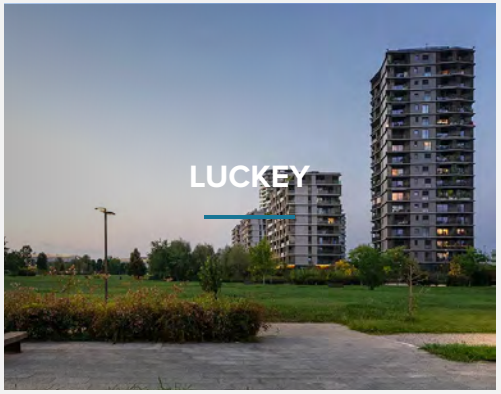












Applications

V364

Simple and flexible management of spaces.

ISEO V364 is a user-friendly web-based access control system for commercial applications that allows the management of doors both online and offline for structures of various sizes.

Go to page



LSA

The application suitable for creating customized solutions for various fields.

Locken Smart Access (LSA) is a web-based, customizable, and multi-user software used by administrators and access managers in Utilities and Telco to configure and operate the ISEO access control system.

Go to page



Luckey

Much more than access control in buildings.

Luckey is Sofia part of ISEO PropTech access control system. A cutting-edge technological solution that revolutionizes the management of spaces and resources in buildings.

Go to page

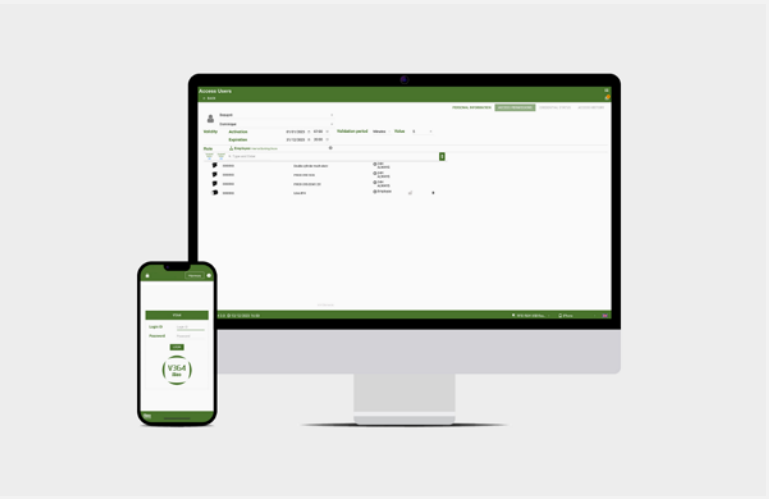


Applications

V364 / On-demand access OnTime Online

ISEO V364 is a user-friendly web-based access control system for commercial applications that allows the management of doors both online and offline for structures of various sizes. V364 gives you the freedom to access, manage, and control entry points of your facility from anywhere via a browser and on the go.





Web based

The core of the system ISEO V364 is the Atlas Master embedding a web server which provides a fully functional access control server solution in a fraction of the time of conventional software. With no software to install, setup is quick and simple. Just connect the system components and then open a web browser to launch the intuitive interface which guides you through the process of configuring and managing your system.

User friendly

ISEO V364 Access Management System provides ease of use and time saving for the administrators wherever high security standards apply and prompt access rights need to be issued for employees and mobile workforce and gives you the freedom to access, manage and control your facility's points of entry from anywhere with a browser and in mobility.

Go to page

V364 APPLICATIONS

→ On Air (SaaS) p. 8

→ Customer Hosted p. 9

Applications

V364 On Air (SaaS)

The Virtual Atlas Master is hosted in the ISEO data center, easily accessible via the Internet at any time and from anywhere. With this solution, customers do not need to have a physical Atlas Master device.
SaaS (Software as a Service) with a recurring montly fee including the license, IT support and hosting (according to the ISO 27001 information security standard)

Licenses

UNITS	System with RFID devices	System with RFID devices and F9000 keys
Until 100	0041800	0041810
Until 300	0041801	0041811
Until 500	0041802	0041812
Until 1000	0041803	0041813
Until 2000	0041804	0041814
Until 5000	0041805	0041815
Until 15000	0041806	0041816
Until 20000	0041807	0041817
Until 25000	0041808	0041818
Until 30000	0041809	0041819

Technical features

MAIN FUNCTIONS
- RFID/Bluetooth® device management
- Management of F9000 keys, cylinders and padlocks
- Mobile Key*
- Mobile validation of F9000 ON keys
- Customer UID management in MIFARE Classic*
- Role-based access control
- System partitions*

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones
- Mechatronic key

COMPATIBILITY
ISEO 1RIS Platform

LICENSE
The monthly fee is invoiced in January (or month of installation) for the entire remaining year.

SOFTWARE INSTALLATION
The software is pre-installed in the Virtual Atlas Master hosted in ISEO Datacenter.

SOFTWARE SUPPORT AND MAINTENANCE
The monthly fee includes maintenance and remote software support.

SYSTEM INTEGRATIONS
APIs available

APP DOWNLOAD

ISEO V364

ISEO Mobile Key

*Configured upon request

ONLINE CONTENT

- Web page
- Administrator manual
- System brochure
- V364 Security by design

SERVICES

- Commissioning
- Training
- Customizations
- Technical support
- Project Management

Applications

V364 Customer Hosted

V364
CUSTOMER HOSTED

Virtual Atlas Master can be installed in customer's own data centers on Linux virtual machines. Customer is responsible of setting up, installing and maintaining the environment for V364, taking regular backups of databases and other maintenance tasks such as updates to new software version.

Licenses

UNITS	System with RFID devices and F9000 keys	Remote assistance service
Until 500	0041822	0041832
Until 1000	0041823	0041833
Until 2000	0041824	0041834
Until 5000	0041825	0041835
Until 15000	0041826	0041836
Until 20000	0041827	0041837
Until 25000	0041828	0041838
Until 30000	0041829	0041839

Technical features

MAIN FUNCTIONS
- RFID/Bluetooth® device management
- Management of F9000 keys, cylinders and padlocks
- Mobile Key*
- Mobile validation of F9000 ON keys
- Customer UID management in MIFARE Classic*
- Role-based access control
- System partitions*

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones
- Mechatronic key

COMPATIBILITY
ISEO 1RIS Platform

LICENSE
Virtual Atlas Master Customer Hosted with one-off V364 license lump sum

SOFTWARE INSTALLATION
The license does not include any installation services. All services, from configuration to commissioning of the V364 system, are quoted separately.

SOFTWARE SUPPORT AND MAINTENANCE
V364 Customer Hosted can only be provided together with a mandatory Maintenance Contract, allowing remote support connection. The Maintenance Contract is based on a monthly fee billed in January (or the installation month) for the entire remaining year. The monthly fee includes software maintenance and remote assistance.

APP DOWNLOAD

ISEO V364
GET IT ON Google Play
Download on the App Store

ISEO Mobile Key
GET IT ON Google Play
Download on the App Store

*Configured upon request

ONLINE CONTENT
- Web page
- Administrator manual
- System brochure
- V364 Security by design

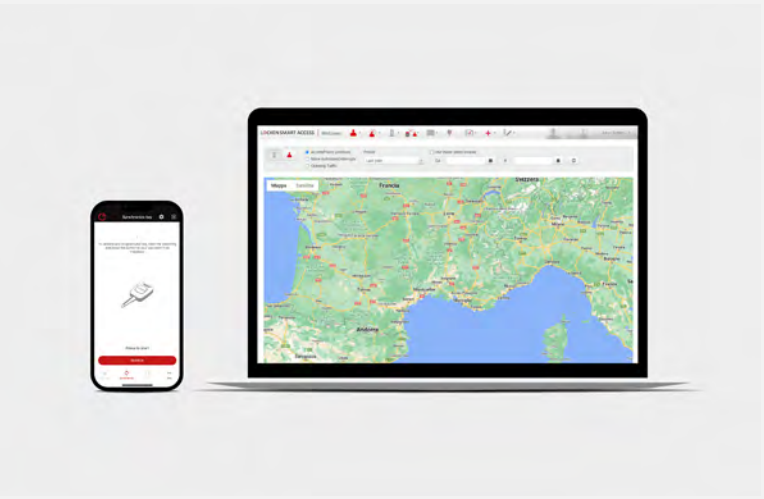
SERVICES
- Commissioning
- Training
- Customizations
- Technical support
- Project Management

Applications

LSA / Web-based multi-user customizable software

Locken Smart Access (LSA) is a web-based multi-user customizable software that is used by administrators and access managers to configure and operate ISEO's access control system. This new-generation software is aimed at simplifying access management for all types of solutions, whether small, medium, large or complex systems.





Web based

LSA software is a web-based solution, accessible through an internet browser. This mode offers significant advantages. Flexible access allows users to connect from any online device, eliminating complex local installations. Streamlined updates ensure access to the latest versions effortlessly. Collaboration is simplified, enabling multiple users to work simultaneously, improving communication and data sharing. Data centralization ensures secure management, protecting against unauthorized access. Overall, the web-based software optimizes business processes with flexibility, straightforward updates, efficient collaboration, and enhanced data security.

Customizable

Flexibility melds simplicity and responsiveness without compromising on security and reliability. ISEO's experts provide tailored assistance, guaranteeing that both LSA and the MyLocken application can be adjusted to align seamlessly with each company's unique branding, needs, and preferences.
Furthermore, the MyLocken application goes beyond basic features, introducing a range of additional services. These services prioritize safety and security of the end users.

Go to page

LSA APPLICATIONS

→ LSA SaaS p. 11

→ LSA On Premise p. 12

Applications

LSA SaaS

LSA Pro version designed for multi-site installations with complex access management rules and multi-site. SaaS (Software as a Service) with a recurring annual subscription including the license, IT support and hosting (according to the ISO 27001 information security standard)

Licenses

UNITS	LSA SaaS Monthly fee
Until 200	0041730
Until 500	0041731
Until 1000	0041732
Until 2000	0041733
Until 5000	0041734
Until 10000	0041735
Until 15000	0041736

Technical features

MAIN FUNCTIONS
- RFID/Bluetooth® device management
- Management of F9000 keys, cylinders and padlocks
- Mobile Key
- Mobile validation of F9000 ON keys
- Customer UID management in MIFARE Classic
- Role-based access control
- System partitions
- Matrix access configuration module*
- Viewing access points on the map*
- Viewing access points on the blueprint*
- Dashboard*
- Crisis mode*

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones
- Mechatronic key

COMPATIBILITY
ISEO 1RIS Platform

LICENSE
The yearly fee starts the month of the comissioning of the system.

SOFTWARE INSTALLATION
The software is pre-installed in the Virtual Atlas Master hosted in ISEO Datacenter.

SOFTWARE SUPPORT AND MAINTENANCE
The annual fee includes maintenance and remote software support.

APP DOWNLOAD

MyLocken

MyValidator

*Configured upon request

SERVICES

Commissioning | Training | Customizations | Technical support | Project Management

Applications

LSA On Premise

LSA
ON PREMISE

On-premise LSA license installed with optional IT maintenance, support, and hosting.

Licenses

UNITS	LSA EVO On Premise	LSA SaaS Monthly fee
Until 200	0041770	
Until 500	0041771	0041741
Until 1000	0041772	0041742
Until 2000	0041773	0041743
Until 5000	0041774	0041744
Until 10000	0041775	0041745
Until 15000	0041776	0041746
Beyond 15000	0041778	0041749

Technical features

MAIN FUNCTIONS
- RFID/Bluetooth® device management
- Management of F9000 keys, cylinders and padlocks
- Mobile Key
- Mobile validation of F9000 ON keys
- Customer UID management in MIFARE Classic
- Role-based access control
- System partitions
- Matrix access configuration module*
- Viewing access points on the map*
- Viewing access points on the blueprint*
- Dashboard*
- Crisis mode*

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones
- Mechatronic key

COMPATIBILITY
ISEO 1RIS Platform

LICENSE
Virtual Atlas Master Customer Hosted with one-off LSA license lump sum.

SOFTWARE INSTALLATION
The license does not include any installation services.
All services, from configuration to commissioning of the LSA system, are quoted separately.

SOFTWARE SUPPORT AND MAINTENANCE
LSA On Premise can only be provided together with a mandatory Maintenance Contract, allowing remote support connection. The Maintenance Contract is based on a yearly fee billed in January (or the installation month) for the entire remaining year. The yearly fee includes software maintenance and remote assistance.

APP DOWNLOAD

MyLocken
GET IT ON Google Play
Download on the App Store

MyValidator
GET IT ON Google Play
Download on the App Store

*Configured upon request

SERVICES

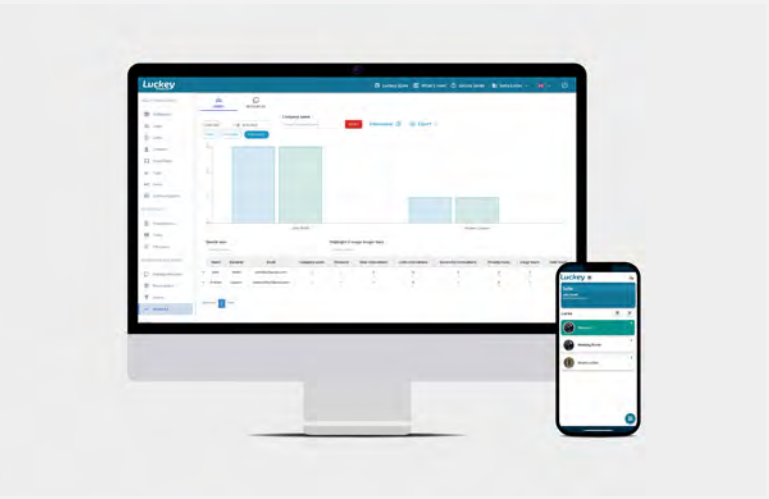
Commissioning
Training
Customizations
Technical support
Project Management

Applications

Luckey / Cloud Native Access Control Solutions

With Luckey application, ISEO Ultimate Access Technologies and Sofia Locks provide an innovative solution designed for Flexible Workspaces (e.g. coworking), Flexible Living (e.g. co-living), and Flexible Retail (e.g. pop-up stores), enabling safe and flexible management, according to different needs, thanks to PropTech technology.





Go to page

APPLICATIONS - Luckey

→ Luckey Basic SaaS p. 14

→ Luckey Enterprise SaaS p. 15

Cloud Native

High level of redundancy and global presence guarantees continuous access and minimizes the impact of potential disruptions, providing users with a robust and reliable access control solution.
Systems are secure by design and GDPR compliant. Overall, emphasize best practices, encryption, authentication, and a “zero knowledge” secret management service to ensure robust security measures.

Integrations

Luckey empowers you to extend the capabilities of your software and applications by integrating it with a complete access control system.
By integrating your software with Luckey, you can streamline operations, triggering events into and from the access control.
Additionally, integrating with Luckey allows you to ingest access control data into your management and analytics software, enabling comprehensive reporting, insights, and synchronized management.

Plug-ins and Add-ons

The Cloud Native Access Control solution seamlessly integrates with a wide array of third-party software, thanks to partnerships with the best software providers in the market.
Beyond core functionalities, the product offers a variety of add-ons to enhance platform capabilities. Manage resource bookings, calendars, and multi-site operations effortlessly, ensuring a cohesive and streamlined experience.

Visit the Luckey Store

Applications

Luckey Basic SaaS

Luckey Basic is a Cloud Native Solution, offering competitive pricing model tailored to small and medium businesses. Thanks to its user-friendly interface and the simplicity of the architecture comprised of wireless "Data On Lock"devices, Luckey Basic is a system suitable for small to medium-sized projects.

Licenses

Description	Luckey Basic SaaS
Luckey credits pack - 1 credit	004S321

Technical features

MAIN FUNCTIONS
- Luckey Basic manages systems up to 100 units (locks+users) Smartphone and RFID management
- 'Data on Lock' devices
- Simple and intuitive interface
- Single-site management
- Software features can be enhanced with the purchase of additional components on Luckey Store*.
  Visit the Add-Ons section of Luckey Store.
  https://luckeystore.sofialocks.com/category/add-ons/

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones

COMPATIBILITY
ISEO ARGO Platform

LICENSE
Luckey Credits will be used to pay for and activate subscriptions, as well as to purchase additional components and plug-ins. It is always possible to upgrade to Enterprise.

SOFTWARE INSTALLATION
The software is pre-installed in the Virtual Atlas Master hosted in ISEO Datacenter.

SOFTWARE SUPPORT AND MAINTENANCE
The annual fee includes maintenance and remote software support.

SYSTEMS INTEGRATION
- Available APIs
- Software components developed by third-party technology partners and integrated are available on the Luckey Store.
  Visit the Plug-ins section of the Luckey Store.
  https://luckeystore.sofialocks.com/category/plug-ins/

APP DOWNLOAD

Luckey

GET IT ON Google Play
Download on the App Store

* In Luckey Basic, you can activate only the Bookey and Invitations add-ons.

ONLINE CONTENT

Web page
Luckey help center

SERVICES

Commissioning
Training
Customizations
Technical support
Project Management

Applications

Luckey Enterprise SaaS

Luckey Enterprise by Sofia part of ISEO is the professional application to manage not only mobile credentials, but also the use of space and resources: an advanced panel to manage security and create new business opportunities.
Organizing and controlling the access of individual users and groups to rooms, buildings, or resources is very simple.

Licenses

Description	Luckey Enterprise SaaS
Luckey credits pack - 1 credit	004S321

Technical features

MAIN FUNCTIONS
- Unlimited number of users and smart locks
- Unlimited Smartphone and RFID Support
- Complete Analytics Dashboard
- Unlimited number of Plugins and Add-ons available
- Multi-site management and multi-tenant management
- Smart Groups Management
- Mechatronic Keys management
- Data on-card & Data on-lock
  The functionality of the software can be enhanced with the purchase of additional components on the Luckey Store. Visit the Add-Ons section of the Luckey Store
  https://luckeystore.sofialocks.com/category/add-ons/

CREDENTIALS
- Badges
- Keyfob
- Bracelet
- Smartphones
- Mechatronic Key

COMPATIBILITY
ISEO ARGO Platform
ISEO 1RIS Platform

LICENSE
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SOFTWARE INSTALLATION
The software is pre-installed in the Virtual Atlas Master hosted in ISEO Datacenter.

SOFTWARE SUPPORT AND MAINTENANCE
The annual fee includes maintenance and remote software support.

SYSTEMS INTEGRATION
- Available APIs
- Available SDKs
  Software components developed by third-party technology partners and integrated are available on the Luckey Store. Visit the Plug-ins section of the Luckey Store.
  https://luckeystore.sofialocks.com/category/plug-ins/

APP DOWNLOAD

Luckey

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ONLINE CONTENT

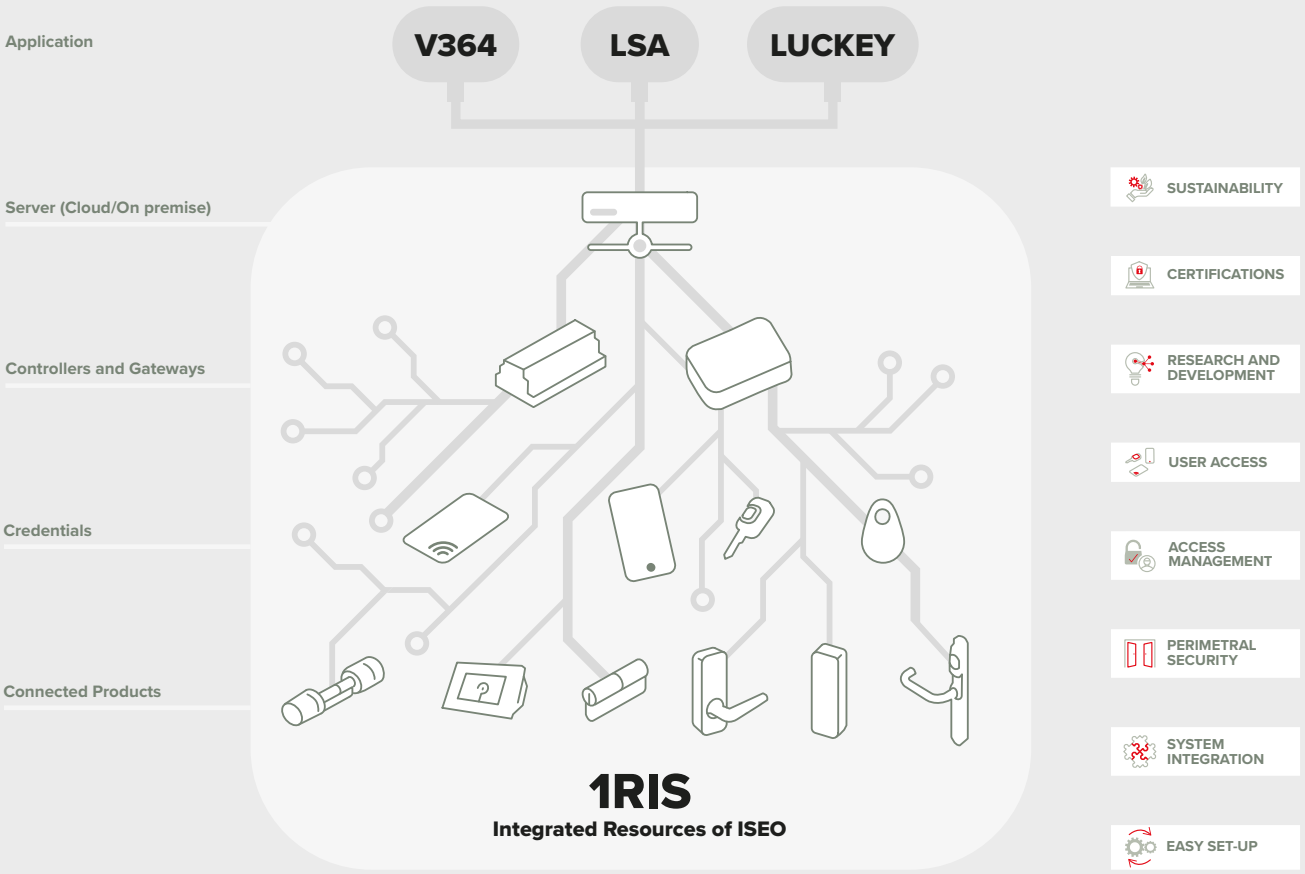
Web page
Luckey help center

SERVICES

Commissioning
Training
Customizations
Technical support
Project Management

1RIS Integrated Resources of ISEO

1RIS is ISEO's comprehensive CONNECTED SYSTEMS platform designed for the future, that is modular and easy to integrate.
It supports multiple mechanical, mechatronic, RFID, and mobile credentials, monitoring their life cycle.
1RIS is compatible with the ISEO software suite (V364, Luckey, and LSA) but is also open to integration with third-party software thanks to regularly updated SDKs.



Cybersecurity



The best solutions for the security of access control systems.

Cybersecurity in access control is crucial to ensuring the security of modern buildings. For ISEO, security is of vital importance, and to defend against security threats, it has implemented the following best practices from existing Internet security technologies in the field of cryptography:

- Symmetric and asymmetric encryption
- Transport Layer Security (TLS 1.3) security
- Digital certificates and Public Key Infrastructure (PKI)
- Authentication: the process by which each party verifies mutual identity and confirms communication with a trusted partner.



Sustainability



At ISEO Sustainability is a priority.

With a constant evolution towards a sustainable future, ISEO has introduced the 1RIS product platform, a cutting-edge access control system that combines efficiency and environmental responsibility. Through the implementation of advanced energy solutions and the use of recyclable materials, ISEO stands out for its tangible commitment to reducing environmental impact.

The two key elements of the sustainability of ISEO solutions are their wireless installation and, in mechatronic key solutions, the use of battery-free cylinders.
This innovative solution not only simplifies installation but also eliminates the need to use materials that are not easily recyclable, such as cables and batteries. Wireless technology not only provides greater flexibility in installation but also helps minimize resource consumption, promoting a more efficient and sustainable approach.

In summary, the 1RIS platform represents a cutting-edge option for access security, with a strong commitment to environmental sustainability. ISEO thus demonstrates its leadership in the industry not only for the efficiency of the access control system but also for environmental awareness, contributing to shaping a more sustainable future through innovative and responsible solutions

Reading Guide

Home Button and Previous View

Device name

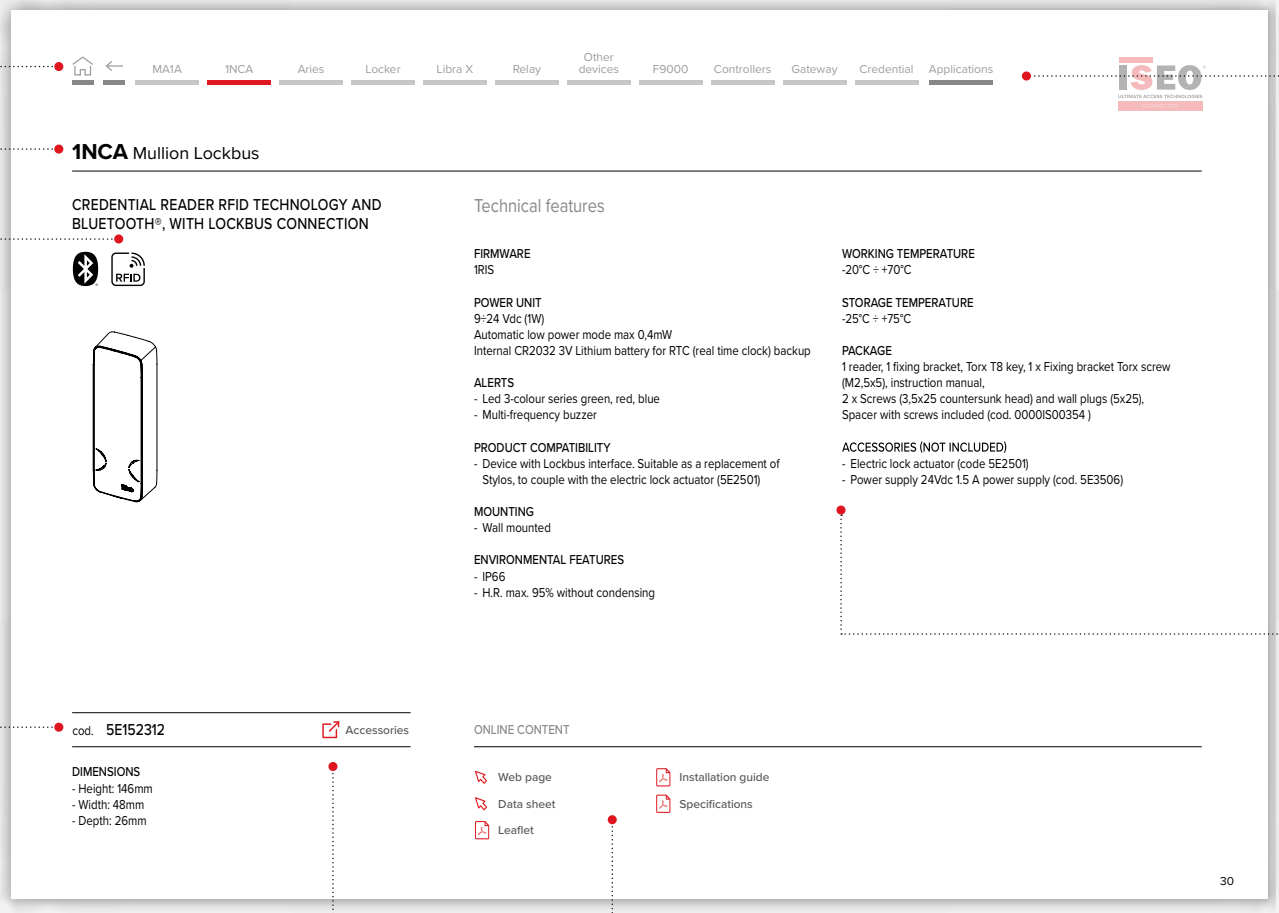
Device type

Device code

If there is the

Code configurator

click to create the code using the configurator of the specific device



Quick navigation to devices' main pages

Technical Data of the device

Links to accessories pages

Links to online materials on **iseo.com**

Search by device

RFID and Bluetooth® access control devices



The full range of ISEO electronic devices dedicated to access control, to be used in various contexts and on numerous types of entry points.

p. 21

F9000 mechatronic keys, cylinders and padlocks



ISEO's mechatronic range, characterized by multi-technology keys that operate on cylinders and locks without batteries or wiring. The ideal solution for professional applications in various sectors.

p. 84

Network and system devices



Gateways and controllers for creating highly scalable system architectures, perfectly adaptable to a wide range of applications and sizes.

p. 139

Search by device

RFID and Bluetooth® access control devices



MA1A

New ISEO's smart handle from featuring an attractive design and compact dimensions, which can be installed on all doors with DIN locks.

p. 22



1NCA

New range of wall-mounted readers, available in different versions, suitable for outdoor installation.

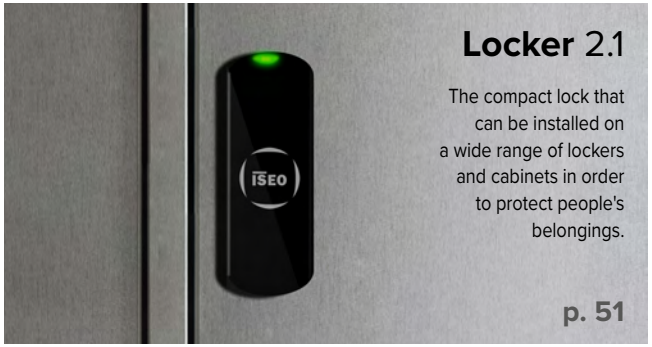
p. 28



Aries 2.1

The electronic smart handle that can be installed on most doors on the market.

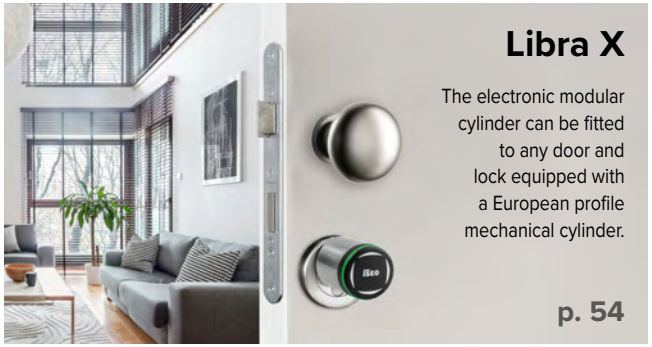
p. 34



Locker 2.1

The compact lock that can be installed on a wide range of lockers and cabinets in order to protect people's belongings.

p. 51



Libra X

The electronic modular cylinder can be fitted to any door and lock equipped with a European profile mechanical cylinder.

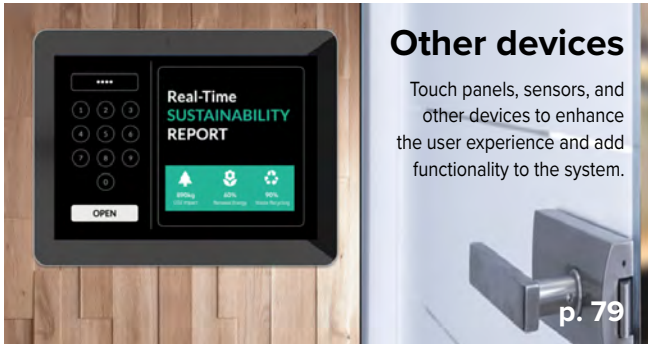
p. 54



Relay 2.0

Concealed control device with integrated relay for electric doors, motorised gates or other electrically operated entrances.

p. 75



Other devices

Touch panels, sensors, and other devices to enhance the user experience and add functionality to the system.

p. 79

MA1A





The smart handle for many applications

MA1A is the new electronic lock from the Connected range by ISEO, designed to easily manage access in businesses, commercial activities, co-working spaces, hotel environments, and utilities. With its compact and elegant design, MA1A is a Made in Italy excellence and represents the ideal retrofit solution for internal doors.

Make your doors connected

MA1A can be opened through Argo the smartphone app conceived for iOS and Android device, with which the user can manage, monitor and open all the doors MA1A has been installed - RFID cards, tags, key fob.
The installation of the smart handle is quick and effortless. It is easy to use and compatible with all DIN mechanical locks.

Product features

- Wake up by RFID card detection or phone (patented)
- Low energy consumption device
- Real Time Clock/Calendar
- Light and acoustic signals
- Permanently open mode (office mode) without extra battery consumption
- Battery-operated device with charge status detection
- Anti passback function
- Software upgradeable on-site via Bluetooth® phone (Stand Alone)
- Four-eye principle (two valid credentials must be presented in sequence to open the lock)

FINISH

Technopolymer

COLOR

Glossy black

ENVIRONMENTAL FEATURES
- IP54
- Max. 95% without condensing

ACCESS CREDENTIALS
- Badge
- Bracelet
- Keyfob
- Smartphone

COMMUNICATION INTERFACE
- RFID ISO14443B/MIFARE ISO14443A
- Bluetooth® Low Energy 5.1

CERTIFICATIONS
- CE (Conformitee Europeenne)
- UKCA (UK Conformity Assessed)
- EN 16867:2020 with classification I3I7I0IBI1I4IB/D*I0I0I
- EN 1634-1 fire resistance EI90

* B with MIFARE Classic cards,
D with MIFARE DESFire cards

Go to page

→ SELECTION GUIDE

MODELS

→ Standard p. 24

MA1A

Selection guide

The MA1A electronic handle is available with different handle sets.
The items required to adapt the different door types and to ensure correct installation are various and must be chosen from the options available according to the characteristics and the dimensions of the door and the specific usage requirements.
To ensure the correctness and completeness of the order, here is a guide for the selection of the various articles that make up the set for each door.

ORDER THE PRODUCT IN A FEW STEPS

1

Check the type of door on which the MA1A Connected Smart Handle will be mounted.

2

Choose the handle set you prefer.

Go to page

3

Compose the necessary spindle and screws kit.

Go to page

4

Optional.
Choose **lock to match**.

Go to page

Go to page

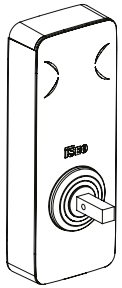
- **SELECTION GUIDE**

MODELS

→ Standard p. 24

MA1A Standard

CONNECTED SMART HANDLE WITH RFID TECHNOLOGY AND BLUETOOTH®



Technical features

FIRMWARE
1RIS

POWER UNIT
3 alkaline batteries 1.5V type AAA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- Led 3-colour series green, red, blue
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Backset min 35 mm (E)
- Escutcheon max diameter = 52mm (C)
- Min center-holes distance = 70mm (D)
- DIN holes = 38mm (DIN)
- Multiblindo Easy Exit Lateral compatible version (M)
- Max handle rotation angle 40°
- 7, 8 or 9 mm square spindle (*)
- Recommended locks with latchbolt only or automatic deadbolt function
- Max door mass and dimensions 250 Kg, 1320 x 2520 mm (W x H)
- Door thickness 40 - 125 mm
- Compatible to all European DIN locks

(*) 8mm square spindle required with MA1A handles provided by ISEO. 7 and 9mm square spindle compatible to MA1A available (go to Aries screws and handle follower kit)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP54
- H.R. max. 95% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
MA1A smart handle, 3x AAA 1,5Vdc alcaline batteries, torx key T8, anti-tilt kit.

ACCESSORIES (NOT INCLUDED)
- Handle Set (standard and with Safe Touch antibacterial protection)
- Spindle and screws kit

cod. **00E40201525**

Accessories

DIMENSIONS
- Width: 56mm
- Length: 147mm
- Thickness: 24mm
- Handle length: 115 mm from the center of the plate

Weight
600 g

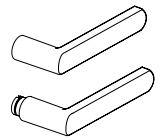
ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Custom Handle Specifications
Drilling Template

MA1A

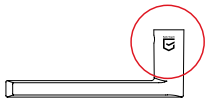
Accessories

HANDLE SET



YUMA
MA1A Handle Set
Package: 1 MA1A external handle, 1 Internal handle, 1 Internal handle fixing plate with reinforcing spring and cover, 2 Internal and external cylinder escutcheons with covers.

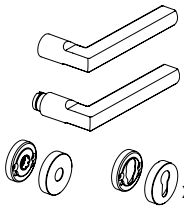




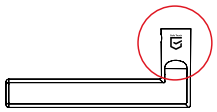
Zamak Alloy – Matte Black RAL 9005	1	00.329.005
WITH SAFE TOUCH ANTIBACTERIAL PROTECTION Safe Touch treatment applied to external and internal handle.	1	00.329.005A



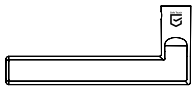
Zamak Alloy – Satin Chrome	1	00.329.00Y
WITH SAFE TOUCH ANTIBACTERIAL PROTECTION Safe Touch treatment applied to external and internal handles.	1	00.329.00YA



URACAN
MA1A Handle Set
Package: 1 MA1A external handle, 1 Internal handle, 1 Internal handle fixing plate with reinforcing spring and cover, 2 Internal and external cylinder escutcheons with covers.



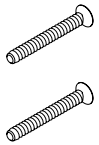
Stainless steel – Matte Black RAL 9005	1	00.431.005
WITH SAFE TOUCH ANTIBACTERIAL PROTECTION Safe Touch treatment applied to external and internal handles.	1	00.431.005A

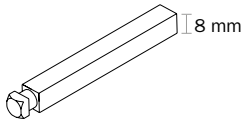


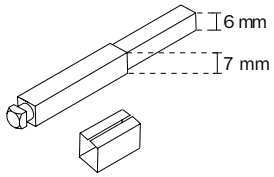
Satin Stainless steel	1	00.431.002
WITH SAFE TOUCH ANTIBACTERIAL PROTECTION Safe Touch treatment applied to external and internal handles.	1	00.431.002A

MA1A

Accessories







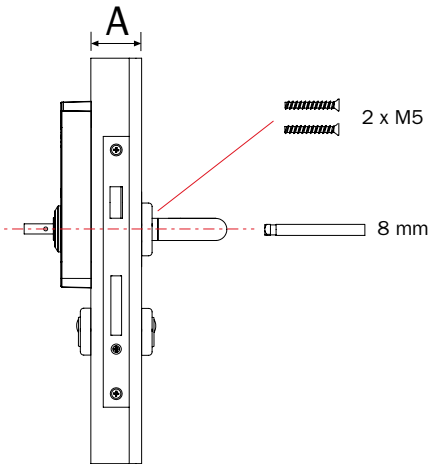
6 to 8 mm adapter



Screw for adapter fixing

SPINDLE AND SCREWS KIT

Spindle and screws length related to door thickness (A)
Package includes: 1 square spindle, 2 M5 fixing screws with thread-locking.
NOTE: select the right kit depending on door thickness.



8 mm square spindle and 2xM5 screws kit

Door thickness from 40 to 50 mm	1	201E004050A
Door thickness from 50 to 60 mm	1	201E005060A
Door thickness from 60 to 70 mm	1	201E006070A
Door thickness from 70 to 80 mm	1	201E007080A
Door thickness from 80 to max 125 mm (to be cut)	1	201E008010A

7 mm square spindle and 2xM5 screws kit

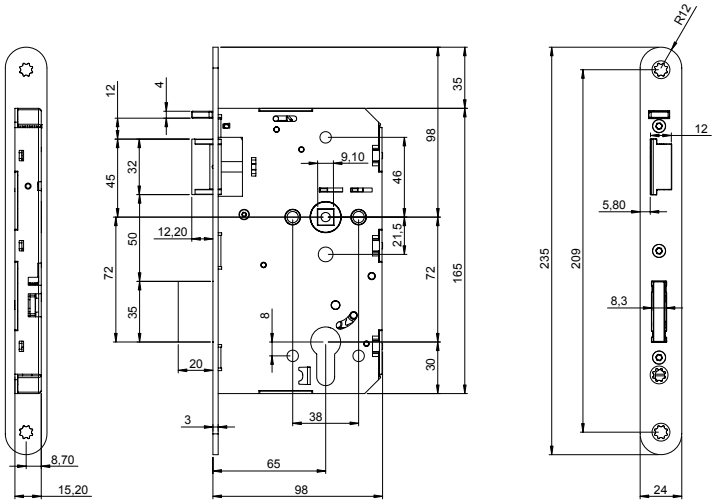
Door thickness from 40 to 50 mm	1	0000A00278
Door thickness from 50 to 60 mm	1	0000A00279
Door thickness from 60 to 70 mm	1	0000A00280
Door thickness from 70 to 80 mm	1	0000A00281

MA1A Smart

Accessories

LOCK CAN BE COMBINED

PANIC FIRE-RATED SELF-LOCKING LOCK
Panic self-locking lock for fire-resistant doors.
When the leaf is approached, the deadbolt of the lock is automatically engaged.
Internal operation:
The key operates the external handle (function B) and retracts the latch and deadbolt (only with function E).
The panic bar and/or emergency handle always retract the latch and deadbolt.
External operation:
The key enables/disables the handle that recalls the latch and deadbolt (function B).
72 mm center distance. 9 mm sintered steel handle follower set with 30° rotation.
Self-locking 20mm deadbolt.
Zinc plated front plate (stainless steel option) with round edges (square edges option) 24x3 mm (20x3 mm option). NK sintered steel latch.
Compatible with Euro profile cylinder, with DIN cam to be ordered separately.



2 D [PANIC FUNCTION] **1 A** [FRONT PLATE SHAPE AND DIMENSIONS] [BACKSET] [HAND] [FINISH] . [LATCH TYPE]

- A = Automatic
- PANIC FUNCTION: **B** = Function B; **E** = Function E
- FRONT PLATE SHAPE AND DIMENSIONS: **1** = 24x3 Round; **2** = * 20x3 Round; **3** = * 24x3 Square; **4** = * 20x3 Square
- BACKSET: **55** = 55 mm; **60** = 60 mm; **65** = 65 mm; **80** = 80 mm; **10** = 100 mm
- HAND: **1** = Right; **2** = Left
- FINISH: **2** = Stainless steel *; **4** = Zinc plated
- LATCH TYPE: **3** = Pull (reversed) *; **4** = Standard

* Versions on request

1NCA





A new range of multistandard readers

1NCA Readers is an innovative range of multi-standard, wall-mounted and weatherproof readers of ISEO Connected products line, designed for access management in residential and light commercial buildings. These readers can be easily installed and can manage internal doors but also outdoor gates since they have the IP66 certification.

Elegant in every situation

All 1NCA readers combine leek and minimalist design with premium and durable materials, which is well suited to different environments. Experience the perfect blend of elegance and reliability, elevating your security measures to new heights and unlocking your freedom to move.

Product features

- Wake up by RFID card detection or phone (patented)
- Low energy consumption device
- Real Time Clock/Calendar
- Light and acoustic signals
- Permanently open mode (office mode) without no extra battery consumption
- Four-eye principle (two valid credentials must be presented in sequence to open the lock)
- Anti passback function
- Credential reader/validator when connected to the Atlas controller
- Software updatable on site via Bluetooth® phone (Stand Alone) or from Atlas controller (online)

FINISH

Technopolymer

Glass

COLOR

Glossy black

ENVIRONMENTAL FEATURES
- IP66
- Max. 95% without condensing

ACCESS CREDENTIALS
- Badge
- Keyfob
- Bracelet
- Smartphone

COMMUNICATION INTERFACE
- RFID ISO14443B/MIFARE ISO14443A
- Bluetooth® Low Energy 5.1
- Lockbus

CERTIFICATIONS
- Compliance to RED, European and UK directives concerning radio equipment regulations

Go to page

→ SELECTION GUIDE

MODELS

→ Mullion Lockbus p. 30

→ Mullion Relay p. 31

→ Mullion Keyboard Lockbus p. 32

1NCA

Selection guide

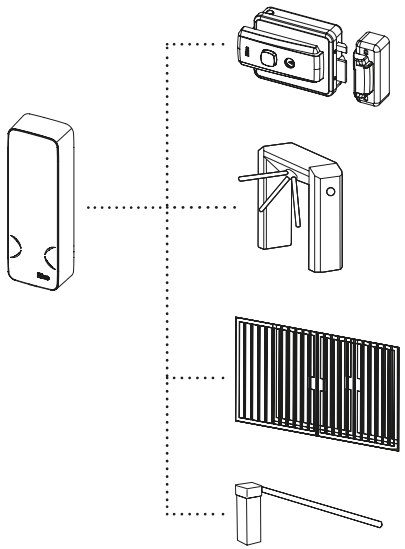
1NCA readers are ISEO's new credential readers characterised by an elegant and contemporary design suitable for outdoor installation (IP66).
They are available in various models to meet different installation and functional requirements.

ORDER THE PRODUCT IN A FEW STEPS

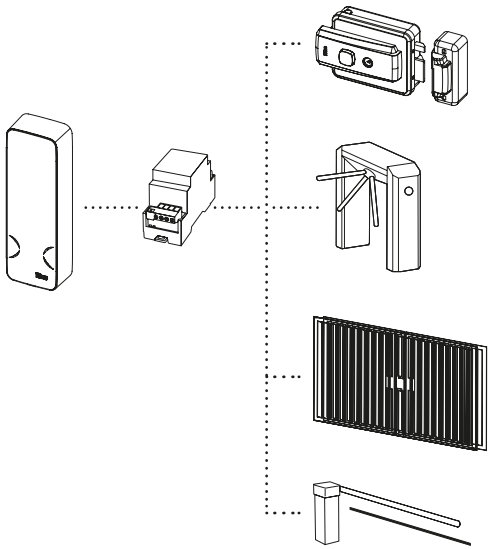
1

Choose the 1NCA Connected Reader model suitable for your application and click in the column on the right :

Mullion Relay Dispositivo con relè a bordo per l'azionamento diretto di varchi elettromeccanici.



Mullion Lockbus Lockbus device for operating electromechanical gates in combination with the Actuator for electromechanical locks. Suitable for replacing the ISEO's Stylos reader.



2

Optional.
Choose accessories to complete the system.

Go to page

Go to page

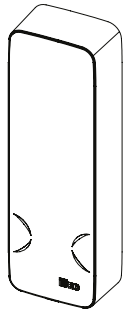
- SELECTION GUIDE

MODELS

- Mullion Lockbus p. 30
- Mullion Relay p. 31
- Mullion Keyboard Lockbus p. 32

1NCA Mullion Lockbus

CREDENTIAL READER RFID TECHNOLOGY AND BLUETOOTH®, WITH LOCKBUS CONNECTION



Technical features

FIRMWARE
1RIS

POWER UNIT
9÷24 Vdc (1W)
Automatic low power mode max 0,4mW
Internal CR2032 3V Lithium battery for RTC (real time clock) backup

ALERTS
- Led 3-colour series green, red, blue
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Device with Lockbus interface. Suitable as a replacement of Stylos, to couple with the electric lock actuator (5E2501)

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP66
- H.R. max. 95% without condensing

WORKING TEMPERATURE
-20°C ÷ +70°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader, 1 fixing bracket, Torx T8 key, 1 x Fixing bracket Torx screw (M2,5x5), instruction manual,
2 x Screws (3,5x25 countersunk head) and wall plugs (5x25),
Spacer with screws included (cod. 0000IS00354)

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)
- Power supply 24Vdc 1.5 A power supply (cod. 5E3506)

cod. **5E152312** Accessories

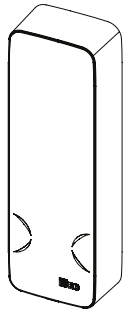
DIMENSIONS
- Height: 146mm
- Width: 48mm
- Depth: 26mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications

1NCA Mullion Relay

CREDENTIAL READER RFID CONTACTLESS MULTISTANDARD, BLUETOOTH®, WITH BUILT IN RELAY



Technical features

FIRMWARE
1RIS

POWER UNIT
9÷24 Vdc (1W)
Automatic low power mode max 0,4mW
Internal CR2032 3V Lithium battery for RTC (real time clock) backup

ALERTS
- Led 3-colour series green, red, blue
- Multi-frequency buzzer

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP66
- H.R. max. 95% without condensing

WORKING TEMPERATURE
-20°C ÷ +70°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader, 1 fixing bracket, Torx T8 key, 1 x Fixing bracket Torx screw (M2,5x5), instruction manual,
2 x Screws (3,5x25 countersunk head) and wall plugs (5x25)

ACCESSORIES (NOT INCLUDED)
- Spacer with screws (code 0000IS00354)
- Power supply 24Vdc 1.5 A power supply (cod. 5E3506)

cod. **5E152412** Accessories

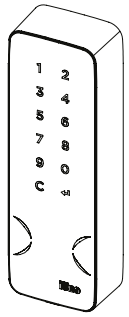
DIMENSIONS
- Height: 146mm
- Width: 48mm
- Depth: 26mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications

1NCA Mullion Keyboard Lockbus

CREDENTIAL READER WITH KEYBOARD, RFID CONTACTLESS MULTISTANDARD, BLUETOOTH® WITH LOCKBUS CONNECTION



COMPATIBLE ONLY WITH THE LUCKEY APPLICATION

cod. 5E152322 Accessories

DIMENSIONS
- Height: 146mm
- Width: 48mm
- Depth: 26mm

Technical features

FIRMWARE
1RIS

POWER UNIT
9÷24 Vdc (1W)
Automatic low power mode max 0,4mW
Internal CR2032 3V Lithium battery for RTC (real time clock) backup

ALERTS
- Led 3-colour series green, red, blue
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Device with Lockbus interface. Suitable as a replacement of Stylos, to couple with the electric lock actuator (5E2501)

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP66
- H.R. max. 95% without condensing

WORKING TEMPERATURE
-20°C ÷ +70°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader, 1 fixing bracket, Torx T8 key, 1 x Fixing bracket Torx screw (M2,5x5), instruction manual,
2 x Screws (3,5x25 countersunk head) and wall plugs (5x25), spacer with screws (cod. 0000IS00354)

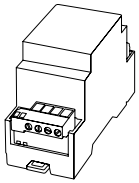
ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (cod. 5E2501)
- Power supply 24Vdc 1.5 A power supply (cod. 5E3506)

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications

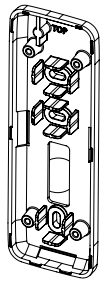
1NCA

Accessories



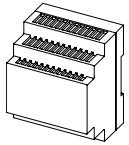
Electric lock actuator
1 relay + 1 booster.
3 inputs (1 digital, 1 analog, 1 digital/ analog)
Lockbus interface.
8-30Vdc Power Supply
DIN35 rail mounting.
Package: 1 actuator, instruction manual.

1 5E2501



Spacer with screws (for Mullion reader)
2 x Screws (3,5x25 flat-head)
4 x Screws (3x8)

1 0000IS00354



POWER SUPPLY UNIT 24Vdc - 30W
Input 120-230Vac. Output 24Vdc 1,5A.
DIN35 rail mounting.
Package: 1 Power Supply, instruction manual

1 5E3506

Aries 2.1





Make your door Smart

The flexibility and simplicity of installation make Aries the ideal solution for access control of residential environments and public places (shopping centres, industries, public and private offices, schools and universities, hospitals and retirement homes, residences and hotels, etc.).

For many applications

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.

Product features

- Handle movement detection.
- Emergency mechanical key detection.
- Privacy signal.
- Wake up by RFID card detection or phone (patented)
- Battery-operated device with charge status detection
- Low energy consumption device
- Real Time Clock/Calendar
- Anti passback function
- Light and acoustic signals
- Real Time Clock/Calendar
- Software upgradeable on-site via Bluetooth® phone (Stand Alone)
- Four-eye principle (two valid credentials must be presented in sequence to open the lock)

FINISH

Stainless

ENVIRONMENTAL FEATURES
- IP54
- IP55 with resistance to salty atmosphere

ACCESS CREDENTIALS
- Badge
- Keyfob
- Bracelet
- Smartphone

COMMUNICATION INTERFACE
- RFID ISO14443B/MIFARE ISO14443A
- Bluetooth® Low Energy 5.1

CERTIFICATIONS
- EN 179 certification available in combination with specific locks
- EN 1125 certification available in combination with specific panic devices and locks

Go to page

→ SELECTION GUIDE

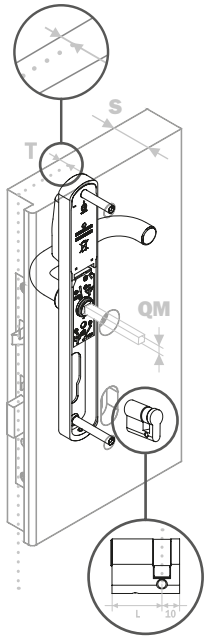
MODELS

→ Standard p. 36
→ For panic devices p. 37
→ For custom handles p. 38
→ For custom handles for panic devices p. 39
→ For DIN lock p. 40
→ For fire locks p. 41
→ For Premi Apri Meroni locks p. 42

Aries 2.1

Selection guide

The Aries electronic handle is available in different versions to suit the costumers' needs and the characteristics of the doors on which it is to be to be installed.
The articles required for correct installation are various and must be chosen from the options available both according to the characteristics and dimensions of the door and to the specific usage requirements.
To ensure the correctness and completeness of the order, here is a guide for choosing the various articles that make up the set for each door.



ORDER THE PRODUCT IN A FEW STEPS

1

Check the type and dimensions of the door (in case of handle replacement on existing door)

2

Choose the Aries handle's model in the right column, generating the code thanks to the configurator on the product page

3

Compose the necessary spindle and screws kit and check whether an adapter **plate kit is required** (for panic devices and DIN locks).

Choose from menu

Spindle and screws kit

Adapter plate kit

Other accessories

4

Optional.
Choose a **lock to match** from those available.

Go to page

Go to page

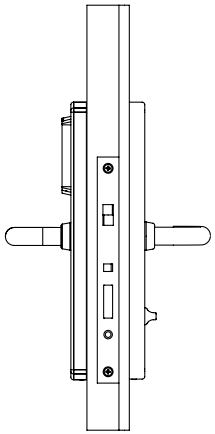
SELECTION GUIDE

MODELS

→ Standard p. 36
→ For panic devices p. 37
→ For custom handles p. 38
→ For custom handles for panic devices p. 39
→ For DIN lock p. 40
→ For fire locks p. 41
→ For Premi Apri Meroni locks p. 42

Aries 2.1 Standard

ELECTRONIC RFID/BLUETOOTH®
TRIM SET STANDARD



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP55
- IP54

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

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.

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center

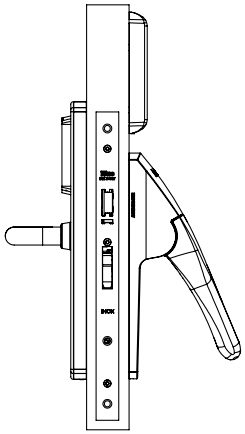
Weight
1530 g

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Maintenance manual

Aries 2.1 For panic devices

ELECTRONIC RFID/BLUETOOTH®
TRIM SET FOR PANIC DEVICES



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP55
- IP54

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

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.

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock
- Adapter plate kit for panic devices installation

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center

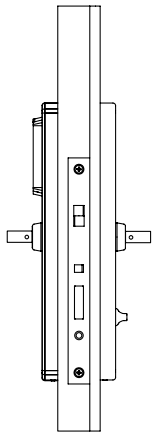
Weight
1530 g

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Aries 2.1 For custom handles

ELECTRONIC RFID/BLUETOOTH®
TRIM SET FOR CUSTOM HANDLES



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP55
- IP54

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
Industrial Packaging: 10 trims (pairs), 20 batteries, 2 mm hex key, instruction manual.
NOTE: - handles, handle follower and fixing screws set, mechanical override cylinder and mechanical lock not included.
- For custom handle specifications, please see the corresponding document on iseo.com

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm

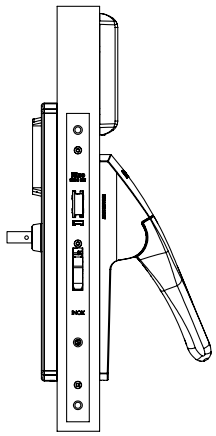
Weight
1530 g

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Aries 2.1 For custom handles for panic devices

ELECTRONIC RFID/BLUETOOTH®
TRIM SET FOR PANIC DEVICES



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP55
- IP54

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
Industrial Packaging: 10 trims, 10 battery holder, 20 batteries, 2 mm hex key, instruction manual.
NOTE:
- Internal and external handles, handle follower and fixing screws set, mechanical override cylinder and mechanical lock not included.
- For custom handle specifications, please see the corresponding document on iseo.com

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock
- Adapter plate kit for panic devices installation

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm

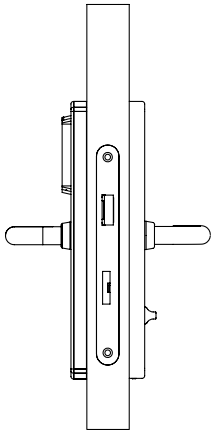
Weight
1530 g

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Aries 2.1 For DIN lock

ELECTRONIC RFID/BLUETOOTH®
TRIM SET FOR DIN LOCK



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP55
- IP54

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

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.

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock
- Adapter plate kit for DIN locks installation

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center

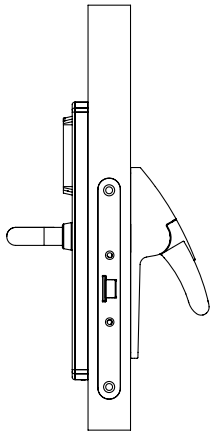
Weight
1530 g

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Aries 2.1 For fire locks

ELECTRONIC RFID/BLUETOOTH® TRIM SET FOR FIRE LOCKS



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP54
- IP55

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

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.

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center

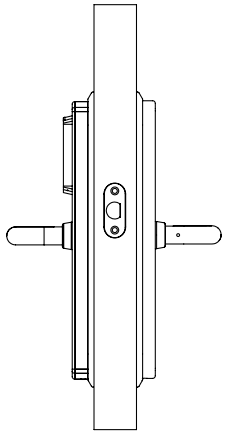
Weight
1530 g

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Aries 2.1 For Premi Apri Meroni locks

ELECTRONIC RFID/BLUETOOTH® TRIM SET



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening. The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Can be fit on any door (wooden, aluminium, metal, PVC and so on)
- Door thickness 40 - 85 mm (with standard accessories), 85 - 120 mm (with special accessories)
- Suitable for use fire/smoke resisting door assemblies
- 7, 8 or 9 (*) mm handle follower. Center distance follower/cylinder 70, 72, 85, 88 and 92 mm
- Backset: 25mm minimum, if using nylon underplate to cover holes on door backset minimum 40mm. European profile cylinder hole
- Latchbolt only or automatic deadbolt function
- Max handle rotation angle 40°

(*) with adaptor

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP54
- IP55

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 trim (pair) 1 plastic underplate, 2 batteries, 2 mm hex key, instruction manual.
NOTE: handle set and fastener screws, override cylinder and mechanical lock not included.

ACCESSORIES (NOT INCLUDED)
- Handle follower and screws set (mandatory)
- Override cylinder
- Override keys set
- Underplate
- Lock

Code configurator | Accessories

DIMENSIONS
- Plate width: 38 mm
- Plate length: 294 mm
- Plate thickness: 17 mm
- Handle length: 131 mm from plate center

Weight
1530 g

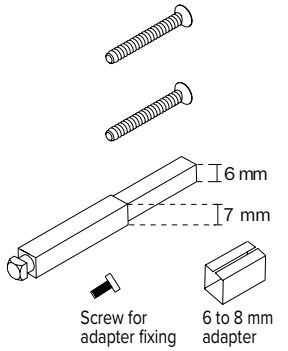
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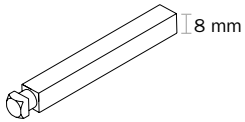
SPINDLE AND SCREWS KIT (1/2) FOR IP54 VERSION



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.

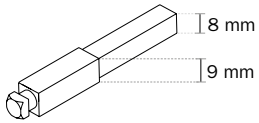
QM 7 mm Spindle

Door thickness **S** from 40 to 55 mm	1	201E074055A
Door thickness **S** from 55 to 70 mm	1	201E075570A
Door thickness **S** from 70 to 85 mm	1	201E077085A



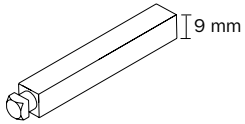
QM 8 mm Spindle

Door thickness **S** from 40 to 55 mm	1	201E004055A
Door thickness **S** from 55 to 70 mm	1	201E005570A
Door thickness **S** from 70 to 85 mm	1	201E007085A
Door thickness MAX 125 mm (to be cut)	1	201E008010A



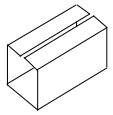
QM 9 mm Spindle (for fire doors)

Door thickness **S** from 40 to 55 mm	1	201E094055A
Door thickness **S** from 55 to 70 mm	1	201E095570A
Door thickness **S** from 70 to 85 mm	1	201E097085A
Door thickness **S** from 85 to 125mm	1	201E098010A



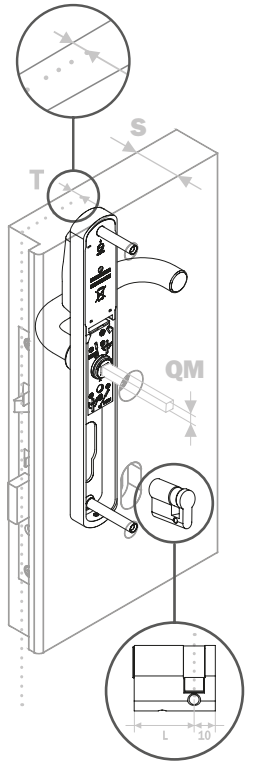
SCREWS AND HANDLE FOLLOWERS KIT
For panic devices installation.
Followers 9 mm and fixing screws for doors thickness up to 85 mm.
NOTE: to be cut according to door thickness

	1	201E915570A



ADAPTER FOR HANDLE FOLLOWER
8 to 9 mm adapter

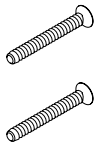
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Aries 2.1

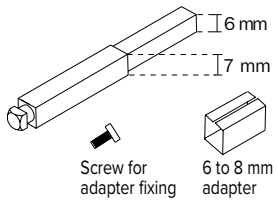
Accessories

STAINLESS STEEL SPINDLE AND SCREWS KIT (2/2) FOR IP55 VERSION



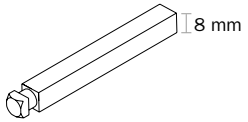
SCREWS AND HANDLE FOLLOWER KIT

2 screws M5 with threadlocking.
Package: 2 screws, 1 handle follower
NOTE: Select the right kit depending on door thickness.



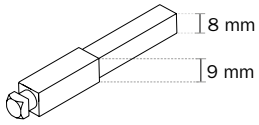
QM 7 mm Spindle

Door thickness **S** from 40 to 55 mm	1	0000A00244
Door thickness **S** from 55 to 70 mm	1	0000A00245
Door thickness **S** from 70 to 85 mm	1	0000A00246



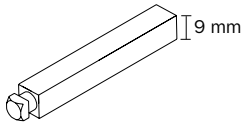
QM 8 mm Spindle

Door thickness **S** from 40 to 55 mm	1	0000A00234
Door thickness **S** from 55 to 70 mm	1	0000A00235
Door thickness **S** from 70 to 85 mm	1	0000A00236
Door thickness MAX 125 mm (to be cut)	1	0000A00237



QM 9 mm Spindle (for fire doors)

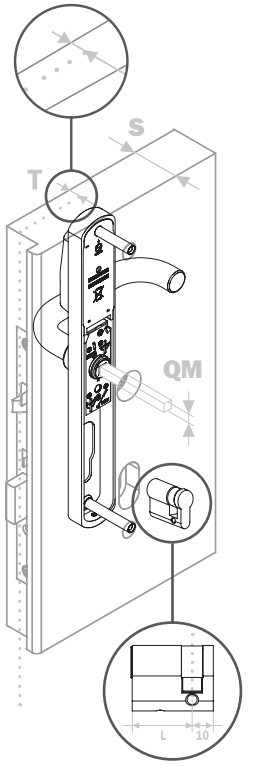
Door thickness **S** from 40 to 55 mm	1	0000A00238
Door thickness **S** from 55 to 70 mm	1	0000A00239
Door thickness **S** from 70 to 85 mm	1	0000A00240
Door thickness **S** from 85 to 125mm	1	0000A00241



SCREWS AND HANDLE FOLLOWERS KIT

For panic devices installation.
Followers 9 mm and fixing screws for doors thickness up to 85 mm.
NOTE: to be cut according to door thickness

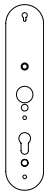
	1	0000A00263



Aries 2.1

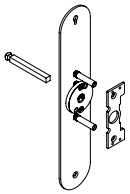
Accessories

ADAPTER PLATE KIT



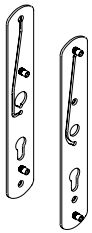
ADAPTER PLATE KIT
For panic devices installation with series 214* panic lock case (DIN 72 mm center distance).
Package: 1 adapter plate.

1	529E000040



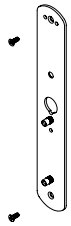
ADAPTER PLATE KIT
For RIM panic devices Idea Push installation
Package: plates, fixing screws, accessories.

1	567E0000540



ADAPTER PLATE KIT
For DIN locks installation
Package: plates

1	529E080054

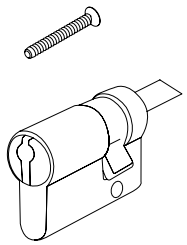


ADAPTER PLATE KIT
Fire Doors Installation
Package: 1 plate with 2 screws

1	201E093054A

Aries 2.1

Accessories



OVERRIDE MECHANICAL CYLINDER

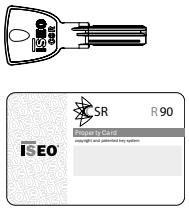
Monoprofile with usage detection plate. **High Security ISEO R90 Factory.**
Up to 3 mechanical recodings. KA on the same installation. Nickel plated finish. Without keys.
Package: 1 cylinder, 1 fixing screw

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

NOTE: Select the right dimension depending on door and lock features.
Override keys to be ordered separately.

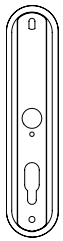
Lenght **L** 30 - 10 mm	1	82RC030A19RF.08
Lenght **L** 40 - 10 mm	1	82RC040A19RF.08
Lenght **L** 50 - 10 mm	1	82RC050A19RF.08



OVERRIDE KEYS KIT

3 R90 keys in sequence.
Property cards.
Package: 3 keys, 2 property cards

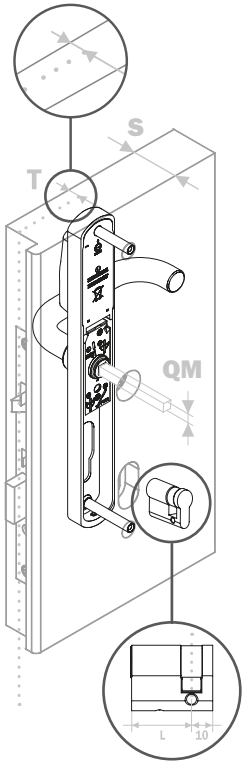
	1	80RCKR0F0



PLASTIC UNDERPLATE

Black plastic underplate to cover up eventually visible key holes.
Dimensions: H=312 mm, L=70 mm.
Package: 1 underplate.

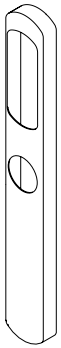
	1	529E00000



Aries 2.1

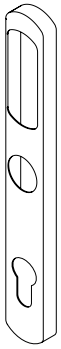
Accessories

AESTHETIC EXTERNAL AND INTERNAL COVER



AESTHETIC EXTERNAL COVER
Without cylinder hole in the cover.
Package: 1 cover

Inox	1	561E1120240



AESTHETIC EXTERNAL COVER
With cylinder hole.
Package: 1 cover

70 mm center distance

Inox	1	561E1420240

72 mm center distance

Inox	1	561E1520240

85 mm center distance

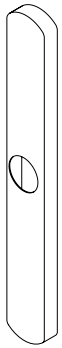
Inox	1	561E1220240

88 mm center distance

Inox	1	561E1620240

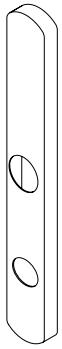
92 mm center distance

Inox	1	561E1320240



AESTHETIC INTERNAL COVER
Without privacy.
Package: 1 cover

Inox	1	561E1130240

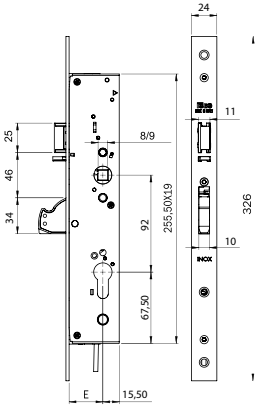


AESTHETIC INTERNAL COVER
With privacy.
Package: 1 cover

Inox	1	561E1330240

Aries 2.1

Accessories



LOCK CAN BE COMBINED (1/3)

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 key.
Center distance 92 mm. The microswitch detects and signals the deadbolt status.
Right or left latchbolt, non reversible. To be ordered separately: striking plates 03323*.
Package: 1 lock, instructions.

ONE-PIECE HANDLE FOLLOWER 9 mm
8/9 mm square spindle code 201E094055A included.

Flat front-plate		Backset mm		
326x24x3	INOX	35 DIN SX	1	7A1A163522S.A9
		35 DIN DX	1	7A1A163522D.A9
		40 DIN SX	1	7A1A164022S.A9
		40 DIN DX	1	7A1A164022D.A9
		45 DIN SX	1	7A1A164522S.A9
		45 DIN DX	1	7A1A164522D.A9
		50 DIN SX	1	7A1A165022S.A9
		50 DIN DX	1	7A1A165022D.A9
		55 DIN SX	1	7A1A165522S.A9
		55 DIN DX	1	7A1A165522D.A9
		60 DIN SX	1	7A1A166022S.A9
		60 DIN DX	1	7A1A166022D.A9
		65 DIN SX	1	7A1A166522S.A9
		65 DIN DX	1	7A1A166522D.A9

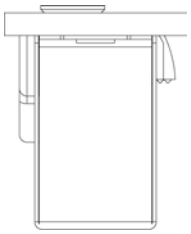
ONE-PIECE HANDLE FOLLOWER 8 mm

Flat front-plate		Backset mm		
326x24x3	INOX	35 DIN SX	1	7A1A163522S.A8
		35 DIN DX	1	7A1A163522D.A8
		40 DIN SX	1	7A1A164022S.A8
		40 DIN DX	1	7A1A164022D.A8
		45 DIN SX	1	7A1A164522S.A8
		45 DIN DX	1	7A1A164522D.A8
		50 DIN SX	1	7A1A165022S.A8
		50 DIN DX	1	7A1A165022D.A8
		55 DIN SX	1	7A1A165522S.A8
		55 DIN DX	1	7A1A165522D.A8
		60 DIN SX	1	7A1A166022S.A8
		60 DIN DX	1	7A1A166022D.A8
		65 DIN SX	1	7A1A166522S.A8
		65 DIN DX	1	7A1A166522D.A8

Aries 2.1

Accessories

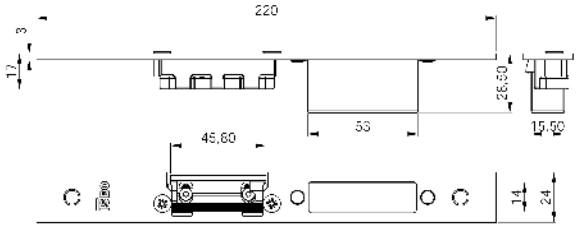
LOCK CAN BE COMBINED (2/3)

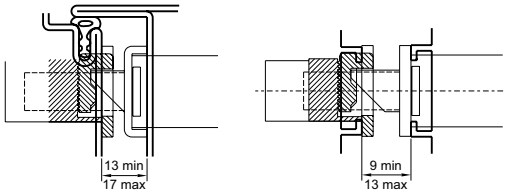


Full-size scale

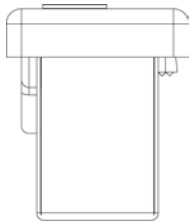
ADJUSTABLE closed striking plate for **CENTRAL LOCK** MULTIBLINDO EASY.
Material: stainless steel.
With mechanical striker.

Flat front-plate **24x3x220 DIN SX**	10	033230
Flat front-plate **24x3x220 DIN DX**	10	033231





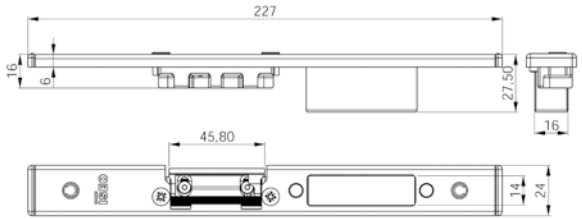
In case the space between the striking plate and the door is greater, it is necessary to use a spacer for the striking plate

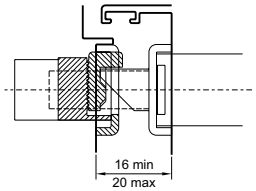


Full-size scale

ADJUSTABLE closed striking plate for **CENTRAL LOCK** MULTIBLINDO EASY.
Material: stainless steel.
With mechanical striker.

U-front plate 24x6x220 DIN SX	10	033232
U-front plate 24x6x220 DIN DX	10	033233



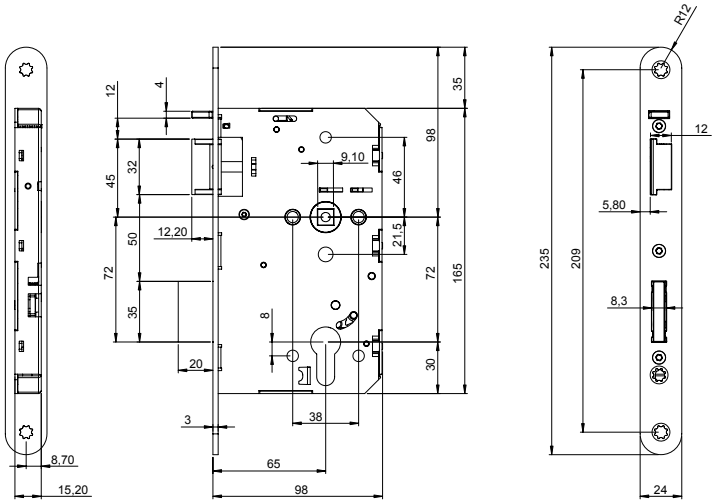


In case the space between the striking plate and the door is greater, it is necessary to use a spacer for the striking plate

Aries 2.1

Accessories

LOCK CAN BE COMBINED (3/3)



PANIC FIRE-RATED SELF-LOCKING LOCK
Panic self-locking lock for fire-resistant doors.
When the leaf is approached, the deadbolt of the lock is automatically engaged.
Internal operation:
The key operates the external handle (function B) and retracts the latch and deadbolt (only with function E).
The panic bar and/or emergency handle always retract the latch and deadbolt.
External operation:
The key enables/disables the handle that recalls the latch and deadbolt (function B).
72 mm center distance. 9 mm sintered steel handle follower set with 30° rotation.
Self-locking 20mm deadbolt.
Zinc plated front plate (stainless steel option) with round edges (square edges option) 24x3 mm (20x3 mm option). NK sintered steel latch.
Compatible with Euro profile cylinder, with DIN cam to be ordered separately.

	PANIC FUNCTION			FRONT PLATE SHAPE AND DIMENSIONS	BACKSET		HAND	FINISH		LATCH TYPE
2	D	☐	1	A ☐	☐	☐	☐	☐	.	☐

- Automatic
- Function **B**
- Function **E**
- 24x3 Round **1**
- * 20x3 Round **2**
- * 24x3 Square **3**
- * 20x3 Square **4**
- **55** = 55 mm
- **60** = 60 mm
- **65** = 65 mm
- **80** = 80 mm
- **10** = 100 mm
- **1** Right
- **2** Left
- **2** Stainless steel *
- **4** Zinc plated
- **3** Pull (reversed) *
- **4** Standard

* Versions on request

Locker 2.1





For office, gym, swimming pool

Locker can be installed on a wide range of cabinets and lockers in order to keep people's property safe while they're in the office, the gym, swimming pool, or any other situation where personal belongings need to be temporarily safeguarded.

Automatic locking

By closing the door of the cabinet, Locker will automatically lock.
Locker is battery powered allowing easy installation in new lockers or retrofit in existing lockers currently operated by keys.

Product features

- Automatic locking just pulling the door ajar
- Battery-operated device with charge status detection
- Wake up by RFID card detection or phone (patented)
- Low energy consumption device
- Real Time Clock/Calendar
- Four-eye principle (two valid credentials must be presented in sequence to open the lock)
- Anti passback function
- Light and acoustic signals
- Permanently open mode (office mode) without no extra battery consumption
- Software upgradeable on-site via Bluetooth® phone (Stand Alone)

FINISH

Technopolymer

COLOR

Anthracite

ENVIRONMENTAL FEATURES
- IP20

ACCESS CREDENTIALS
- Badge
- Keyfob
- Bracelet
- Smartphone

COMMUNICATION INTERFACE
- RFID ISO14443B/MIFARE ISO14443A
- Bluetooth® Low Energy 5.1

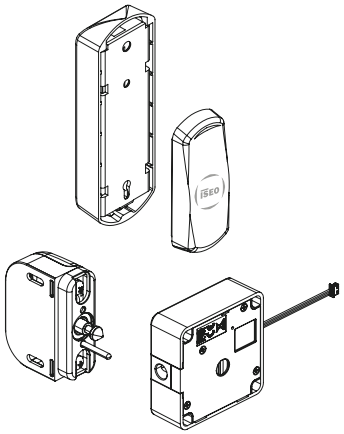
Go to page

MODELS

→ Electronic lock for cabinets p. 52

Locker 2.1 Electronic lock for cabinets

LOCKER CAN BE INSTALLED ON A WIDE RANGE OF CABINETS AND LOCKERS IN ORDER TO PROTECT USERS' BELONGINGS



Technical features

FIRMWARE
1RIS

RELEASE
2.1

POWER UNIT
2 alkaline batteries 1.5V type AA

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Smart Locker can be installed on a wide range of cabinets and lockers in order to protect users' personal belongings safe in offices, businesses, and shared spaces or in every similar situation where people need to deposit personal items in a secure place

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP20

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 RFID reader, 2 batteries, lock with pin latch, fixing screws, instruction manual

ACCESSORIES (NOT INCLUDED)
- Accessori for elettric emergency (0000IS00253)

cod. **1ES10162** Accessories

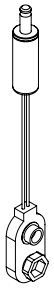
DIMENSION
External reader dimensions (with support):
- Width: 39 mm
- Height: 86 mm
- Depth: 20 mm

ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications
Accessory for electric emergency

Locker 2.1

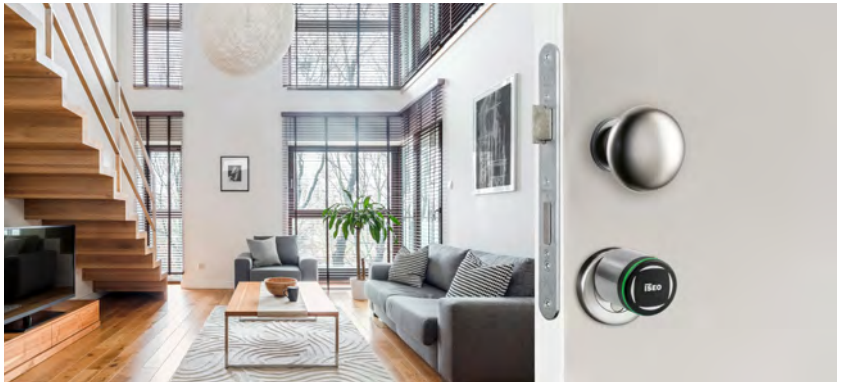
Accessories



ACCESSORY FOR ELECTRIC EMERGENCY
Package: 1 battery holder.
NOTE: BATTERIES NON INCLUDED.

1 0000IS00253

Libra X





Suitable for different applications

Thanks to its easy and straightforward installation, the Libra X electronic modular cylinder is the ideal universal solution for access control, both for retrofit applications replacing European profile mechanical cylinders and for installations on new doors.

Easy to install

Battery-powered operation and the absence of electrical wiring ensure maximum flexibility and low installation costs, both for new installations and retrofit applications on existing doors.

Product features

- Wake up by RFID card detection or phone (patented)
- Battery-operated device with charge status detection
- Low energy consumption device
- Permanently open mode (office mode) without extra battery consumption
- Memorize up to 300 users credentials
- Records the last 1000 events
- Real Time Clock/Calendar
- Light and acoustic signals
- Programming and software updates by ARGO App on iOS and Android devices
- Block the Standard Users allowing access only to VIP users

FINISH

Stainless

COLOUR

Matt black

Matt white

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

ACCESS CREDENTIALS
- Apple Watch
- Badge
- Bracelet
- Keyfob
- Smartphone

COMMUNICATION INTERFACE
- Bluetooth® Low Energy 5.1
- RFID ISO14443B/MIFARE ISO14443A

CERTIFICATIONS
- EN 15684:2020 Standard Duty version 16B40D30 (DESFire Cards)
- EN 15684:2020 Heavy Duty version 16B40D3D (DESFire Cards)
- SKG***for HD (Heavy Duty) version

Go to page

→ SELECTION GUIDE

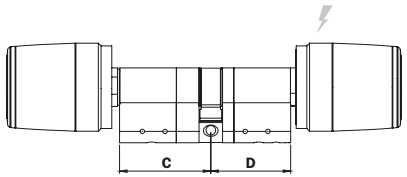
MODELS

→ Standard p. 56
→ Premium p. 57
→ Half p. 58
→ Double p. 59
→ Removable reader and Extension plug 16 mm p. 60
→ Removable reader and Extension plug 75 mm p. 61
→ Dummy-knob p. 62
→ Oval Australian p. 63
→ Oval Scandinavian p. 64

Libra X

Selection guide

The Libra X electronic modular cylinder represents the ideal and universal solution for access control both for retrofit installations to replace of mechanical European profile cylinders (in addition to the Australian and Scandinavian oval cylinder versions), and for installations on new doors.



ORDER THE PRODUCT IN A FEW STEPS

1

Check the door type and the dimensions of the cylinder (in the case of replacement on an existing door).

2

Choose the Libra model in the column on the right, generating the code thanks to the configurator on the product page.

3

Optional.
See accessory sheets for modifications and component replacements.

Choose from menu

- Pre-assembled modules
- Modular Libra assembled components
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-intrusion accessories
- Assembly/Disassembly tooling kit
- Assembly tooling kit for modular cylinders

Go to page

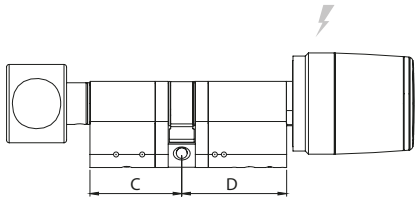
- **SELECTION GUIDE**

MODELS

- Standard p. 56
- Premium p. 57
- Half p. 58
- Double p. 59
- Removable reader and Extension plug 16 mm p. 60
- Removable reader and Extension plug 75 mm p. 61
- Dummy-knob p. 62
- Oval Australian p. 63
- Oval Scandinavian p. 64

Libra X Standard

MODULAR CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION) AND INTERNAL MECHANICAL KNOB (STANDARD TYPE)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

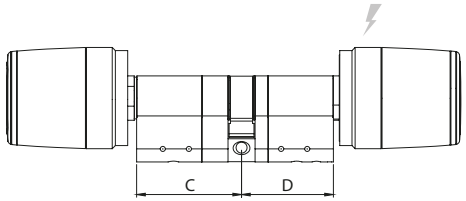
DIMENSIONS
Electronic knob dimensions:
- External diameter: 36 to 39 mm
- Length: 49 mm
“Standard” mechanical knob dimensions:
- External diameter: 30 mm
- Length: 31 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Premium

MODULAR CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION) AND INTERNAL MECHANICAL KNOB (PREMIUM TYPE)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

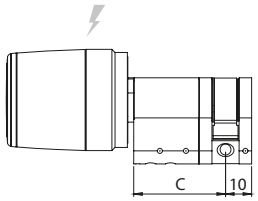
“Premium” mechanical knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Half

MODULAR HALF KNOB CYLINDER
WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH®
KNOB (FREE-ROTATING)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

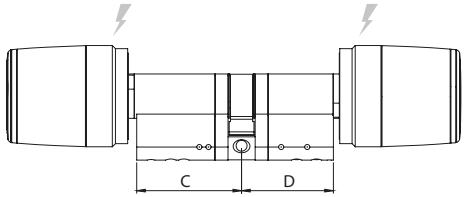
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Double

MODULAR CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE-ROTATING) AND INTERNAL ELECTRONIC KNOB (FREE-ROTATING)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

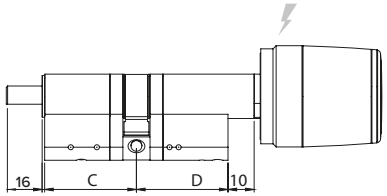
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Removable reader and Extension plug 16 mm

MODULAR CYLINDER FOR ARMORED DOORS WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION), COMPATIBLE WITH CYLINDERS ESCUTCHEON, EXTENSION PLUG AND PRE-ARRANGED FOR INTERNAL KNOB SHAFT D 8X16 mm



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

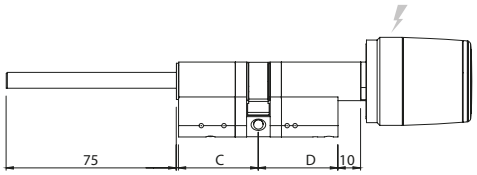
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Removable reader and Extension plug 75 mm

MODULAR CYLINDER FOR ARMORED DOORS WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION), COMPATIBLE WITH CYLINDERS ESCUTCHEON, EXTENSION PLUG AND PRE-ARRANGED FOR INTERNAL KNOB SHAFT D 8X75 mm



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

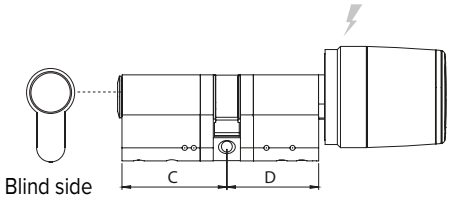
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Dummy-knob

MODULAR CYLINDER FOR ARMORED DOORS WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION) AND KNOB-DUMMY ON INTERNAL SIDE



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN 1303, DIN 18252)

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

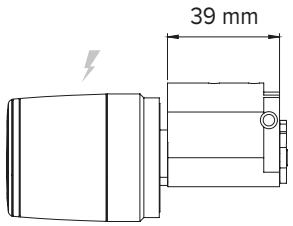
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Oval Australian

OVAL AUSTRALIAN ELECTRONIC CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with an Australian profile cylinder hole

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

PACKAGE
1 cylinder, 1 battery, 2 mm hex key, instruction sheet

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

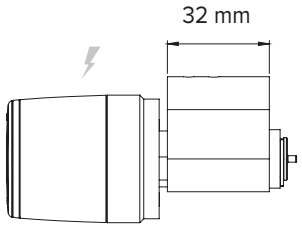
DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X Oval Scandinavian

OVAL SCANDINAVIAN ELECTRONIC CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION)



Technical features

FIRMWARE
1RIS

POWER UNIT
1 3V lithium battery type CR123

ESTIMATED BATTERY LIFE
Up to 2 years, up to 20.000 opening.
The figure is dependent on the mode and environment of use and the options activated.

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with all the mechanical locks equipped with a Scandinavian profile cylinder hole

MOUNTING
- On door

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-25°C ÷ +65°C

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

ACCESSORIES (NOT INCLUDED)
- Pre-assembled modules
- Assembled components Modular Libra
- Electronic knob spare parts
- Premium knob cover (RFID and mechanical version)
- Standard mechanical knob
- Anti-theft accessories
- Tool set for assembly/disassembly
- Modular cylinder mounting fixture
- Design packs

Code configurator | Accessories

DIMENSIONS
Electronic knob dimensions:
- External diameter from 36 to 39 mm
- Length: 49 mm

ONLINE CONTENT

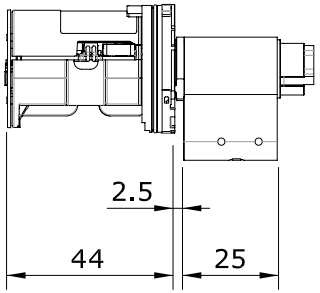
Web page
Data sheet
Leaflet
Installation guide
Specifications
Warnings

Libra X

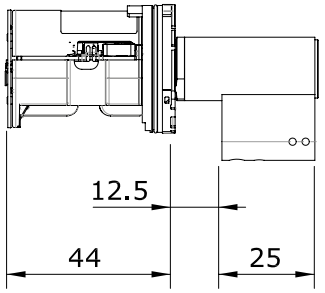
Accessories

PRE-ASSEMBLED MODULES (1/3)

EXTERNAL WITHOUT COVER.
Multistandard RFID reader (ISO14443A/ISO14443B 13,56 Mhz) on the outside.
IP protection degree IP66/IP67/IP68/IP69 for all versions. Available Heavy Duty version with drilling protection.
Packaging: 1 knob, 1 battery, fixing screw.

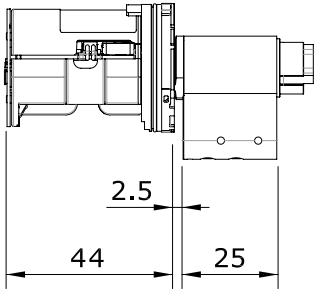


Electronic standard knob external side.
Nickel 1 8MX20K0009062

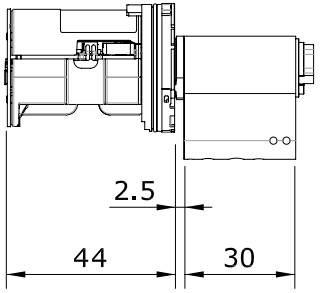


Electronic Heavy Duty knob external side removable
Nickel 1 8MX30K0009062

NOTE: to be coupled only with internal module for armoured door



Electronic Heavy Duty knob outer side.
Nickel 1 8MX10K0009062



Electronic Heavy Duty knob external side removable.
Nickel 1 8MX40K0009062

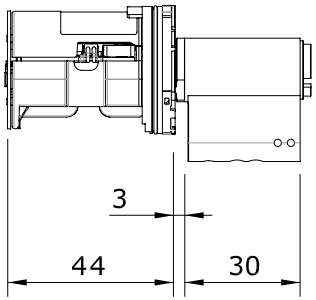
NOTE: to be coupled only with internal module for armoured door

Libra X

Accessories

PRE-ASSEMBLED MODULE (2/3)

INTERNAL WITHOUT COVER.
Multistandard RFID reader (ISO14443A/ISO14443B 13,56 Mhz) on the inside.
IP protection degree IP66/IP67/IP68/IP69 for all versions.
Packaging: 1 knob, 1 battery, fixing screw.



Electronic knob inside 35 mm.

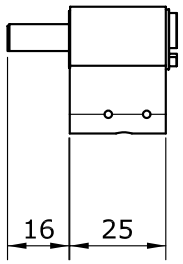
Nickel	1	8MX20K1009062

Libra X

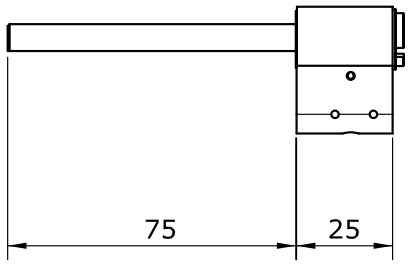
Accessories

PRE-ASSEMBLED MODULE (3/3)

INTERNAL WITHOUT KNOB.
Packaging: 1 module.

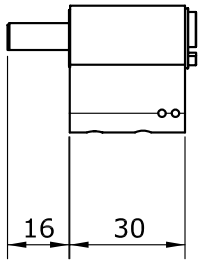


Shaft internal module 16 mm.
Nickel 1 8MX26K1009000



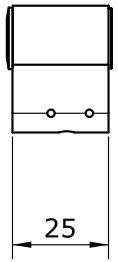
Shaft internal module 75 mm for armored door
Nickel 1 8MX3DK1009000

NOTE: to be coupled only with external module for armoured door

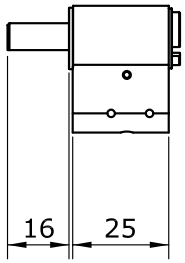


Shaft internal module 16 mm. For Panic.
Nickel 1 8MX26K1009000P

NOTE: to be coupled only with external module for armoured door

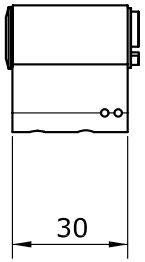


Module internal side for blind version: Libra LE60 Dummy Knob.
Nickel 1 8MX2CK1009000



Shaft internal module 16 mm for armoured door.
Nickel 1 8MX36K1009000

NOTE: to be coupled only with external module for armoured door

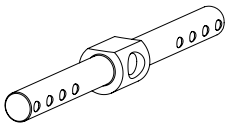


Module internal side for blind version: Libra LE60 Dummy Knob.
For Panic.
Nickel 1 8MX2CK1009000P

Libra X

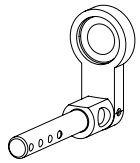
Accessories

MODULAR LIBRA ASSEMBLED COMPONENTS



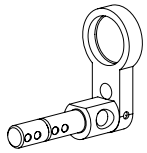
Kit 5 pcs. connecting bar for double cylinder.

3030 / 3035 / 3535	0033230
3040 / 3045 / 3540 / 3545	0033240
4040 / 4045 / 4545	0033250
3050 / 3055 / 3550 / 3555	0033260
3060 / 3065 / 3560 / 3565	0033270
4050 / 4055 / 4550 / 4555	0033280
5050 / 5055 / 5555	0033290
3070 / 3075 / 3570 / 3575	0033300
4060 / 4065 / 4560 / 4565	0033310
3080 / 3085 / 3580 / 3585	0033320
4070 / 4075 / 4570 / 4575	0033330
5060 / 5065 / 5560 / 5565	0033340
6060 / 6065 / 6565	0033350
3090 / 3095 / 3590 / 3595	0033360
4080 / 4085 / 4580 / 4585	0033370
5070 / 5075 / 5570 / 5575	0033380
4090 / 4095 / 4590 / 4595	0033390
5080 / 5085 / 5580 / 5585	0033400
6070 / 6075 / 6570 / 6575	0033410



Kit 5 pcs. connecting bar for single cylinder.

3010 / 3510	0033450
4010 / 4510	0033460
5010 / 5510	0033470
6010 / 6510	0033480
7010 / 7510	0033490
8010 / 8510	0033500
9010 / 9510	0033510



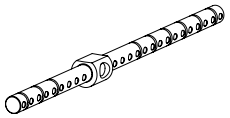
Kit 5 pcs. connecting bar for single cylinder.
removable external control

3510	0033936
4010	0033937
4510	0033938
5010	0033939
5510	0033940
6010	0033941
6510	0033942
7010	0033943
7510	0033944
8010	0033945
8510	0033946
9010	0033947

Libra X

Accessories

MODULAR LIBRA ASSEMBLED COMPONENTS



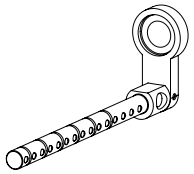
Universal connecting bar for standard version (8MK10*/8MK20* / 8MK18*/8MK28*/8MK1C*/8MK2C*)

Kit 2 pcs. 30÷60/30÷90	0033520
Kit 2 pcs. 30÷80/30÷180	0033552
Kit 2 pcs. 30÷130/30÷130	0033553

Universal connecting bar for special version

Kit 2 pcs. side with special function 35÷85 / 30÷90 standard side	0033935
Kit 2 pcs. side with special function 40÷90 / 30÷90 standard side	0033934

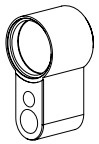
can only be cut every 10 mm



Universal connecting bar, single profile cylinder (image given for illustrative purposes only).

Kit 2 pcs. 30÷90/10 stainless steel	0033530
Kit 2 pcs. 95÷180/10 stainless steel	0033551

Connecting bar 0033551 is drilled from 95 mm



Extension for cylinder body.

Kit 5 pcs. body extension 5 mm	0034211
Kit 5 pcs. body extension 10 mm	0034212
Kit 5 pcs. body extension 15 mm	0034213
Kit 5 pcs. body extension 20 mm	0034214
Kit 5 pcs. body extension 40 mm	0034215



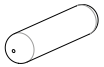
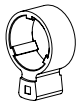
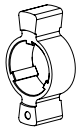
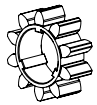
Extension for cylinder body.

Kit 5 pcs. body extension 5 mm	0033911
Kit 5 pcs. body extension 10 mm	0033912
Kit 5 pcs. body extension 15 mm	0033913
Kit 5 pcs. body extension 20 mm	0033914
Kit 5 pcs. body extension 40 mm	0033915
Kit 5 pcs. body extension 80 mm	0033916

Libra X

Accessories

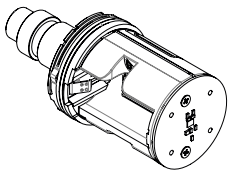
MODULAR LIBRA ASSEMBLED COMPONENTS

	Kit 100 pcs. steel fixing pins		0033740
	Kit 100 pcs. connecting ring		0033917
	Kit 100 pcs. 2 Set caps electronic modular cylinder Libra body		0033919
	Kit 10 pcs. Cam plug for the cylinder Libra Modular mono		0033927
	Kit 10 pcs. Cam. 0° for knob modular cylinder Libra stainless steel		0033918
	1 pcs Cam BIFFAR modular cylinder Libra stainless steel	1	0033933
	Cogwheel Z= 10 7,8 mm modular for cylinder Libra stainless steel	1	0033929
	Cogwheel Z= 18 7,8 mm modular for cylinder Libra stainless steel	1	0033928

Libra X

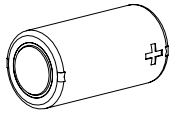
Accessories

ELECTRONIC KNOB SPARE PARTS



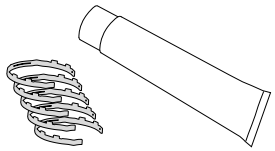
Libra X Rotors, without cover, without battery.

External rotor Libra Standard	1	0034204
External rotor Heavy Duty	1	0034205
Internal rotor Libra Double	1	0034206



BATTERY (compatible only with Libra X)

Lythium battery FDK CR17335EF 3V 1400 mAh	1	0033960



KIT WITH COVER RETAINING RING AND GREASE

Recommended spare kit for replacing the cover retaining ring and lubricating the rubber O-ring.

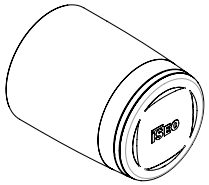
Package contents: 5 retaining rings, 1 tube of grease.

	1	0034216

Libra X

Accessories

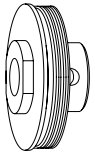
“PREMIUM” KNOB COVER (RFID AND MECHANICAL VERSIONS)



“PREMIUM” KNOB COVER

Suitable both for RFID reader knob and “Premium” mechanical knob.

Inox - Matte White	2	0444624
Inox - Matte Black	2	0444625
Kit 5 pz Inox - Matte White	1	0444724
Kit 5 pz Inox - Matte Black	1	0444725



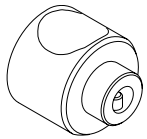
ADAPTER FOR MECHANICAL PREMIUM KNOB

It allows the usage of the Premium covers as mechanical inside knobs.

Package: 1 adaptor, 1 fixing screw.

	10	0444640
Kit 5 pcs	1	0444740

“STANDARD” MECHANICAL KNOB



“STANDARD” MECHANICAL KNOB

Internal mechanical knob.

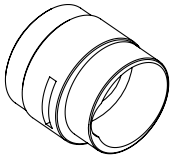
Packaging: 1 knob, 1 battery, fixing screw.

Inox	10	044232
Kit 5 pcs Inox	1	044322

Libra X

Accessories

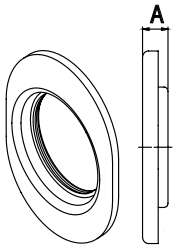
ANTI-INTRUSION ACCESSORIES



ANTI-INTRUSION PROTECTION KIT

For Libra cylinder, for armoured doors.

Satin inox	1	044252



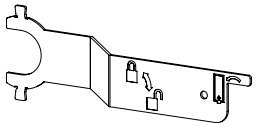
ANTI-INTRUSION ESCUTCHEON KIT

For Libra cylinder, for armoured doors.

A= 13 mm, satin inox	1	044262
A= 17 mm, satin inox	1	044272

Libra X

Accessories

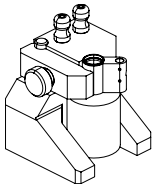


LIBRA X KNOB ASSEMBLY/DISASSEMBLY TOOL

ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER
Necessary for battery replacement.
Package: 1 tool, instruction sheet
PLEASE NOTE: tool set not included with the Libra X. To order separately.

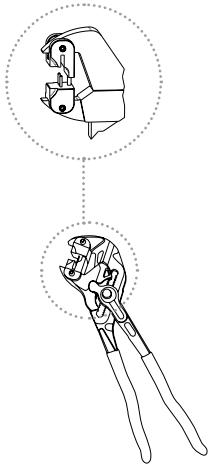
	1	003140

ASSEMBLY TOOLING KIT FOR MODULAR CYLINDERS



INSTALLATION TOOL FOR MODULAR CYLINDER LE60
Tool necessary for the assembly of modular cylinders.
Package: installation tool, 2 blocking pins
NOTE: the cylinders are supplied WITHOUT this tool. ORDER SEPARATELY.

	1	0033097



Pin driver tool on modular cylinder clamp	1	0033094

Relay 2.0





Make your access points smart

Relay allows to open electric locks, motorized gate or any electrical actuator which can be activated closing a contact.

Concealed installation

Relay device can have an integrated or external Bluetooth® antenna, in order to install the device even in unconventional installation spaces: the antenna can be installed in another point and connected to the device.

Product features

- Allows to open electric locks, motorized gate or any electrical actuator which can be activated closing a contact.
- REX (REquest to eXit) is and Opto-insulated input to open the relay with a button distant up to 100 meters.
- 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. It can be configured for different functions.
- Real Time Clock/Calendar
- Software upgradeable on-site via Bluetooth® phone (Stand Alone)

ENVIRONMENTAL FEATURES
- H.R. 95% max senza condensa

ACCESS CREDENTIALS
- Smartphone

COMMUNICATION INTERFACE
- Bluetooth® Low Energy 5.1

Go to page

→ SELECTION GUIDE

MODELS

→ Built in Bluetooth® p. 77

→ External Bluetooth® (max 3 meters) p. 78

Relay 2.0

Selection guide

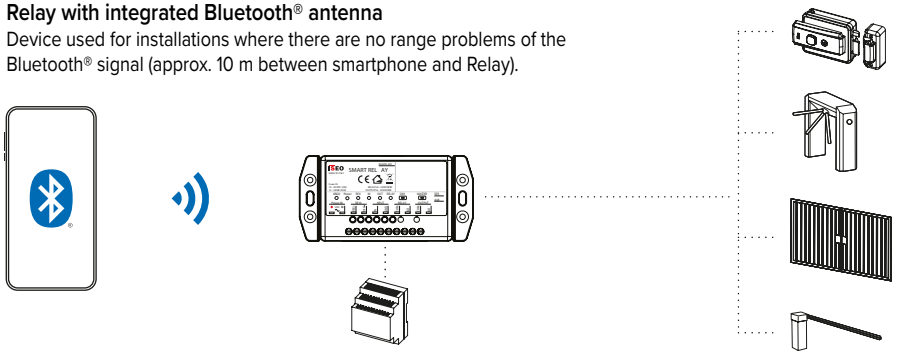
Relay controls electric locks, motorised gates or any electrical actuator that can be activated by closing a contact. The Relay closes a contact if a smartphone has been registered on the device. Smart Relay is available in two versions, which adapt to different installation requirements.

ORDER THE PRODUCT IN A FEW STEPS

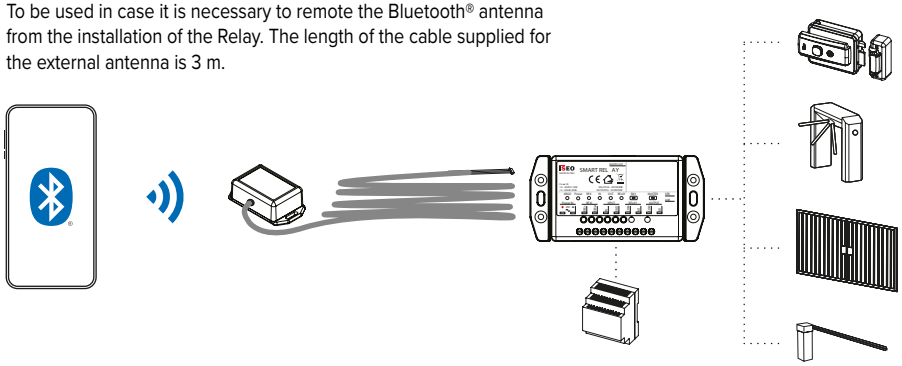
1

Choose the appropriate template for your application and click in the column on the right :

Relay with integrated Bluetooth® antenna
Device used for installations where there are no range problems of the Bluetooth® signal (approx. 10 m between smartphone and Relay).



Relay with external Bluetooth® antenna
To be used in case it is necessary to remote the Bluetooth® antenna from the installation of the Relay. The length of the cable supplied for the external antenna is 3 m.



Go to page

- SELECTION GUIDE

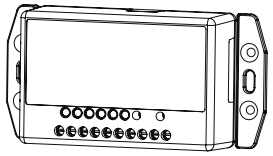
MODELS

→ Built in Bluetooth® p. 77

→ External Bluetooth® (max 3 meters) p. 78

V364 **Relay 2.0** Built in Bluetooth®

CONNECTED ACTUATOR
WITH BUILT IN BLUETOOTH®



Technical features

FIRMWARE
1RIS

RELEASE
2.0

POWER UNIT
10÷30 Vdc (2W)
12÷24 Vac (4VA)

HARDWARE SPECIFICATIONS
- 2 INPUTS: REX (Request to Exit = opening command) and configurable INPUT
- 2 OUTPUTS: RELAY 5 A and Signal Relay 1 A Configurable

MOUNTING
- Wall mounted
- DIN Rail 35 mounted
- Flush mounted

ENVIRONMENTAL FEATURES
- H.R. max. 95% without condensing

WORKING TEMPERATURE
-25°C ÷ +70°C

STORAGE TEMPERATURE
-25°C ÷ +70°C

PACKAGE
1 Relay, 1 Plastic pin to setup Programming Mode, 1 DIN rail mounting clip
with screws, 1 Installation guide (EN/IT)

cod. **5E066501**

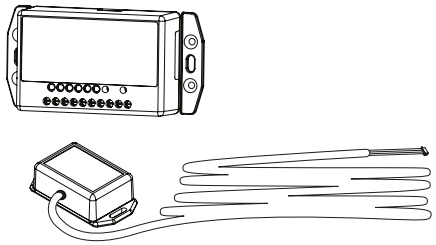
DIMENSIONS
- Width: 109mm
- Height: 53mm
- Thickness: 26mm

ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications

V364 **Relay 2.0** External Bluetooth® (max 3 meters)

CONNECTED ACTUATOR WITH EXTERNAL BLUETOOTH®



Technical features

FIRMWARE
1RIS

RELEASE
2.0

POWER UNIT
10÷30 Vdc (2W)
12÷24 Vac (4VA)

HARDWARE SPECIFICATIONS
- 2 INPUTS: REX (Request to Exit = opening command) and configurable INPUT
- 2 OUTPUTS: RELAY 5 A and Signal Relay 1 A Configurable

MOUNTING
- Wall mounted
- DIN Rail 35 mounted

WORKING TEMPERATURE
-25°C ÷ +70°C

STORAGE TEMPERATURE
-25°C ÷ +70°C

PACKAGE
1 Relay, 1 Plastic pin to setup Programming Mode, 1 DIN rail mounting clip
with screws, 1 Bluetooth® remote module with 3 meters cable, 1 Installation guide (EN/IT)

cod. **5E065502**

DIMENSIONS

Relay's dimensions:
- Width: 109mm
- Height: 53mm
- Depth: 26 mm

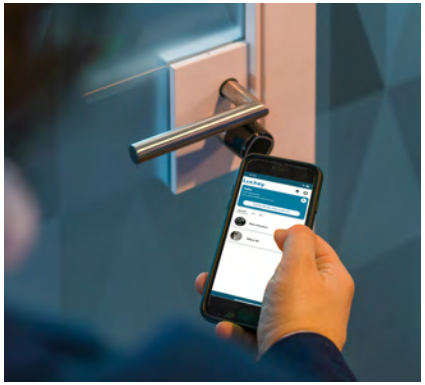
Bluetooth® Antenna's dimensions:
- Width: 65mm
- Height: 35mm
- Depth: 15mm

ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications

Other devices





Increases the capabilities of the Luckey system by Sofia, part of ISEO

ISEO offers an advanced range of devices that, when integrated with the access control system, create tailored solutions for the real estate sector and buildings with shared spaces. These devices expand the functionalities of Sofia's Luckey system, allowing, for example, real-time monitoring of resources such as meeting rooms. Thanks to smartphone connectivity, users can efficiently and securely manage access, bringing a new dimension to the use of shared spaces. The synergy between ISEO's access control devices and environmental management solutions creates an integrated ecosystem, optimizing the security and usability of buildings, meeting the needs of modern real estate.

Go to page

MODELS

→ Touch Panels Hyper Touch Panel 10” Bluetooth® p. 80

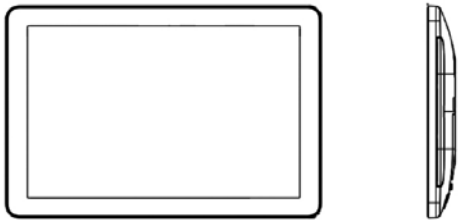
→ Sensors Hypersensor-DS Bluetooth® p. 81

→ Tags NFC+QR HyperTag p. 82

→ Desk USB2 Desk RFID UID Reader MIFARE p. 83

Sofia Touch Panels Hyper Touch Panel 10" Bluetooth®

10 INCH TOUCH PANEL WITH BLUETOOTH® FOR MANAGING AND CONTROLLING ROOM ACCESS FUNCTIONS



Technical features

FIRMWARE
SOFIA

POWER UNIT
AC Input 100-240V AC 50-60Hz

HARDWARE SPECIFICATIONS
- Standard Webcam: 8MP, Max Resolution: 1920x1080
- Speaker: Standard: 2x 0.8W - Value: 2x 2W
- Audio Standard: 2x built-in Digital Microphones - Value: 1x built-in Analog Microphone
- 8GB SD Card SDCIT/8GBSP
- Ports: 1x USB 3.0 support (900mA), Type C USB output, Micro SD slot, GPIO, Ethernet 1x LAN (Gigabit), DC in

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- Bluetooth 5.0
- AES 256 bits encryption
- Indoor coverage: approx. 10 m*

*The total distance of Bluetooth transmission may vary depending on the location of HyperGate Pro and the surrounding environment. For example, walls, doors, glass surfaces can reduce or interrupt communication between Smart Locks and HyperGate Pro

MOUNTING
- Wall mounted

WORKING TEMPERATURE
0°C ÷ +40°C

STORAGE TEMPERATURE
-20°C ÷ +50°C

PACKAGE
1 Touch panel
1 Power Supply AC input voltage: 100-240 VAC; Input frequency: 50-60Hz

cod. **004S106**

DIMENSIONS
Width: 252.9 mm
Height: 169.0 mm
Depth: 22.1 mm

Weight
0.8 kg

ONLINE CONTENT

Web page
Data sheet
Specifications

Sofia Sensors Hypersensor-DS BLE5

DOOR STATUS SENSOR (INTEGRATED INTO HYPERGATE) FOR MONITORING DOORS, WINDOWS OR ANY OTHER OBJECT YOU WANT TO MONITOR IN TERMS OF OPENING OR CLOSING





Technical features

FIRMWARE
SOFIA

POWER UNIT
1 CR2032 type 3V lithium battery

HARDWARE SPECIFICATIONS
- Receiver sensitivity: -97 dBm @1Mbps, 0.1% BER
- Maximum transmit power +4dBm
- Indoor range: Average 10m*
- * Bluetooth transmission total distance may vary depending on HyperSensor location and surrounding environment

MOUNTING
- Wall mounted
- On door

ENVIRONMENTAL FEATURES
- IP67

WORKING TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 sensor
1 magnet

cod. **004S108**

DIMENSIONS
Sensor Dimensions:
3.8cm x 3.8cm x 0.9cm
Separate Magnet Dimensions:
2.5cm x 0.8cm x 0.7 cm

Weight
12 g

ONLINE CONTENT

Web page
Data sheet
Specifications

Sofia Tags NFC+QR HyperTag

TAG FOR OPENING WITH NFC AND QR CODE ON EVERY TYPE OF LOCK AND DOOR



Technical features

FIRMWARE
SOFIA

HARDWARE SPECIFICATIONS
- NXP NTAG213 ISO/IEC 14443-A Type 2
- Communication rate: 106 kbit/s
- 1 central hole for M3 screws

PRODUCT COMPATIBILITY
- HyperTag can be applied with different fixing methods:
- 3M adhesive (optional)
- fixed with M3 screw
- fixed with cable tie (maximum width 3mm)

ENVIRONMENTAL FEATURES
- IP68

WORKING TEMPERATURE
-35°C ÷ +85°C

STORAGE TEMPERATURE
-35°C ÷ +85°C

PACKAGE
1 Tag

cod. **004S101**

DIMENSIONS
Height: 27mm
Width: 27mm
Thickness: 5.5mm

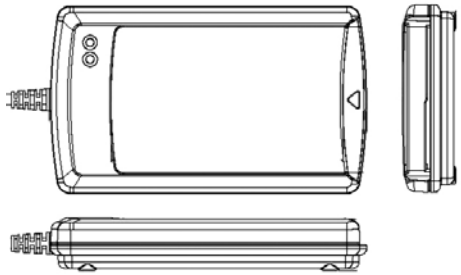
Weight
4,3 g

ONLINE CONTENT

Web page
Data sheet
Specifications

Sofia Desk USB2 Desk RFID UID Reader MIFARE

CONTACTLESS UID READER
OF RFID CARDS OR NFC TAGS



Technical features

FIRMWARE
SOFIA

HARDWARE SPECIFICATIONS
- USB 2.0 Full Speed Interface
- USB HID Keyboard Class Emulation
- Operating Frequency 13.56 Mhz
- Read speed up to 848 kbps
- Read distance up to 50 mm (depending on Tag's antenna)

ALERTS
- LEDs: 1 Green, 1 Red
- Multi-frequency buzzer

PRODUCT COMPATIBILITY
- Compatible with ISEO Connected locks when connected to Luckey
- Compatible with operating systems: Windows®, Mac OS®, Linux, Android™

MOUNTING
- Desktop

ENVIRONMENTAL FEATURES
- H.R. 90% max.

WORKING TEMPERATURE
0°C ÷ +50°C

PACKAGE
1 Reader, instruction sheet

cod. **004S107**

DIMENSIONS
120.5 x 72 x 20.4 mm

Weight
140 g

ONLINE CONTENT

Web page
Data sheet
Specifications

Search by device

F9000 mechatronic keys, cylinders and padlocks



F9000 Cylinders V3

The F9000 mechatronic cylinder shares the same installation characteristics and easy maintenance as the mechanical one.

p. 85



F9000 Padlocks V3

The ISEO F9000 mechatronic padlocks are designed to secure access to doors, gates or any other application where traditional padlocks are used.

p. 108

Complementary mechanical products



F9000 Keys

Equipped with a Bluetooth® module and connected to ISEO's apps, the mechatronic key provides a wide range of services to the user.

p. 121



F9000 Readers and validators

Devices capable of reading and validating F9000 keys, available in various shapes and types, to meet different installation and environmental requirements.

p. 132



F9 Cylinders

The F9 cylinder, thanks to the extensive variety of available mechanical profiles, has excellent potential for the creation of master key systems according to security standards.

p. 98

F9000 Cylinders V3





A flexible and safe solution to protect your environments

F9000 combines the high security of mechanics with the flexibility of electronics. F9000 V3 cylinder offers the state of the art in terms of technology evolution and security.
It embeds a new powerful micro-processor for security improvements (AES encryption ready) and it's ready for new market needs and features (future proof).

Access all gates with a single key

F9000 mechatronic cylinder has the same installation and easy maintenance features as a mechanical one because it doesn't require any wiring or batteries in the cylinder. It is the ideal solution for the control of gates in any private and public building and for the management of common areas and entrances (from the single room to the building).

Product's functions

- Each key has customized access right which can be modified at any time according to the different
- building management needs.
- Energy is on the key and it doesn't require any wiring.
- AES Encryption ready
- Unique non duplicable key with customized authorizations
- Fast key authentication (< 80 ms)
- Storage of opening and forcing events in the key (1000 standard events)
- Up to 120.000 keys in a single system
- Temporal validity and time slots

FINISH

Nickel plated

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- Max. 93% without condensing

ACCESS CREDENTIALS
- Mechatronic Key

COMMUNICATION INTERFACE
- Data and energy transfer without electrical contact

CERTIFICAZIONI
- EN 15684:2020 classification "16B46D3D"
- Compliance with ATEX Directive 2014/34/EU: classification "Ex II 2 G Ex ib IIB T4 Gb"

Go to page

→ SELECTION GUIDE

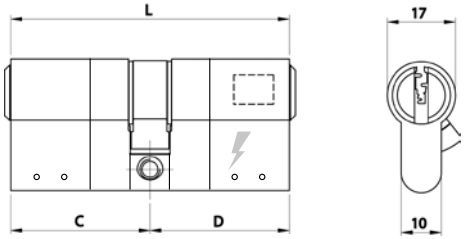
MODELS

→ Standard p. 87
→ Standard Free Cam p. 88
→ Double p. 89
→ Double Free Cam p. 90
→ Knob p. 91
→ Half p. 92
→ Oval Scandinavian p. 93
→ External rim nickel-plated, diam. 35 mm, U.S. type p. 94
→ External rim nickel-plated, diam. 40 mm p. 95
→ Round threaded nickel-plated p. 96
→ Threaded nickel-plated M26, with signalling microswitch p. 97

F9000 Cylinders V3

Selection guide

The F9000 mechatronic cylinder has the same installlation of a standard mechanical cylinder and shares the same ease of maintenance due to the absence of electrical wiring and batteries within the cylinder.
It is compatible with all mechanical cylinders in the CSF system, allowing the creation of mixed systems with varying security levels based on the importance of the access points to be controlled.



ORDER THE PRODUCT IN A FEW STEPS

1

Check the door type and the dimensions of the cylinder
(in the case of replacement on an existing door)

2

Choose the F9000 Cylinders LE60 V3 model
in the column on the right, generating the code thanks to the configurator on the product page.

3

Optional.
See accessory sheets for modifications and component replacements.

Choose from menu

Modular F9000/F9 assembled components

Assembly tooling kit for F9000/F9 modular cylinders

Go to page

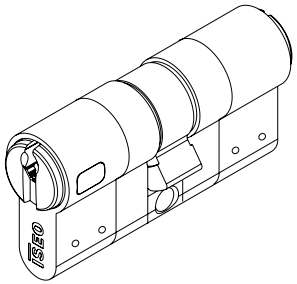
SELECTION GUIDE

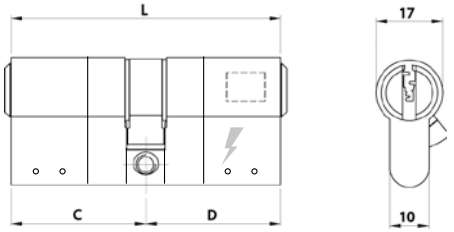
MODELS

→ Standard p. 87
→ Standard Free Cam p. 88
→ Double p. 89
→ Double Free Cam p. 90
→ Knob p. 91
→ Half p. 92
→ Oval Scandinavian p. 93
→ External rim nickel-plated, diam. 35 mm, U.S. type p. 94
→ External rim nickel-plated, diam. 40 mm p. 95
→ Round threaded nickel-plated p. 96
→ Threaded nickel-plated M26, with signalling microswitch p. 97

F9000 Cylinders V3 Standard

LE60 MODULAR CYLINDER, DOUBLE NICKEL-PLATED EUROPEAN PROFILE, MECHATRONIC ON ONE SIDE ONLY





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile non-duplicable key, MK coding, 30° DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

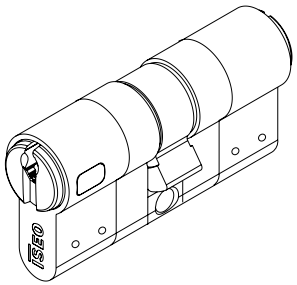
Code configurator

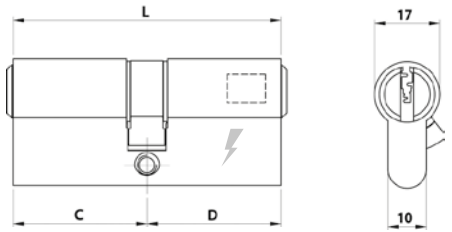
ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications

F9000 Cylinders V3 Standard Free Cam

LE60 MODULAR CYLINDER, DOUBLE NICKEL-PLATED EUROPEAN PROFILE, SINGLE-SIDED MECHATRONIC, FREE CAM





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile non-duplicable key, MK coding, 30° DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

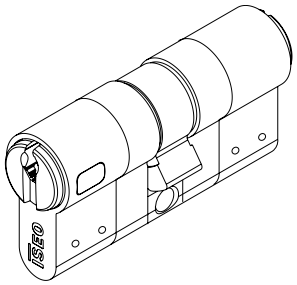
Code configurator

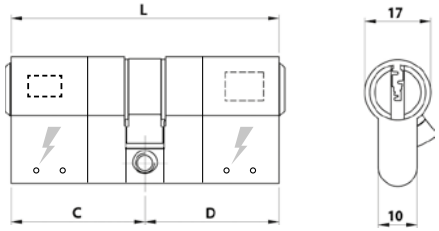
ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications

F9000 Cylinders V3 Double

LE60 MODULAR CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON BOTH SIDES





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile non-duplicable key, MK coding, 30° DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

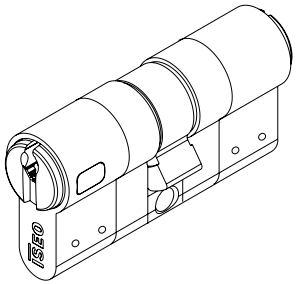
Code configurator

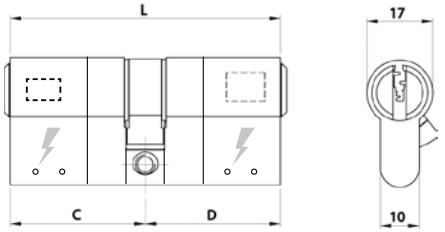
ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications

F9000 Cylinders V3 Double Free Cam

LE60 MODULAR CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON BOTH SIDES, FREE CAM





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile non-duplicable key, MK coding, 30° DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

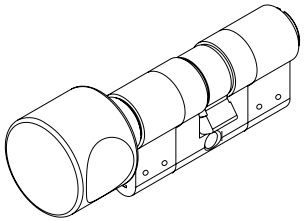
Code configurator

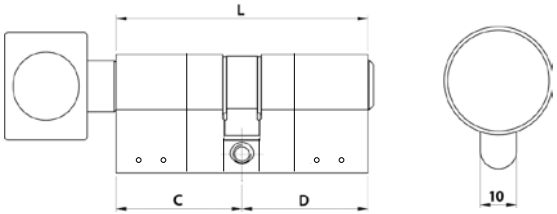
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F9000 Cylinders V3 Knob

LE60 MODULAR CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON ONE SIDE ONLY,
ROUND KNOB ON THE MECHANICAL SIDE





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile non-duplicable key, MK coding, 30° DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

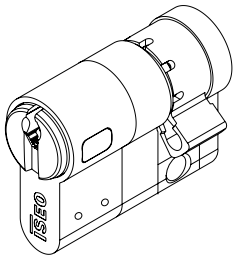
Code configurator

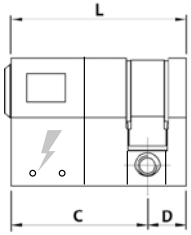
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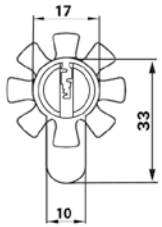
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F9000 Cylinders V3 Half

LE60 MODULAR CYLINDER, MECHATRONIC NICKEL-PLATED EUROPEAN MONOPROFILE







Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile, non-duplicable key, 8-position DIN cam. Fixing screw
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series
- Modular LE60 system for maximum installation flexibility

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

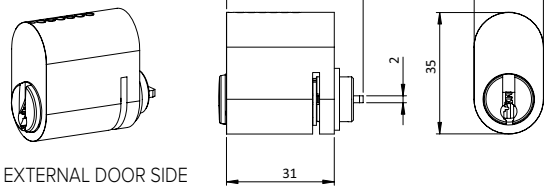
Code configurator

ONLINE CONTENT

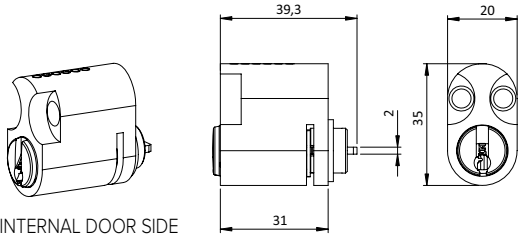
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F9000 Cylinders V3 Oval Scandinavian

MECHATRONIC NICKEL-PLATED SCANDINAVIAN OVAL CYLINDER



EXTERNAL DOOR SIDE



INTERNAL DOOR SIDE

Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Conventional multi-profile, non-duplicable key. MK coding
- External and internal door side versions. Fixing screws
- New processor for security improvement (AES encryption ready)

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compatible with all high security mechanical cylinders of the ISEO CSF series

MOUNTING
- It is installed like a mechanical cylinder, with a single fixing screw

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

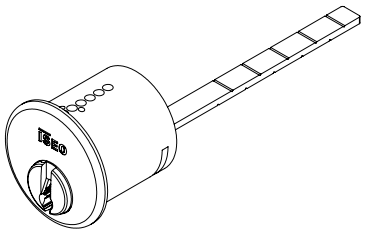
Code configurator

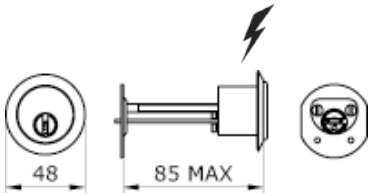
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F9000 Cylinders V3 External rim nickel-plated, diam. 35 mm, U.S. type

MECHATRONIC VERSION.
CONVENTIONAL MULTI-PROFILE,
NON-DUPLICABLE KEY.





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- To be used with rim locks without external cylinder
- Screws for inside fixing
- For doors max thickness mm 85

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

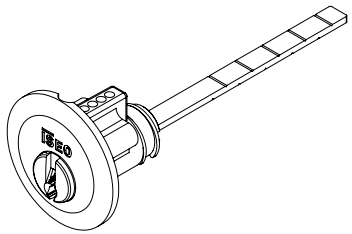
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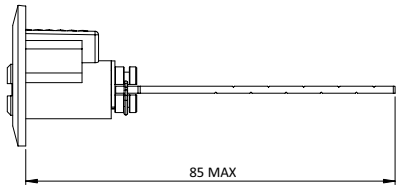
ONLINE CONTENT

Web page
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Specifications

F9000 Cylinders V3 External rim nickel-plated, diam. 40 mm

MECHATRONIC VERSION.
CONVENTIONAL MULTI-PROFILE,
NON-DUPLICABLE KEY.





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- To be used with rim locks without external cylinder
- Screws for inside fixing
- For doors max thickness mm 85

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
1 Mechatronic Cylinder, without keys

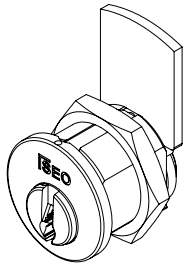
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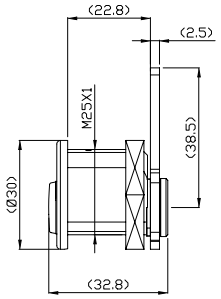
ONLINE CONTENT

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F9000 Cylinders V3 Round threaded nickel-plated

WITHOUT KEYS. MECHATRONIC VERSION.
CONVENTIONAL MULTI-PROFILE,
NON-DUPLICABLE KEY.
SCREW NUT FOR INSIDE FIXING.





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Screw nut for inside fixing

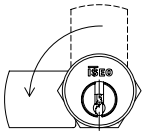
ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

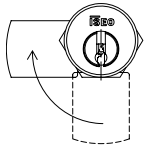
PACKAGE
1 Mechatronic Cylinder, without keys

Left-hand rotation version



87VA23F259M.E

Right-hand rotation version



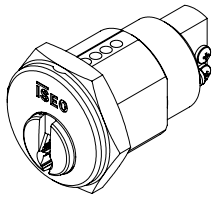
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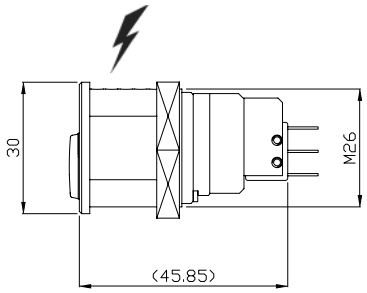
ONLINE CONTENT

Web page
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Installation guide
Specifications

F9000 Cylinders V3 Threaded nickel-plated M26, with signalling microswitch

WITHOUT KEYS. MECHATRONIC VERSION.
CONVENTIONAL MULTI-PROFILE, NON-DUPLICABLE KEY.
WELDING BACK ENDS/2 MM FASTON AND NORMALLY OPEN/CLOSED SWITCH DEVIATORS.
SCREW NUT FOR INSIDE FIXING.





Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Welding back ends/2 mm Faston and normally
- open/closed switch deviators
- Screw nut for inside fixing

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

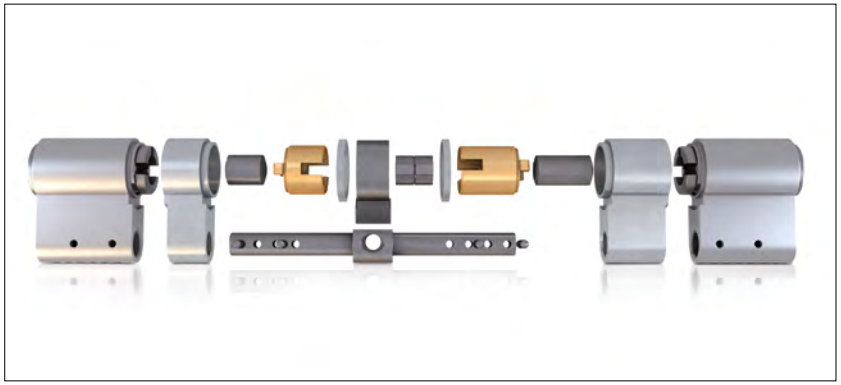
PACKAGE
1 Mechatronic Cylinder, without keys

cod. 87VA26M259M

ONLINE CONTENT

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Specifications

F9 Cylinders





Simple and robust

The vertical key-operated mechanical cylinder CSF F9, protected by a trademark, allows for the control of the distribution of blanks (available only at authorized distributors). It provides good protection against external attacks thanks to specific devices located within the cylinder. Authorized duplication is obtained upon presentation of the Property Card.

Peace of mind with the highest level of security

The F9 cylinder, thanks to the large number of available mechanical profiles, has excellent potential for the creation of master key systems according to safety standards.

Product features

- Cylinder body and cylinder core made of brass in the standard matte nickel-plated version.
- Suitable for installation on fire doors.
- Coding pins in stainless steel.
- Counter-pins in brass.
- Springs in stainless steel.
- Euro-profile cylinder (standard).
- Locking cam made of sintered steel.
- Locking cam in a minimum 30° position (according to DIN).
- Each cylinder contains 2 anti-picking counter-pins.
- Each cylinder has 2 profiled pins that interact with the key blade.
- Drill-resistant protection consists of a hardened steel pin in the cylinder body.
- Harmonic steel bar to increase resistance to breaking and pulling.

CERTIFICATIONS
- DIN EN 1303: 2015-08
  (1|6|0|B|0|C|6|0)

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→ SELECTION GUIDE

MODELS

→ European double profile p. 100

→ European double profile, free cam p. 101

→ European double profile, round knob p. 102

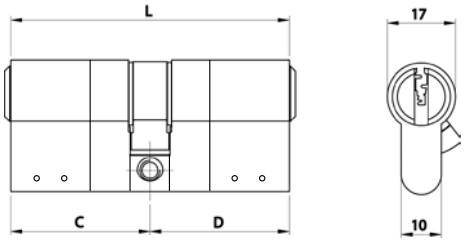
→ European single profile p. 103

→ Oval Scandinavian p. 104

F9 Cylinders

Selection guide

The F9 cylinder, thanks to the wide range of available mechanical profiles, has excellent potential for creating master key systems according to security standards.



ORDER THE PRODUCT IN A FEW STEPS

1

Check the door type and the dimensions of the cylinder
(in the case of replacement on an existing door)

2

Choose the F9 Cylinders LE60 V3 model
in the column on the right, generating the code thanks to the configurator on the product page.

3

Optional.
See accessory sheets for modifications and component replacements.

Choose from menu

Modular F9000/F9 assembled components

Assembly tooling kit for F9000/F9 modular cylinders

Go to page

SELECTION GUIDE

MODELS

→ European double profile p. 100

→ European double profile, free cam p. 101

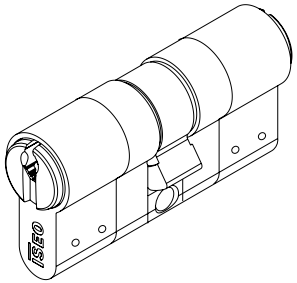
→ European double profile, round knob p. 102

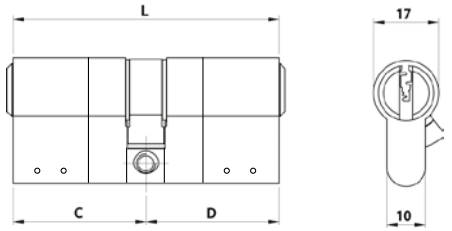
→ European single profile p. 103

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F9 Cylinders European double profile

LE60 MODULAR CYLINDER, EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER





Technical features

HARDWARE SPECIFICATIONS
- Mechanical version. 6-pin coding, conventional system
- Protected key and registered profile
- Anti-drill device in the cylinder body. Stainless steel top pins
- 30° DIN cam. Fixing screw

PRODUCT COMPATIBILITY
- F9 Mechanical Key
- F9000 Mechatronic Key
- Modular LE60 system for maximum installation flexibility

PACKAGE
1 cylinder, without keys

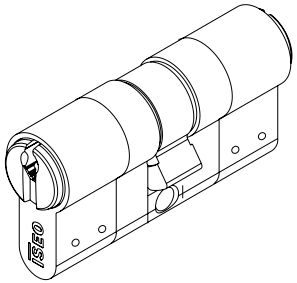
Code configurator
Accessories

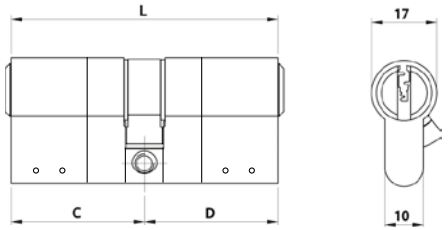
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F9 Cylinders European double profile, free cam

LE60 MODULAR CYLINDER, EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER, FREE CAM





Technical features

HARDWARE SPECIFICATIONS
- Mechanical version. 6-pin coding, conventional system
- Protected key and registered profile
- Anti-drill device in the cylinder body. Stainless steel top pins
- 30° DIN cam. Fixing screw

PACKAGE
1 cylinder, without keys

ACCESSORIES (NOT INCLUDED)
- F9 Mechanical Key
- F9000 Mechatronic Key

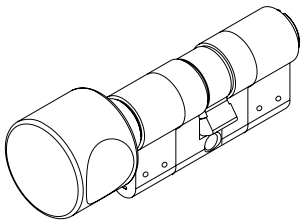
Code configurator
Accessories

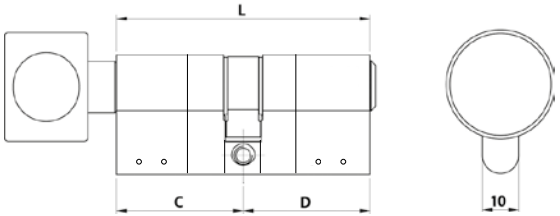
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F9 Cylinders European double profile, round knob

LE60 MODULAR CYLINDER, EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER, ROUND KNOB





Technical features

HARDWARE SPECIFICATIONS
- Mechanical version. 6-pin coding, conventional system
- Protected key and registered profile
- Anti-drill device in the cylinder body. Stainless steel top pins
- 30° DIN cam. Fixing screw

PRODUCT COMPATIBILITY
- F9 Mechanical Key
- F9000 Mechatronic Key

PACKAGE
1 cylinder, without keys

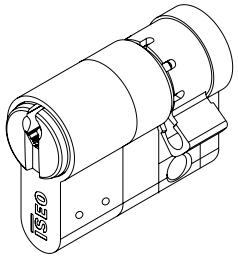
Code configurator
Accessories

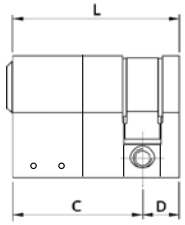
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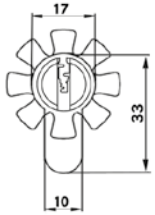
Web page
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Data sheet

F9 Cylinders European single profile

LE60 MODULAR CYLINDER, EUROPEAN SINGLE PROFILE NICKEL-PLATED CYLINDER







Technical features

HARDWARE SPECIFICATIONS
- Mechanical version. 6-pin coding, conventional system
- Protected key and registered profile
- Anti-drill device in the cylinder body. Stainless steel top pins
- 8 positions cam. Fixing screw

PRODUCT COMPATIBILITY
- F9 Mechanical Key
- F9000 Mechatronic Key

PACKAGE
1 cylinder, without keys

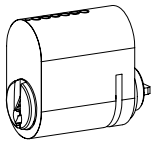
Code configurator
Accessories

ONLINE CONTENT

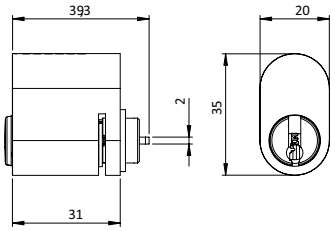
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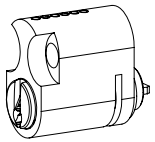
F9 Cylinders Oval Scandinavian

F9 OVAL SCANDINAVIAN NICKEL-PLATED CYLINDER

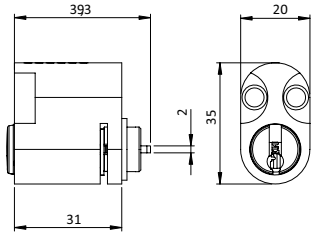


EXTERNAL DOOR SIDE





INTERNAL DOOR SIDE



Technical features

HARDWARE SPECIFICATIONS
- Conventional 6-pin encryption,
- Protected key and registered profile. Anti-drill protection in the cylinder body
- Stainless steel encryption pins
- Version for external and internal sides of the door, fixing screws

PRODUCT COMPATIBILITY
- F9 Mechanical Key
- F9000 Mechatronic Key

PACKAGE
1 cylinder, without keys

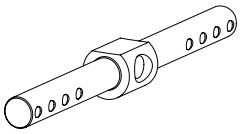
Code configurator
Accessories

ONLINE CONTENT

Web page
Data sheet
Leaflet
Specifications
Data sheet

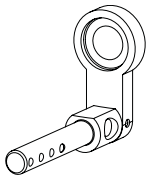
F9 Cylinders

Accessories



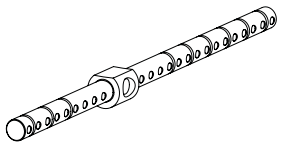
Kit 5 pcs. connecting bar for double cylinder.

3030 / 3035 / 3535	1	0033230
3040 / 3045 / 3540 / 3545	1	0033240
4040 / 4045 / 4545	1	0033250
3050 / 3055 / 3550 / 3555	1	0033260
3060 / 3065 / 3560 / 3565	1	0033270
4050 / 4055 / 4550 / 4555	1	0033280
5050 / 5055 / 5555	1	0033290
3070 / 3075 / 3570 / 3575	1	0033300
4060 / 4065 / 4560 / 4565	1	0033310
3080 / 3085 / 3580 / 3585	1	0033320
4070 / 4075 / 4570 / 4575	1	0033330
5060 / 5065 / 5560 / 5565	1	0033340
6060 / 6065 / 6565	1	0033350
3090 / 3095 / 3590 / 3595	1	0033360
4080 / 4085 / 4580 / 4585	1	0033370
5070 / 5075 / 5570 / 5575	1	0033380
4090 / 4095 / 4590 / 4595	1	0033390
5080 / 5085 / 5580 / 5585	1	0033400
6070 / 6075 / 6570 / 6575	1	0033410

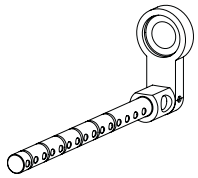


Kit 5 pcs. connecting bar for single cylinder.

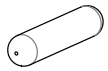
3010 / 3510	1	0033450
4010 / 4510	1	0033460
5010 / 5510	1	0033470
6010 / 6510	1	0033480
7010 / 7510	1	0033490
8010 / 8510	1	0033500
9010 / 9510	1	0033510



Universal connecting bar
Universal connecting bar
in 60/90 stainless steel
for double cylinders (2 pcs kit) 1 0033520



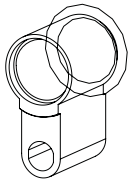
Universal connecting bar
Universal connecting bar
in 90/10 stainless steel
no holes for double cylinders (2 pcs kit) 1 0033530



Kit 100 pcs. steel fixing pins 1 0033740

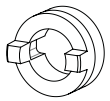
F9 Cylinders

Accessories



Extension for cylinder body.

Kit 5 pcs. body extension 5 mm	1	0033570
Kit 5 pcs. body extension 10 mm	1	0033580
Kit 5 pcs. body extension 15 mm	1	0033590
Kit 5 pcs. body extension 20 mm	1	0033600
Kit 5 pcs. body extension 40 mm	1	0033610



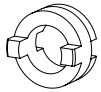
Plug extension
Kit 5 pcs. plug extension
for double sided cylinder 35 mm — 1 — 0033620



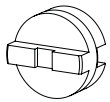
Plug extension
Kit 5 pcs. plug extension
for double function cylinder 35 mm — 1 — 0033630



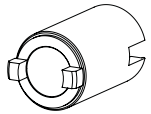
Plug extension
Kit 5 pcs. extension fo cylinder body
for knob cylinder key side 35 mm — 1 — 0033640



Plug extension
Kit 5 pcs. plug extension
for knob cylinder knob side 35 mm — 1 — 0033650

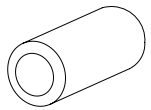


Plug extension
Kit 5 pcs. plug extension
for single cylinder 35 mm — 1 — 0033660



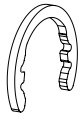
Plug extension

Kit 5 pcs. plug extension 10 mm	1	0033670
Kit 5 pcs. plug extension 15 mm	1	0033680
Kit 5 pcs. plug extension 20 mm	1	0033690
Kit 5 pcs. plug extension 40 mm	1	0033700

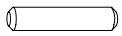


Key extension

Kit 10 pcs. key extension 8x5 mm	1	003211
Kit 10 pcs. key extension 8x10 mm	1	003212
Kit 10 pcs. key extension 8x15 mm	1	003213
Kit 10 pcs. key extension 8x20 mm	1	003214
Kit 10 pcs. key extension 8x25 mm	1	003215
Kit 10 pcs. key extension 8x30 mm	1	003216
Kit 10 pcs. key extension 8x35 mm	1	003217
Kit 10 pcs. key extension 8x40 mm	1	003218



250 pcs circlips — 1 — 0033720

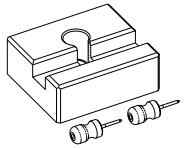


Kit 50 pcs. extension pin for single cylinder F
and R SERIES dim. >=40 mm — 1 — 0033920

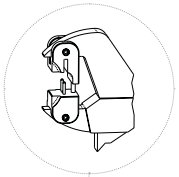
F9 Cylinders

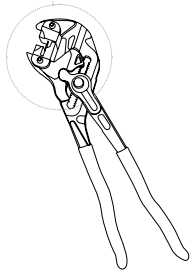
Accessories

ASSEMBLY TOOLS



Mounting base for components assembly	1	0033092





Plier for fixing pins	1	0033094

F9000 Padlocks V3





A wide range of padlocks allowing integration in a variety of locations and use and in many different applications.

The ISEO F9000 mechatronic padlocks are meant to secure access to doors, gates, containers, hatch covers, sensitive equipment or any other application where traditional padlocks are used. Various materials are used in the padlock bodies, cylinders and shackles depending on the level of security and environmental resistance requirements. A padlock which has been equipped with a F9000 cylinder can be unlocked after identification by any matched F9000 key.

Choose the padlock that fits for your application

ISEO offers mechatronic cylinder locks with various CEN grades, catering to a wide range of security needs. From the versatile Grade 2 for universal applications to the ultra-secure Grade 5 model, we've got you covered.

FINISH

- Chromed
- Satin

Product features

- Each key has customized access right which can be modified at any time according to the different building management needs.
- Energy is on the key and it doesn't require any wiring.
- Fast key authentication (< 80 ms)
- Unique non duplicable key with customized authorizations
- Storage of opening and forcing events in the key (1000 standard events)
- Up to 120.000 keys in a single system
- Temporal validity and time slots

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- Max. 93% without condensing

ACCESS CREDENTIALS
- Mechatronic Key

COMMUNICATION INTERFACE
- Data and energy transfer without electrical contact

CERTIFICATIONS
- ATEX II 2 G Ex ib IIB T4* for ATEX models
- EN 16864: 2017 (test certificate on mechatronic padlocks)

Go to page

→ SELECTION GUIDE

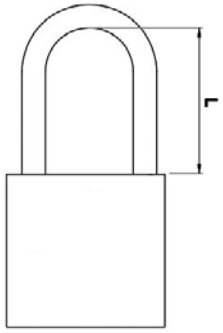
MODELS

→ Universal SH30 p. 110
→ Universal SH50 p. 111
→ Security SH25 p. 112
→ Security SH50 p. 113
→ Security SH60 p. 114
→ Security SH110 p. 115
→ High Security SH28 p. 116
→ High Security SH50 p. 117
→ High Security SH28 with protected shackle p. 118
→ Very High Security SH27 p. 119

F9000 Padlocks V3

Selection guide

The ISEO mechatronic padlocks are designed to provide access to doors, gates, containers, hatch closures, sensitive equipment, or any other application where mechanical padlocks are among the many available options. Various materials are used in the bodies of the padlocks, in the cylinders, and in the shackles, depending on the level of security and environmental resistance requirements.
A padlock equipped with an F9000 cylinder can be unlocked after identification any authorized F9000 key.



Example:
F9000 Security SH25 Padlock
In this case, it is an F9000 GRADE 3 Padlock
(medium/high security) with a shackle height of 25 mm.

ORDER THE PRODUCT IN A FEW STEPS

1

Check the desired security level and the height of the shackle

2

Choose the F9000 padlock model in the right column

Security required	CEN Grade	ISEO padlock range
Standard security	2	Universal
Medium/High Security	3	Security
High security	4	High Security
Very High Security	5	Very High Security

Go to page

SELECTION GUIDE

MODELS

→ Universal SH30 p. 110
→ Universal SH50 p. 111
→ Security SH25 p. 112
→ Security SH50 p. 113
→ Security SH60 p. 114
→ Security SH110 p. 115
→ High Security SH28 p. 116
→ High Security SH50 p. 117
→ High Security SH28 with protected shackle p. 118
→ Very High Security SH27 p. 119

F9000 Padlocks V3 Universal SH30

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 30 mm, CEN SECURITY GRADE 1



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Restraint system with 6 mechanical pistons
- LE60 modular system

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version Standard	41VA6010001130M
Version SELF-LOCKING	41VA6000001130M

Accessories

DIMENSIONS

Body dimensions:
- Width: 52 mm
- Height: 62 mm
- Thickness: 54 mm

Shakle dimensions:
- Height: 30 mm
- Width: 30 mm
- Diameter: 8 mm

ONLINE CONTENT

Web page

Data sheet

Specifications

F9000 Padlocks V3 Universal SH50

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 50 mm, CEN SECURITY GRADE 2



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

HARDWARE SPECIFICATIONS
- Restraint system with 6 mechanical pistons
- LE60 modular system

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	41VA6010001150M
Version SELF-LOCKING	41VA6000001150M

Accessories

DIMENSIONS

Body dimensions:
- Width: 52 mm
- Height: 62 mm
- Thickness: 54 mm

Shakle dimensions:
- Height: 50 mm
- Width: 30 mm
- Diameter: 8 mm

ONLINE CONTENT

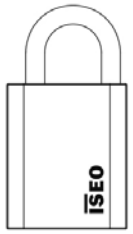
Web page

Data sheet

Specifications

F9000 Padlocks V3 Security SH25

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 25 mm, CEN SECURITY GRADE 3



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA150252M
Version UTILITY	P3VA150252M...U
Version ATEX, UTILITY	P3VA150252MEX.U
Version SELF-LOCKING	P3VA550252M

Accessories

DIMENSIONS

Body dimensions:
- Width: 50 mm
- Height: 62 mm
- Thickness: 25 mm

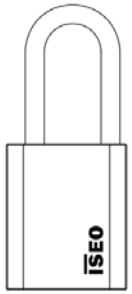
Shakle dimensions:
- Height: 25mm
- Width: 24mm
- Diameter: 8mm

ONLINE CONTENT

Web page
Data sheet
Specifications

F9000 Padlocks V3 Security SH50

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 50 mm, CEN SECURITY GRADE 3



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA150502M
Version UTILITY	P3VA150502M...U
Version ATEX, UTILITY	P3VA150502MEX.U

Accessories

DIMENSIONS

Body dimensions:
- Width: 50 mm
- Height: 62 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 50 mm
- Width: 24 mm
- Diameter: 8 mm

ONLINE CONTENT

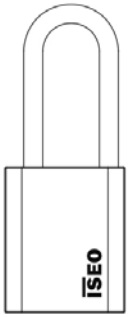
Web page

Data sheet

Specifications

F9000 Padlocks V3 Security SH60

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 60 mm, CEN SECURITY GRADE 3



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA150602M
Version UTILITY	P3VA150602M...U
Version ATEX, UTILITY	P3VA150602MEX.U
Version SELF-LOCKING	P3VA550602M

Accessories

DIMENSIONS

Body dimensions:
- Width: 50 mm
- Height: 62 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 60 mm
- Width: 24 mm
- Diameter: 8 mm

ONLINE CONTENT

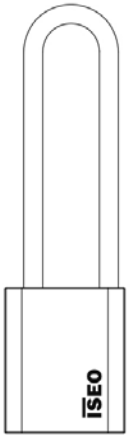
Web page

Data sheet

Specifications

F9000 Padlocks V3 Security SH110

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 110 mm, CEN SECURITY GRADE 3



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA1501C2M
Version UTILITY	P3VA1501C2M...U
Version ATEX, UTILITY	P3VA1501C2MEX.U

Accessories

DIMENSIONS

Body dimensions:
- Width: 50 mm
- Height: 62 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 110 mm
- Width: 24 mm
- Diameter: 8 mm

ONLINE CONTENT

Web page
Data sheet
Specifications

F9000 Padlocks V3 High Security SH28

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 28 mm, CEN SECURITY GRADE 4



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA160284M
Version UTILITY	P3VA160284M...U
Version ATEX, UTILITY	P3VA160284MEX.U
Version UTILITY, KEY CAP PROTECTION	P3VA16S284M...U

Accessories

DIMENSIONS

Body dimensions:
- Width: 60 mm
- Height: 62 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 28 mm
- Width: 24 mm
- Diameter: 11 mm

ONLINE CONTENT

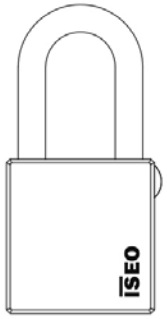
Web page

Data sheet

Specifications

F9000 Padlocks V3 High Security SH50

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 50 mm, CEN SECURITY GRADE 4



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

Click on the product code to download the right datasheet

Version STANDARD	P3VA160504M
Version UTILITY	P3VA160504M...U
Version ATEX, UTILITY	P3VA160504MEX.U
Version UTILITY, KEY CAP PROTECTION	P3VA16S504M...U

Accessories

DIMENSIONS

Body dimensions:
- Width: 60 mm
- Height: 62 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 50 mm
- Width: 24 mm
- Diameter: 11 mm

ONLINE CONTENT

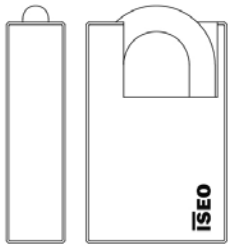
Web page

Data sheet

Specifications

F9000 Padlocks V3 High Security SH28 with protected shackle

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 28 mm, CEN SECURITY GRADE 4, WITH PROTECTED SHACKLE



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

cod. P3VA260284M

Accessories

DIMENSIONS

Body dimensions:
- Width: 60mm
- Height: 94 mm
- Thickness: 25 mm

Shakle dimensions:
- Height: 28 mm
- Width: 28 mm
- Diameter: 11 mm

ONLINE CONTENT

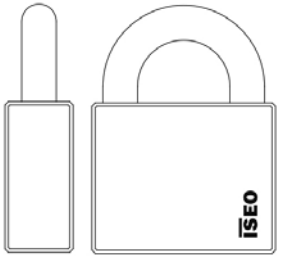
Web page

Data sheet

Specifications

F9000 Padlocks V3 Very High Security SH27

PADLOCK WITH F9000 MECHATRONIC CYLINDER, SHACKLE HEIGHT 27 mm, CEN SECURITY GRADE 5



Technical features

FIRMWARE
1RIS

RELEASE
V3

POWER UNIT
No batteries in the cylinder, data and energy transfer from the F9000 key without electrical contact

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP68
- IP69
- H.R. max. 93% without condensing

WORKING TEMPERATURE
-20°C ÷ +60°C

STORAGE TEMPERATURE
-20°C ÷ +60°C

PACKAGE
1 Padlock

cod. P3VA180274M

Accessories

DIMENSIONS

Body dimensions:
- Width: 80 mm
- Height: 65 mm
- Thickness: 30 mm

Shakle dimensions:
- Height: 27 mm
- Width: 40 mm
- Diameter: 15 mm

ONLINE CONTENT

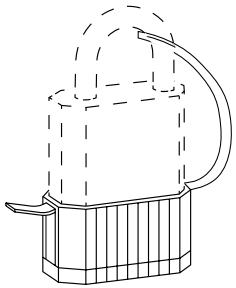
Web page

Data sheet

Specifications

F9000 Padlocks V3

Accessories



WEATHER PROTECTION CAP

The protective cap is made of special weather-resistant plastic which closes hermetically the body of the padlock.

Packaging: 1 black plastic cap

For ISEO F9000 Security Padlocks (Grade 3)	1	0000A00208
For ISEO F9000 High Security Padlocks (Grade 4)	1	0000A00209

F9000 Keys





F9000 key even more powerful thanks to Bluetooth® connectivity

Equipped with a Bluetooth® module and connected to the ISEO's Apps, the mechatronic key opens up an infinite range of services for the user. The mechatronic cylinders require no power source or cabling and can withstand all weather conditions. In addition to the mechanical permutation, each key is made with a unique digital identifier that cannot be changed or duplicated. In case of theft or loss, the key can be disabled in the system. Each contact between the key and a cylinder is recorded in the key's memory (cylinder, event type, date & time).

Contactless data transfer between key and cylinder

F9000 keys hold all the system intelligence: it incorporates the power source, access control and tracking, while benefiting from the added security of its mechanical key profile. Both power transmission and data exchange between the key and the cylinder is contactless via induction, giving the system high reliability and robustness, thereby avoiding failures resulting from dirt and moisture as a result of use.

Product features

- Each key has a personalized access right that can be modified at any time according to the different management needs of the building.
- Power is on the key and doesn't require any wiring.
- Fast key authentication (< 80 ms)
- Unique non duplicable key with customized authorizations
- Storage of opening and forcing events in the key (1000 standard events)

FINISH

Nickel plated

MATERIAL

Nickel silver

ENVIRONMENTAL FEATURES
- IP65
- Max. 93% without condensing
- Impact protection degree IK8

COMMUNICATION INTERFACE
- Data and energy transfer without electrical contact
- Bluetooth® Low Energy 5.1

CERTIFICATIONS
- EN 15684:2020 "16046D3D" classification

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→ SELECTION GUIDE

MODELS

→ ON User Key p. 123

→ ON User key with RFID transponder p. 124

→ UP User Key p. 125

→ UP User key with RFID transponder p. 126

→ PR Programmer Key p. 127

→ EM Emergency Key p. 128

→ LO Lockout Key p. 129

→ RL Reversal Lockout Key p. 130

F9000 Keys

Selection guide

The electronic keys F9000 have the same features as the mechanical keys, moreover they represent the energy source for the cylinder and transfer the customized credentials for each user.
There are different types of F9000 keys, differing in technical characteristics and use cases.



ORDER THE PRODUCT IN A FEW STEPS

1

Check the type of key necessary in your system
reading the distinctive characteristics of each model shown on this page.

2

Choose the F9000 key model
in the right column.

USER KEY F9000 ON
The Bluetooth® embedded connectivity provides the possibility to remotely update and validate authorizations with smartphones at anytime and anywhere.

USER KEY F9000 UP
The F9000 UP can be programmed with the stationary F9000 reader/writer devices (validator).

PROGRAMMER KEY F9000 PR
The programmer key (PR) is used to download events from the cylinder and to re-program the cylinders.
The key has Bluetooth® connectivity for direct programming with the ISEO V364 smartphone.
The programmer key CANNOT OPEN the cylinder: in fact, it does not have a F9000 mechanical coding.

EMERGENCY KEY F9000 EM
The emergency key (EM) opens all cylinders at any time in case of situations that poses an immediate risk to health, life, property or environment. This key is specifically designed to enable the fire brigade to access the facility in case of an emergency. The emergency key has the override functionality, opening double profile cylinder fitted with double function even where there is another key inserted in a lock position on the other side.

LOCKOUT KEY F9000 LO
In case of a terroristic attack there should be the possibility to block the access to all the access users even if they have an active F9000 key to open the door. The lockout key (LO) when is inserted into the F9000 cylinder will block all the access users and also will open the cylinder. The emergency key cannot be blocked.
The lockout key works at any time.The lockout key has the override functionality opening double profile cylinder fitted with double function even where there is another key inserted in a lock position on the other side.

REVERSAL LOCKOUT KEY F9000 RL
The reversal lockout (RL) has characteristics similar to those of the lockout key (LO), but it will bring back the door to normal operation (“key to clear”) and also will perform the open operation.

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- **SELECTION GUIDE**

MODELS

- → ON User Key p. 123
- → ON User key with RFID transponder p. 124
- → UP User Key p. 125
- → UP User key with RFID transponder p. 126
- → PR Programmer Key p. 127
- → EM Emergency Key p. 128
- → LO Lockout Key p. 129
- → RL Reversal Lockout Key p. 130

F9000 Keys ON5 User Key

F9000 USER MECHATRONIC KEY WITH BLUETOOTH® CONNECTIVITY FOR DATA UPDATING VIA SMARTPHONE



Click on the product code to download the right datasheet

Version STANDARD	80SAMKI035
Version with ACOUSTIC SIGNALS	80SAMKI03W
Version ATEX	80SAMKI035.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

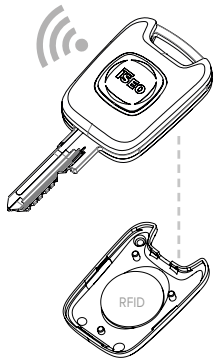
ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV3 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

ONLINE CONTENT

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F9000 Keys ON5 User key with RFID transponder

F9000 USER MECHATRONIC KEY WITH INTEGRATED RFID TRANSPONDER AND BLUETOOTH® CONNECTIVITY FOR DATA UPDATING VIA SMARTPHONE



Click on the product code to download the right datasheet

Version MIFARE CLASSIC 4K, STANDARD	80SAMKI135
Version MIFARE CLASSIC 4K, ATEX	80SAMKI135.EX
Version MIFARE DESFire EV3 8K, STANDARD	80SAMKI935
Version MIFARE DESFire EV3 8K, ATEX	80SAMKI935.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV3 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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F9000 Keys UP5 User Key

F9000 USER MECHATRONIC KEY



Click on the product code to download the right datasheet

Version STANDARD	80SAMKI0S5
Version with ACOUSTIC SIGNALS	80SAMKI0SW
Version ATEX	80SAMKI0S5.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
10 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

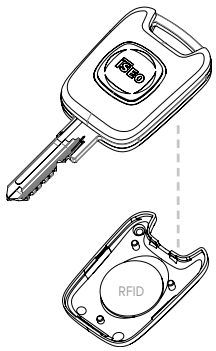
ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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Specifications

F9000 Keys UP5 User key with RFID transponder

F9000 USER MECHATRONIC KEY WITH INTEGRATED RFID TRANSPONDER



Click on the product code to download the right datasheet

Version MIFARE Classic 4K, STANDARD	80SAMKI1S5
Version MIFARE Classic 4K, ATEX	80SAMKI1S5.EX
Version MIFARE DESFire EV3 8K, STANDARD	80SAMKI9S5
Version MIFARE DESFire EV3 8K, ATEX	80SAMKI9S5.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
10 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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F9000 Keys PR Programmer Key

F9000 PROGRAMMER MECHATRONIC KEY WITH BLUETOOTH® CONNECTIVITY



Click on the product code to download the right datasheet

Version STANDARD	80SE00I035
Version ATEX	80SE00I035.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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F9000 Keys EM5 Emergency Key

F9000 EMERGENCY MECHATRONIC KEY



Click on the product code to download the right datasheet

Version STANDARD	80SAMKIPS5
Version ATEX	80SAMKIPS5.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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F9000 Keys LO5 Lockout Key

F9000 LOCKING MECHATRONIC KEY



Click on the product code to download the right datasheet

Version STANDARD	80SAMKILS5
Version ATEX	80SAMKILS5.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

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F9000 Keys RL5 Reversal Lockout Key

F9000 UNLOCKING MECHATRONIC KEY



Click on the product code to download the right datasheet

Version STANDARD	80SAMKIRS5
Version ATEX	80SAMKIRS5.EX

Accessories

DIMENSIONS
- Paracentric key profile
- Total length: 91 mm
- Body lenght: 51 mm
- Body thickness: 18 mm
- Key neck 12 mm long, suitable for Defender

Technical features

FIRMWARE
1RIS

RELEASE
5.0

POWER UNIT
1 lithium battery CR2450

ESTIMATED BATTERY LIFE
5 years.
Estimated at 20 °C with 10 openings per day.

ALERTS
- LEDs: 1 Green, 1 Red

PRODUCT COMPATIBILITY
- Compatible with ISEO CSF high security mechanical cylinders
- The installation requires only a fixing screw just like a mechanical cylinder
- Compati ble with mechanical cylinders from the same range

ENVIRONMENTAL FEATURES
- IP65
- H.R. max. 93% without condensing
- Impact protection degree IK8

WORKING TEMPERATURE
-25°C ÷ +65°C

STORAGE TEMPERATURE
-20°C ÷ +70°C

PACKAGE
The pack can contain up to 10 keys

ACCESSORIES (NOT INCLUDED)
- Back cover for replacement in electronic keys (code E03270)
- Back cover with RFID MIFARE Classic 4K (code E03271)
- Back cover with RFID MIFARE DESFire EV2 8K (code E03280)
- Lithium battery CR2450 for F9000 keys (code E03291)

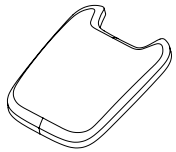
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F9000 Keys

Accessories

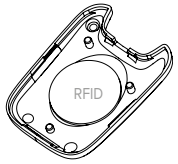
F9000 ON, F9000 UP AND SERVICE KEYS



BACK COVER

Back cover for replacement in electronic keys (ON, UP, PR and EM)	10	E03270

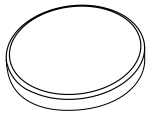
RFID



BACK COVER WITH RFID TRANSPONDER KIT

Back cover for user key with integrated transponder,
allowing to use key in compatible access control systems
(other typologies of transponders available on request).

MIFARE Classic 4K transponder	10	E03271
MIFARE DESFire EV3 8K transponder	10	E03280



LITHIUM BATTERY FOR F9000 ON/UP/PR/EM KEYS

Button Battery CR2450 for replacement in electronic keys (ON, UP, PR and EM).	10	E03291

F9000 Readers and validators





F9000 key validators

The F9000 Readers/Writers can be connected to the Atlas controller in order to create, validate and update the F9000 keys. Connecting an electric lock actuator it is possible to control a gate in online mode.

For many applications

The Readers/Writers are available in different forms in oder to answer to the installation needs of the customer: 5 versions are available for different types of installation, environmental conditions and exposure to the risk of damage and vandalism.

Product features

- The reader/writer create, validate and update the F9000 keys

MATERIAL

Technopolymer

COLOR

Black

ENVIRONMENTAL FEATURES
- IP20 / IP40 / IP55 / IP66 / IP67 / IP68
- Impact protection degree IK10
- High Corrosion Resistance: Tested for 480 hours in NSS (Neutral Salt Spray)

ACCESS CREDENTIALS
- Mechatronic Key

COMMUNICATION INTERFACE
- Data and energy transfer without electrical contact
- RS485

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MODELS

→ Desktop validator p. 133

→ Flush mounted validator p. 134

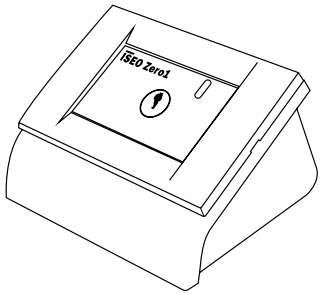
→ Wall mounted validator p. 135

→ IP55 Wall mounted validator with protective flap p. 136

→ Heavy Duty vandal-proof validator p. 137

F9000 Readers and validators Desktop validator

THE F9000 READER/WRITER CAN BE CONNECTED TO THE ATLAS OFFLINE SEVER IN ORDER TO CREATE, VALIDATE AND UPDATE THE F9000 KEYS



Technical features

FIRMWARE
1RIS

POWER UNIT
10 -24Vdc - Powered through connection to the ATLAS server

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- The F9000 Validators/Readers can be connected to the Atlas offline sever in order to create, validate and update the F9000 keys with V2 firmware and F9000 ON/UP/EM/PR keys. Connecting an electric lock actuator it is possible to control a gate in online mode

MOUNTING
- Desktop

ENVIRONMENTAL FEATURES
- IP20

WORKING TEMPERATURE
-10°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader/writer, 1 installation manual

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)

cod. E03212

Accessories

DIMENSIONS
Vimar Idea desktop plastic Box
- Width: 120 mm
- Height: 82 mm
- Depth: 111 mm

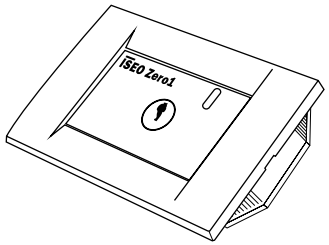
ONLINE CONTENT

Data sheet

Specifications

F9000 Readers and validators Flush mounted validator

THE F9000 READERS/WRITERS CAN BE CONNECTED TO THE ATLAS OFFLINE SEVER IN ORDER TO CREATE, VALIDATE AND UPDATE THE F9000 KEYS



Technical features

FIRMWARE
1RIS

POWER UNIT
10 -24Vdc - Powered through connection to the ATLAS server

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- The F9000 readers/writers can be connected to the Atlas offline sever in order to create, validate and update the F9000 keys with V2 firmware and F9000 ON/UP/EM/PR keys. Connecting an electric lock actuator it is possible to control a gate in online mode

MOUNTING
- Flush mounted

ENVIRONMENTAL FEATURES
- IP20

WORKING TEMPERATURE
-10°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader/writer, 1 Vimar Idea Rondò plastic plate color black, 1 installation manual.
Note: 503 box not included.

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)

cod. E03222 Accessories

DIMENSIONS
Frame mounting rectangular version Vimar Idea frame and rectangular box compatible
- Width: 120 mm
- Height: 55 mm
- Depth: 82 mm

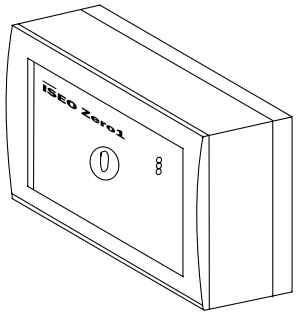
ONLINE CONTENT

Data sheet

Specifications

F9000 Readers and validators Wall mounted validator

THE F9000 READERS/WRITERS CAN BE CONNECTED TO THE ATLAS OFFLINE SEVER IN ORDER TO CREATE, VALIDATE AND UPDATE THE F9000 KEYS



Technical features

FIRMWARE
1RIS

POWER UNIT
10 -24Vdc - Powered through connection to the ATLAS server

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- The F9000 readers/writers can be connected to the Atlas offline sever in order to create, validate and update the F9000 keys with V2 firmware and F9000 ON/UP/EM/PR keys. Connecting an electric lock actuator it is possible to control a gate in online mode

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP40

WORKING TEMPERATURE
-10°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader/writer, 1 installation manual.

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)

cod. E03262

Accessories

DIMENSIONS
Wall mounting Vimar Idea plastic box
- Width: 123 mm
- Height: 55 mm
- Depth: 88 mm

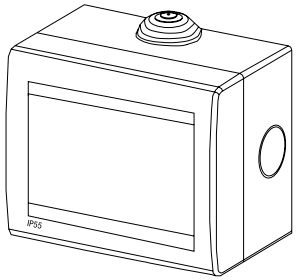
ONLINE CONTENT

Data sheet

Specifications

F9000 Readers and validators IP55 Wall mounted validator with protective flap

THE F9000 READER/WRITER CAN BE CONNECTED TO THE ATLAS OFFLINE SEVER IN ORDER TO CREATE, VALIDATE AND UPDATE THE F9000 KEYS



Technical features

FIRMWARE
1RIS

POWER UNIT
10 -24Vdc - Powered through connection to the ATLAS server

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- The F9000 readers/writers can be connected to the Atlas offline sever in order to create, validate and update the F9000 keys with V2 firmware and F9000 ON/UP/EM/PR keys. Connecting an electric lock actuator it is possible to control a gate in online mode

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP55

WORKING TEMPERATURE
-25°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 reader/writer, 1 installation manual.

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)

cod. E03232 Accessories

DIMENSIONS
Wall mounting IP55 version Vimar Idea IP55 plastic box
- Width: 120 mm
- Height: 55 mm
- Depth: 82 mm

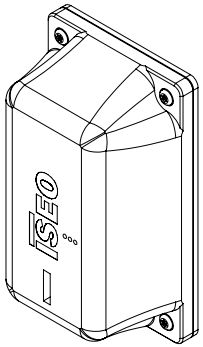
ONLINE CONTENT

Data sheet

Specifications

F9000 Readers and validators Heavy Duty vandal-proof validator

THE F9000 READER/WRITERS CAN BE CONNECTED TO THE ATLAS OFFLINE SEVER IN ORDER TO CREATE, VALIDATE AND UPDATE THE F9000 KEYS



Technical features

FIRMWARE
1RIS

POWER UNIT
10 -24Vdc - Powered through connection to the ATLAS server

ALERTS
- Led 3-colour series green, red, blue

PRODUCT COMPATIBILITY
- The F9000 readers/writers can be connected to the Atlas offline sever in order to create, validate and update the F9000 keys with V2 firmware and F9000 ON/UP/EM/PR keys. Connecting an electric lock actuator it is possible to control a gate in online mode

MOUNTING
- Wall mounted

ENVIRONMENTAL FEATURES
- IP66
- IP67
- IP69
- Impact protection degree IK10
- High Corrosion Resistance: Tested for 480 hours in NSS (Neutral Salt Spray)

WORKING TEMPERATURE
-40°C ÷ +80°C

STORAGE TEMPERATURE
-40°C ÷ +80°C

PACKAGE
1 reader/writer, fixing screws, 1 installation manual

ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (code 5E2501)

cod. E03201

Accessories

DIMENSIONS
Solid metal antivandal housing
- Width: 150 mm
- Height: 53 mm
- Depth: 90 mm

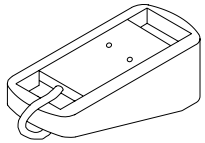
ONLINE CONTENT

Data sheet

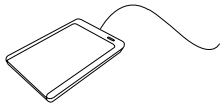
Specifications

F9000 Readers and validators

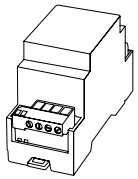
Accessories



RFID MODEM FOR RFID OFF-LINE DEVICES
In combination with a notebook, equipped with the ISEO communication software "Hermes SW", it is used to program, to synchronize and log readout. the offline RFID devices.
USB interface. Plastic adapter included.
Package: 1 modem with plastic adapter. — 1 — 541E00010



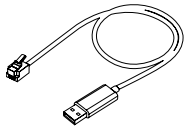
DESKTOP RFID READER/WRITER
USB interface. Multicolor signaling LEDs.
Package: 1 reader/writer. — 1 — E03200



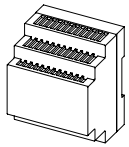
ELECTRIC LOCK ACTUATOR
1 relay + 1 booster. 3 inputs (1 digital, 1 analog, 1 digital/analog)
Lockbus interface. 8-30Vdc Power Supply.
DIN35 rail mounting.
Package: 1 actuator, instruction manual. — 1 — 5E2501



ELECTRICAL JUMPER
For special multidevice configurations. — 5 — 5E00000205



SERIAL COMMUNICATION CABLE FOR ATLAS
USB - serial cable for Atlas programming.
Package: 1 cable — 1 — 0000IS00243



POWER SUPPLY UNIT 24Vdc - 30W
Input 120-230Vac. Output 24Vdc 1,5A.
DIN35 rail mounting.
Package: 1 Power Supply, instruction manual — 1 — 5E3506

POWER SUPPLY UNIT 12Vdc - 70W
Input 120-230Vac. Output 12Vdc 6A.
DIN35 rail mounting.
Package: 1 power supply unit, instruction manual. — 1 — 5E3509

Search by device

Network and system devices



Atlas Controller

The management of permissions and credentials in the ISEO access control system is performed by the Atlas controller, the true 'heart' of the system.

p. 140



Gateways

Gateways enhance the remote control capabilities of ISEO access control systems.

p. 144

Atlas Controllers





The system controllers

The management of authorizations and credentials in the ISEO access control system is carried out by the Atlas controller, the true "heart" of the system. The ATLAS controller contains data relating to all offline and online devices and all system credentials.

For architectures of various dimensions

Multiple Atlas in Slave mode can be installed on the same system to manage different validators and doors, even geographically distributed ones.

Product features

- Contains the list of all offline and online devices and the credentials database
- Manages credential creation, updating and validation via RFID card validators (1NCA) or F9000 key validators
- The ATLAS controller can be used to manage offline RFID devices, such as MA1A, Aries and Libra, or F9000 mechatronic cylinders
- Atlas PLUS version as Master controller for systems with V364 software

FINISH

Technopolymer

COLOR

White

COMMUNICATION INTERFACE
- Ethernet TCP/IP 10/100 base-T
- Lockbus
- RS485
- USB type B
- Serial

Go to page

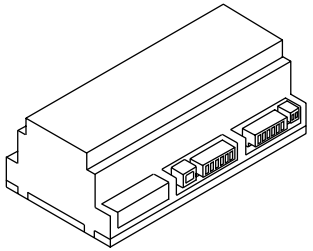
MODELS

→ Atlas Plus DIN controller for RFID devices and F9000 p. 141

→ Atlas Plus controller for RFID devices and F9000 p. 142

Atlas Controllers Atlas Plus DIN controller for RFID devices and F9000

CONTROLLER FOR MANAGING AUTHORIZATIONS AND CREDENTIALS IN THE ISEO ACCESS CONTROL SYSTEM



Click on the product code to download the right datasheet

Version 12-24 V DC POWER SUPPLY	5E052014
Version P.O.E. (Power Over Ethernet)	5E052016

Accessories

DIMENSIONS
- Height: 61 mm
- Width: 160 mm
- Depth: 90 mm

Technical features

FIRMWARE
1RIS

POWER UNIT
12÷24 Vdc (max. 15W)
1500mAh emergency battery pack

ESTIMATED BATTERY LIFE
Estimated duration 30 min without power supply

HARDWARE SPECIFICATIONS
- ARM 9 based CPU module
- 800MHz CPU clock
- 512MByte memory
- 8GB Micro-SD
- Real Time Clock

ALERTS
- 12 LEDs - Power (green) - Battery running (yellow) - Ethernet network (orange) - Tx/Rx channel 1 (2x orange) - Tx/Rx channel 2 (2x orange) - Tx/Rx channel 3 (2x orange) - User 1 and 2 (red and green)

PRODUCT COMPATIBILITY
- Compatible with Lockbus and RS485 readers and actuators

MOUNTING
- DIN Rail 35 mounted

WORKING TEMPERATURE
0°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 controller with connectors, 1 installation manual.
Note: serial programming cable and power supplier not included.

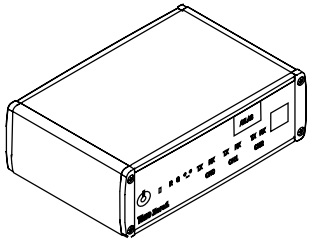
ACCESSORIES (NOT INCLUDED)
- Electric lock actuator (cod. 5E2501)

ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications
Advanced connections
POE Installation Guide

Atlas Controllers Atlas Plus controller for RFID devices and F9000

CONTROLLER FOR MANAGING
AUTHORIZATIONS AND CREDENTIALS
IN THE ISEO ACCESS CONTROL SYSTEM



Technical features

FIRMWARE
1RIS

POWER UNIT
12÷24 Vac (max. 15W)
1500mAh emergency battery pack

ESTIMATED BATTERY LIFE
Estimated duration 30 min without power supply

HARDWARE SPECIFICATIONS
- ARM 9 based CPU module
- 800MHz CPU clock
- 512MByte memory
- 8GB Micro-SD
- Real Time Clock

ALERTS
- 12 LEDs - Power (green) - Battery running (yellow) - Ethernet network (orange) - Tx/Rx channel 1 (2x orange) - Tx/Rx channel 2 (2x orange) - Tx/Rx channel 3 (2x orange) - User 1 and 2 (red and green)

PRODUCT COMPATIBILITY
- Compatible with Lockbus and RS485 readers and actuators

MOUNTING
- Desktop

WORKING TEMPERATURE
0°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 controller with connectors, 1 installation manual.
Note: serial programming cable and power supplier not included.

cod. 5E002012 Accessories

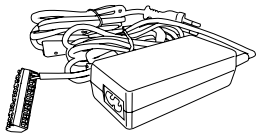
DIMENSIONS
- Height: 53 mm
- Width: 167 mm
- Depth: 110 mm

ONLINE CONTENT

Web page
Data sheet
Installation guide
Specifications
Advanced connections

Atlas Controllers

Accessories



POWER SUPPLY UNIT 24Vdc - 36W (FOR ATLAS DIN)
Input 100-240Vac. Output 24Vdc 1.5A.
Desktop version, 2 pin standard plug.
Package: 1 power supply unit. 1 5E3005

Gateways





It communicates with your F9000 key and with wireless devices via Bluetooth®.

The V364 Gateway works as a validator for F9000 keys via Bluetooth®. In addition, it connects the Bluetooth® devices of the 1RIS product platform to the Virtual Atlas Machine. The V364 Gateway can validate all F9000 ON keys and communicate with wireless devices within its Bluetooth® range (approximately 10 meters depending on environmental conditions).

Create fully online and wireless access control systems

Sofia HyperGate allows the creation of fully online and wireless access control systems based on ISEO Connected Smart ARGO locks. The HyperGate device enables remote updates of the lock memory (white list), authorisation or deactivation of new users, cards and smartphones. In addition, HyperGate allows remote door opening as well as reading the lock history via browser or smartphone remotely.

Product's functions

- "Desktop" format with the possibility of wall mounting
- Data conversion (WIFI or Ethernet) to Bluetooth®

FINISH

Technopolymer

COLOR

White

Go to page

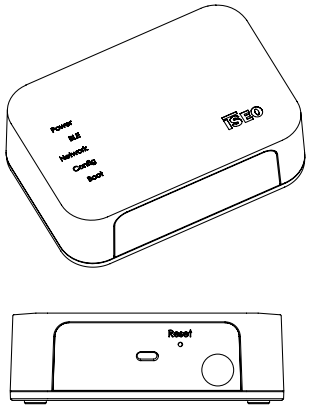
MODELS

→ V364 Gateway p. 145

→ Hypergate Lite for Luckey p. 146

Gateways V364 Gateway

THE GATEWAY OPERATES AS F9000 VALIDATOR FOR THE F9000 ON KEYS IN ITS BLUETOOTH RANGE (AROUND 10 METERS DEPENDING ON ENVIRONMENT CONDITIONS).



Click on the product code to download the right datasheet

Version WIFI	5E072524
Version P.O.E. (Power Over Ethernet)	5E072514

Accessories

DIMENSIONS
- Width: 125mm
- Depth: 40mm
- Height: 85mm

Technical features

FIRMWARE
1RIS

POWER UNIT
Powered by USB C +5VDC input power 2A (10W).
Power supply not included (accessory to order separately).

HARDWARE SPECIFICATIONS
- ARM A7 based CPU module
- 512 MB RAM
- 8 GB Flash eMMC Non volatile Memory

PRODUCT COMPATIBILITY
- Compatible with ISEO F9000 ON keys

MOUNTING
- Wall mounted
- Desktop

WORKING TEMPERATURE
0°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 Gateway WIFI
Power supply not included (accessory to order)

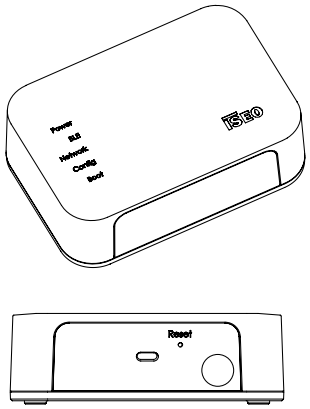
ACCESSORIES (NOT INCLUDED)
- Power supply (code 0000A00155)
- Wall fixing brackets kit (code 0000A00154)

ONLINE CONTENT

Web page
Data sheet
Specifications

Gateways HyperGate Lite for Luckey

MANAGE ACCESS CREDENTIALS IN REAL-TIME AND CONTROL SMART LOCKS REMOTELY



Technical features

FIRMWARE
SOFIA

POWER UNIT
Powered by USB C +5VDC input power 2A (10W).
Power supply not included (accessory to order separately).

HARDWARE SPECIFICATIONS
- ARM A7 based CPU module
- 512 MB RAM
- 8 GB Flash eMMC Non volatile Memory

PRODUCT COMPATIBILITY
- Compatible with Connected Smart devices on ISEO's ARGO platform (Bluetooth 4.0 and Bluetooth 5.0) managed with the Luckey application (Basic and Enterprice)
- Indoor range: Average 10 m*

*Bluetooth transmission total distance may vary depending on HyperGate Pro location and surrounding environment. For example walls, doors, glazed surfaces can reduce or stop the communication between the Smart Locks and the HyperGate Pro

MOUNTING
- Wall mounted
- Desktop

WORKING TEMPERATURE
0°C ÷ +50°C

STORAGE TEMPERATURE
-25°C ÷ +75°C

PACKAGE
1 Gateway
Power supply not included (accessory to order)

ACCESSORIES (NOT INCLUDED)
- Power supply (cod. 0000A00155)
- Wall fixing brackets kit (cod. 0000A00154)

Click on the product code to download the right datasheet

Version WIFI	5E07S524
Version P.O.E. (Power Over Ethernet)	5E07S514

Accessories

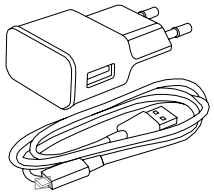
DIMENSIONS
- Width: 125mm
- Depth: 40mm
- Height: 85mm

ONLINE CONTENT

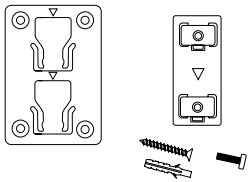
Web page
Data sheet
Specifications

Gateways

Accessories



POWER SUPPLY FOR V364 GATEWAY AND HYPERGATE LITE
IN = 100-240V50-60Hz 0.50A
OUT = 5.0Vdc 2A (10W)
USB A to USB C 1.5 mt cable — 1 — 0000A00155



WALL FIXING BRACKETS KIT FOR V364 GATEWAY AND HYPERGATE LITE
nr. 1 Wall bracket
nr. 1 Gateway bracket
nr. 2 Screws
nr. 4 Wall plugs and screws — 1 — 0000A00154

RFID credentials

MIFARE DESFIRE EV3 8K



USER CARD (ISEO LOGO)
RFID card. MIFARE DESFire EV3 8K.
ISEO logo on both sides. UID printed.

MIFARE DESFire EV3 8K - with UID printed	10	5E406200



USER CARD (BLANK)
RFID card. MIFARE DESFire EV3 8K.
Blank on both sides. UID printed.
(available for customer personalization)

MIFARE DESFire EV3 8K - with UID printed	10	5E406220



KEYFOB TRANSPONDER (ISEO LOGO)
RFID TAG. MIFARE DESFire EV3 8K.
GREY. ISEO Logo. UID printed.

MIFARE DESFire EV3 8K - with UID printed on the back	10	5E416200

RFID credentials

MIFARE CLASSIC 4K



USER CARD (ISEO LOGO)
RFID card. MIFARE Classic 4K.
ISEO Logo on both sides. UID printed.

MIFARE Classic 4K	10	5E402100





UID CARD (BLANK)
RFID card.
Blank on both sides.
(available for customer personalization).

MIFARE Classic 4K - without UID printed	10	5E402110
MIFARE Classic 4K - with UID printed	10	5E402120



KEYFOB TRANSPONDER (NEUTRAL)
TAG RFID. MIFARE Classic 4K.
GREY. Neutral on both sides.

MIFARE Classic 4K - without UID printed	10	KEYFOB1356MF4

Code configurator

Some products are available in different versions to suit customer requirements and the characteristics of the doors on which they are to be installed. Please use the configurator of the specific product model to create the code you wish to order.

Aries 2.1



Go to page

Libra X



Go to page

F9000 Cylinders V3



Go to page

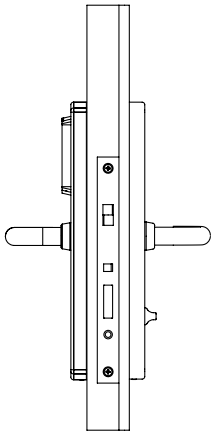
F9 Cylinders



Go to page

Aries 2.1 Standard

ELECTRONIC TRIM RFID/BLUETOOTH®
SET STANDARD



CODE CONFIGURATOR

0 0 E 1 [ ] [ ] [ ] 1 6 2 [ ]

- [ ] (fifth position):
  - Without cylinder hole in the cover 1
  - VISIBLE cylinder hole - center distance 85 mm 2
  - VISIBLE cylinder hole - center distance 92 mm 3
  - VISIBLE cylinder hole - center distance 70 mm 4
  - VISIBLE cylinder hole - center distance 72 mm 5
  - VISIBLE cylinder hole - center distance 88 mm 6
- [ ] (sixth position):
  - Internal usage version (IP54) 1
  - External usage version (IP55) 7
- [ ] (seventh position):
  - 1 Electric emergency – with privacy *
  - 2 Electric emergency – without privacy *
  - 3 Mechanical emergency – with privacy
  - 4 Mechanical emergency – without privacy
- [ ] FINISHES:
  - 2 Inox

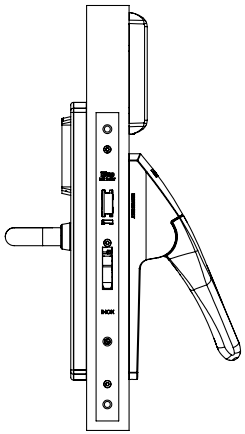
* ONLY compatible to configuration Without cylinder hole in the cover (code 1 in fifth position)

Product options

OVERRIDE CYLINDER HOLE EXTERNAL SIDE	IP RATING	EMERGENCY OVERRIDE CYLINDER	EXTERNAL EMERGENCY POWER SUPPLY	PRIVACY DEVICE
To chose if a mechanical emergency cylinder is used. The mechanical cylinder is still accessible without cylinder hole, by turning the plate.	For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.	High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.	For installations with no override cylinder. Connector under external cover plate. Standard 9V battery usage.	Internal ergonomic knob to activate privacy. Signal reset after each door opening.

Aries 2.1 For panic devices

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR PANIC DEVICES



CODE CONFIGURATOR

0 0 E 1 [ ] [ ] [ ] 1 6 2 [ ]

- [ ] Without cylinder hole in the cover 1
- [ ] VISIBLE cylinder hole - center distance 85 mm 2
- [ ] VISIBLE cylinder hole - center distance 92 mm 3
- [ ] VISIBLE cylinder hole - center distance 70 mm 4
- [ ] VISIBLE cylinder hole - center distance 72 mm 5
- [ ] VISIBLE cylinder hole - center distance 88 mm 6

- [ ] Internal usage version (IP54) 2
- [ ] External usage version (IP55) 8

- [ ] 2 Electric emergency – without privacy *
- [ ] 4 Mechanical emergency – without privacy

FINISHES

- [ ] 2 Inox

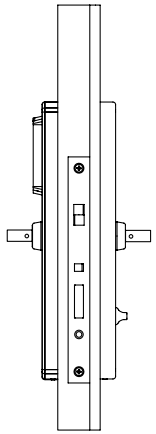
* ONLY compatible to configuration Without cylinder hole in the cover (code 1 in fifth position)

Product options

OVERRIDE CYLINDER HOLE EXTERNAL SIDE	IP RATING	EMERGENCY OVERRIDE CYLINDER	EXTERNAL EMERGENCY POWER SUPPLY
To chose if a mechanical emergency cylinder is used. The mechanical cylinder is still accessible without cylinder hole, by turning the plate.	For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.	High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.	For installations with no override cylinder. Connector under external cover plate. Standard 9V battery usage.

Aries 2.1 For custom handles

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR CUSTOM HANDLES



CODE CONFIGURATOR

0 0 E 2 [ ] [ ] [ ] 1 6 2 [ ] [I]

- Without cylinder hole in the cover 1
- VISIBLE cylinder hole - center distance 85 mm 2
- VISIBLE cylinder hole - center distance 92 mm 3
- VISIBLE cylinder hole - center distance 70 mm 4
- VISIBLE cylinder hole - center distance 72 mm 5
- VISIBLE cylinder hole - center distance 88 mm 6

- Internal usage version (IP54) 1
- External usage version (IP55) 7

- 1 Electric emergency – with privacy *
- 2 Electric emergency – without privacy *
- 3 Mechanical emergency – with privacy
- 4 Mechanical emergency – without privacy

FINISHES

- I Industrial Packaging
- 2 Inox

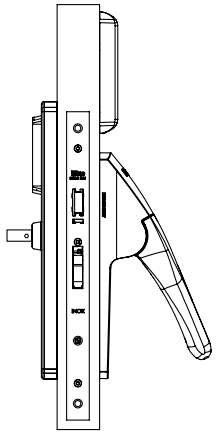
* ONLY compatible to configuration Without cylinder hole in the cover (code 1 in fifth position)

Product options

OVERRIDE CYLINDER HOLE EXTERNAL SIDE	IP RATING	EMERGENCY OVERRIDE CYLINDER	EXTERNAL EMERGENCY POWER SUPPLY	PRIVACY DEVICE
To chose if a mechanical emergency cylinder is used. The mechanical cylinder is still accessible without cylinder hole, by turning the plate.	For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.	High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.	For installations with no override cylinder. Connector under external cover plate. Standard 9V battery usage.	Internal ergonomic knob to activate privacy. Signal reset after each door opening.

Aries 2.1 For custom handles for panic devices

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR PANIC DEVICES



CODE CONFIGURATOR

0 0 E 2 [ ] [ ] [ ] 1 6 2 [ ] [I]

- [ ] (5th position):
  - Without cylinder hole in the cover 1
  - VISIBLE cylinder hole - center distance 85 mm 2
  - VISIBLE cylinder hole - center distance 92 mm 3
  - VISIBLE cylinder hole - center distance 70 mm 4
  - VISIBLE cylinder hole - center distance 72 mm 5
  - VISIBLE cylinder hole - center distance 88 mm 6
- [ ] (6th position):
  - Internal usage version (IP54) 2
  - External usage version (IP55) 8
- [ ] (7th position):
  - 2 Electric emergency – without privacy *
  - 4 Mechanical emergency – without privacy
- [I] FINISHES:
  - I Industrial Packaging
  - 2 Inox

* ONLY compatible to configuration Without cylinder hole in the cover (code 1 in fifth position)

Product options

OVERRIDE CYLINDER HOLE EXTERNAL SIDE

To chose if a mechanical emergency cylinder is used. The mechanical cylinder is still accessible without cylinder hole, by turning the plate.

IP RATING

For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.

EMERGENCY OVERRIDE CYLINDER

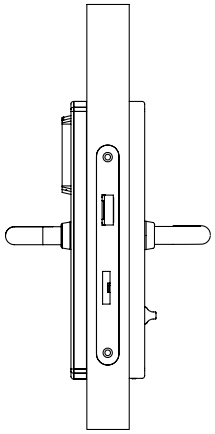
High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.

EXTERNAL EMERGENCY POWER SUPPLY

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

Aries 2.1 For DIN lock

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR DIN LOCK



CODE CONFIGURATOR

0 0 E 1 [ ] [ ] [ ] 1 6 2 [ ]

VISIBLE cylinder hole - center distance 72 mm 8
Without cylinder hole in the cover B

Internal usage version (IP54) 1
External usage version (IP55) 7

1 Electric emergency – with privacy *
2 Electric emergency – without privacy *
3 Mechanical emergency – with privacy
4 Mechanical emergency – without privacy

FINISHES
2 Inox

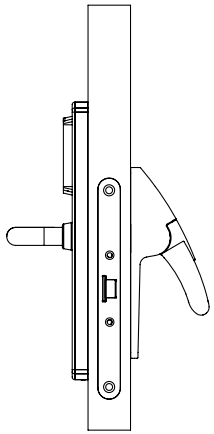
* ONLY compatible to configuration Without cylinder hole in the cover (code B in fifth position)

Product options

OVERRIDE CYLINDER HOLE EXTERNAL SIDE	IP RATING	EMERGENCY OVERRIDE CYLINDER	EXTERNAL EMERGENCY POWER SUPPLY	PRIVACY DEVICE
To chose if a mechanical emergency cylinder is used. The mechanical cylinder is still accessible without cylinder hole, by turning the plate.	For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.	High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.	For installations with no override cylinder. Connector under external cover plate. Standard 9V battery usage.	Internal ergonomic knob to activate privacy. Signal reset after each door opening.

Aries 2.1 For fire locks

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR FIRE LOCKS



CODE CONFIGURATOR

0 0 E 1 9 [ ] 0 1 6 2 [ ]

Internal usage version (IP54) 2
External usage version (IP55) 8

FINISHES
2 Inox

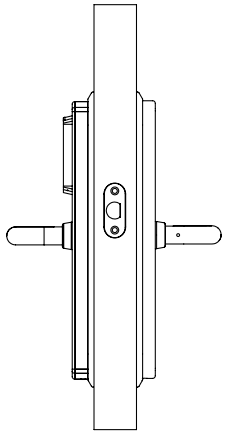
Product options

IP RATING

For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.

Aries 2.1 For Premi Apri Meroni locks

ELECTRONIC TRIM RFID/BLUETOOTH® SET FOR PREMI APRI MERONI LOCKS



CODE CONFIGURATOR

0 0 E 1 A [ ] [ ] 1 6 2 [ ]

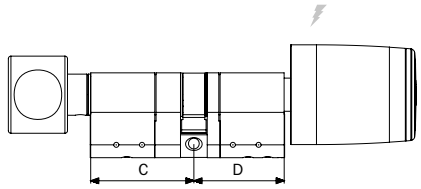
- [ ] Internal usage version (IP54) 1
  - External usage version (IP55) 7
- [ ] 0 Without emergency
  - 2 Electric emergency - without privacy
- [ ] FINISHES
  - 2 Inox

Product options

IP RATING	EMERGENCY OVERRIDE CYLINDER	EXTERNAL EMERGENCY POWER SUPPLY	PRIVACY DEVICE
For internal (IP54) or external IP55 with resistance to salty atmosphere) usage.	High Security Iseo R90 Factory Monoprofile. Up to 3 mechanical recodings. Usage detected by electronics. KA on the same installation.	For installations with no override cylinder. Connector under external cover plate. Standard 9V battery usage.	Internal ergonomic knob to activate privacy. Signal reset after each door opening.

Libra X Standard

MODULAR CYLINDER WITH EXTERNAL RFID/BLUETOOTH® ELECTRONIC KNOB (FREE ROTATION) AND INTERNAL MECHANICAL KNOB (STANDARD TYPE)



CODE CONFIGURATOR

8 M X [ ] 8 [ ][ ] [ ][ ] [ ][ ] 6 2 [ ]

- [ ] Heavy Duty 1 / Standard 2 / Removable external knob (Heavy Duty) **/**** 4

DIMENSION C / DIMENSION D

C	D
30**	30***
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
...	...
...	...
130	130

L max 260 mm

FINISHES

- 24 Inox - Matte White
- 25 Inox - Matte Black

- [ ] P PANIC function ***/****

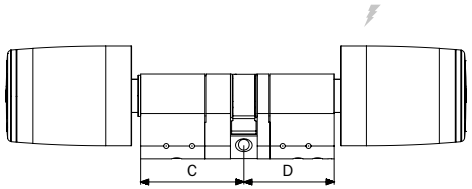
** not available Panic function version
*** not compatible with version “external removable knob”
**** L max 180 mm (L max per side 90 mm)

Product options

HEAVY DUTY LIBRA X KNOB	REMOVABLE EXTERNAL KNOB	PANIC VERSION FOR PANIC LOCK
Version with drilling protection on the opening mechanism.	Removable knob (Heavy Duty characteristics).	Freely rotating with cam returning in vertical position.

Libra X Premium

MODULAR CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION) AND INTERNAL MECHANICAL KNOB (PREMIUM TYPE)



CODE CONFIGURATOR

8 M X [ ] 0 [ ][ ] [ ][ ] [ ][ ] 6 2 [ ]

- Heavy Duty 1
- Standard 2
- Removable external knob (Heavy Duty) **/**** 4

DIMENSION C / DIMENSION D

C	D
30**	30***
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
...	...
...	...
130	130

L max 260 mm

FINISHES

- 24 Inox - Matte White
- 25 Inox - Matte Black

P PANIC function ***/****

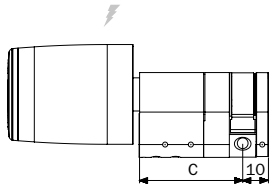
** not available Panic function version
*** not compatible with version “external removable knob”
**** L max 180 mm (L max per side 90 mm)

Product options

HEAVY DUTY LIBRA X KNOB	REMOVABLE EXTERNAL KNOB	PANIC VERSION FOR PANIC LOCK
Version with drilling protection on the opening mechanism.	Removable knob (Heavy Duty characteristics).	Freely rotating with cam returning in vertical position.

Libra X Half

MODULAR HALF KNOB CYLINDER
WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH®
KNOB (FREE-ROTATING)



CODE CONFIGURATOR

8 M X [ ] 0 [ ][ ] 1 0 [ ][ ] 6 2

Heavy Duty 1
Standard 2
Removable external knob (Heavy Duty) *** 4

DIMENSION C
30**/***
35
40
45
50
55
60
65
70
75
...
...
180

L max 190 mm

DIMENSION D

FINISHES
24 Inox - Matte White
25 Inox - Matte Black

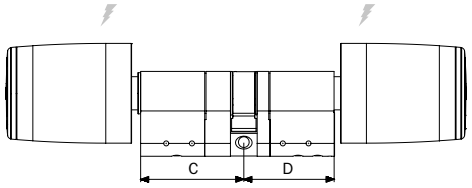
** Libra monoprofile 30/10 removable reader is not modular. Lenght 35/10 and up is modular.
*** L max 90/10

Product options

HEAVY DUTY LIBRA X KNOB	REMOVABLE EXTERNAL KNOB
Version with drilling protection on the opening mechanism.	Removable knob (Heavy Duty characteristics).

Libra X Double

MODULAR CYLINDER WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE-ROTATING) AND INTERNAL ELECTRONIC KNOB (FREE-ROTATING)



CODE CONFIGURATOR

8 M X [ ] E [ ][ ] [ ][ ] [ ][ ] 6 2

Heavy Duty 1
Standard 2

DIMENSION C	DIMENSION D
	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
...	...
...	...
90	90

L max 180 mm

FINISHES

24 Inox - Matte White
25 Inox - Matte Black

** **C** = side with removable electronic knob

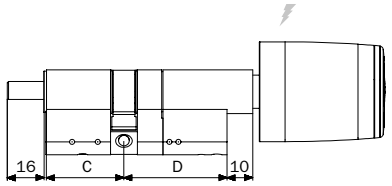
Product options

HEAVY DUTY
LIBRA X KNOB

Version with drilling protection on the opening mechanism.

Libra X Removable reader and Extension plug 16 mm

MODULAR CYLINDER FOR ARMORED DOORS WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION), COMPATIBLE WITH CYLINDERS ESCUTCHEON, EXTENSION PLUG AND PRE-ARRANGED FOR INTERNAL KNOB SHAFT D 8X16 MM



CODE CONFIGURATOR

8 M X 3 6 [ ][ ] [ ][ ] [ ][ ] 6 2

DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
70	70
...	...
...	...
90	85

L max 175 mm

FINISHES

- 24 Inox - Matte White
- 25 Inox - Matte Black

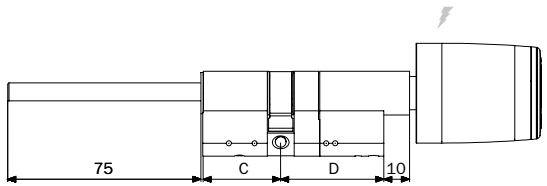
Product options

HEAVY DUTY
LIBRA X KNOB

Version with drilling protection on the opening mechanism.

Libra X Removable reader and Extension plug 75 mm

MODULAR CYLINDER FOR ARMORED DOORS WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH® KNOB (FREE ROTATION), COMPATIBLE WITH CYLINDERS ESCUTCHEON, EXTENSION PLUG AND PRE-ARRANGED FOR INTERNAL KNOB SHAFT D 8X75 MM



CODE CONFIGURATOR

8 M X 3 6 D 0 [ ][ ] [ ][ ] 6 2

DIMENSION C	DIMENSION D	FINISHES
	30	
	35	
	40	
	45	
	50	
	55	24 Inox - Matte White
	60	25 Inox - Matte Black
	70	
	...	
	...	
	85	

L max 115 mm

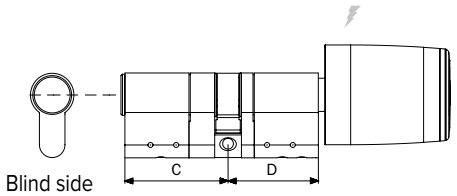
Product options

HEAVY DUTY
LIBRA X KNOB

Version with drilling protection on the opening mechanism.

Libra X Dummy-knob

MODULAR CYLINDER FOR ARMORED DOORS
WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH®
KNOB (FREE ROTATION) AND KNOB-DUMMY
ON INTERNAL SIDE



CODE CONFIGURATOR

8 M X [ ] C [ ][ ] [ ][ ] [ ][ ] 6 2 [ ]

Heavy Duty 1
Standard 2
Removable external knob (Heavy Duty) **/**** 4

DIMENSION C	DIMENSION D
30**	30***
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
...	...
...	...
130	130

L max 260 mm

FINISHES
24 Inox - Matte White
25 Inox - Matte Black

P PANIC function ***/****

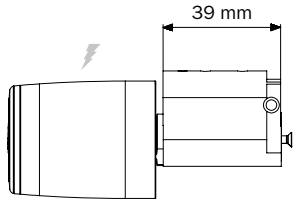
** not available Panic function version
*** not compatible with version “external removable knob”
**** L max 180 mm (L max per side 90 mm)

Product options

HEAVY DUTY LIBRA X KNOB	REMOVABLE EXTERNAL KNOB	PANIC VERSION FOR PANIC LOCK
Version with drilling protection on the opening mechanism.	Removable knob (Heavy Duty characteristics).	Freely rotating with cam returning in vertical position.

Libra X Oval Australian

OVAL AUSTRALIAN ELECTRONIC CYLINDER
WITH EXTERNAL RFID/BLUETOOTH® ELECTRONIC
KNOB (FREE ROTATION)



CODE CONFIGURATOR

8 S X [ ] 9 0 0 [3][9] [ ][ ] 6 2

- [ ]: Heavy Duty 1, Standard 2
- [3][9]: DIMENSION 39
- [ ][ ]: FINISHES
  - 24 Inox - Matte White
  - 25 Inox - Matte Black

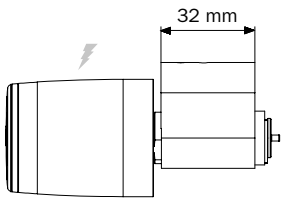
Product options

HEAVY DUTY
LIBRA X KNOB

Version with drilling protection on the opening mechanism.

Libra X Oval Scandinavian

OVAL SCANDINAVIAN ELECTRONIC CYLINDER
WITH EXTERNAL ELECTRONIC RFID/BLUETOOTH®
KNOB (FREE ROTATION)



CODE CONFIGURATOR

8 S X [ ] 2 0 0 [3][2] [ ][ ] 6 2

- [ ]: Heavy Duty 1, Standard 2
- [3][2]: DIMENSION 32
- [ ][ ]: FINISHES
  - 24 Inox - Matte White
  - 25 Inox - Matte Black

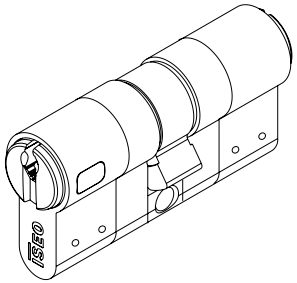
Product options

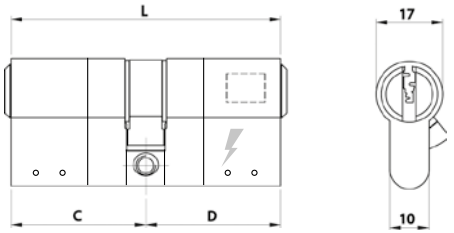
HEAVY DUTY
LIBRA X KNOB

Version with drilling protection on the opening mechanism.

F9000 Cylinders V3 Standard

MODULAR LE60 CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON ONE SIDE ONLY





CODE CONFIGURATOR

8 M V A [ ] [ ][ ] [ ][ ] 9 M [ ][ ]

- [ ]: Standard 0 / Double Function 9
- [ ][ ]: DIMENSION C
- [ ][ ]: DIMENSION D

DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
180	180

- [ ][ ]: **EX** ATEX version *
- [ ][ ]: **VD** VDS version *

L max 260 mm

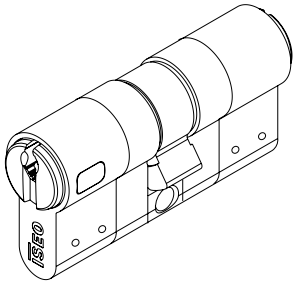
(*) delivery time on request

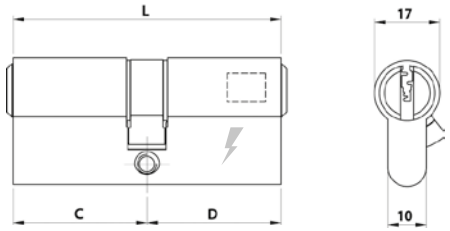
Product options

F9000 ATEX VERSION	VDS BZ+ CERTIFIED VERSION
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).	The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Standard Free Cam

MODULAR LE60 CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
SINGLE-SIDED MECHATRONIC, FREE CAM





CODE CONFIGURATOR

8 M V A L [ ][ ] [ ][ ] 9 M [ ][ ]

DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
95	95

EX ATEX version *
VD VDS version *

L max 125 mm

(*) delivery time on request

Product options

F9000
ATEX VERSION

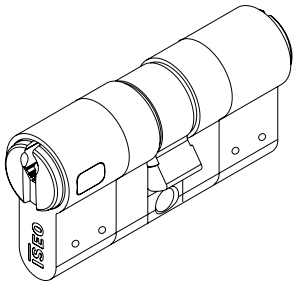
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).

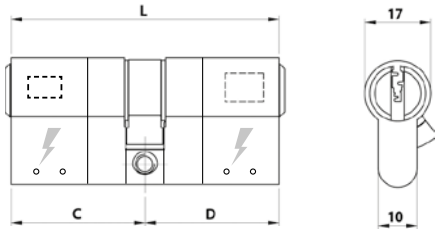
VDS BZ+
CERTIFIED VERSION

The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Double

MODULAR LE60 CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON BOTH SIDES





CODE CONFIGURATOR

8 M V E [ ] [ ][ ] [ ][ ] 9 M [ ][ ]

- [ ]: Standard 0 / Double Function 9
- [ ][ ]: DIMENSION C — 30, 35, 40, 45, 50, 55, 60, 65, 70, ..., 180
- [ ][ ]: DIMENSION D — 30, 35, 40, 45, 50, 55, 60, 65, 70, ..., 180
- [ ][ ]: EX ATEX version * / VD VDS version *

L max 260 mm

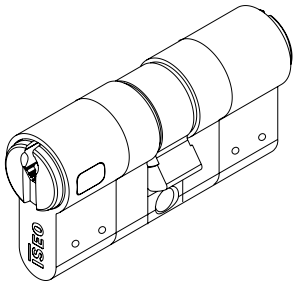
(*) delivery time on request

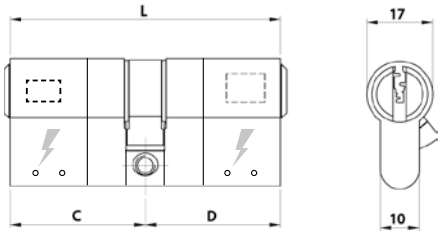
Product options

F9000 ATEX VERSION	VDS BZ+ CERTIFIED VERSION
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).	The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Double Free Cam

MODULAR LE60 CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON BOTH SIDES, FREE CAM





CODE CONFIGURATOR

8 M V E L [ ][ ] [ ][ ] 9 M [ ][ ]

DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
95	95

EX ATEX version *
VD VDS version *

L max 125 mm

(*) delivery time on request

Product options

F9000
ATEX VERSION

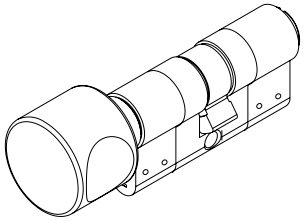
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).

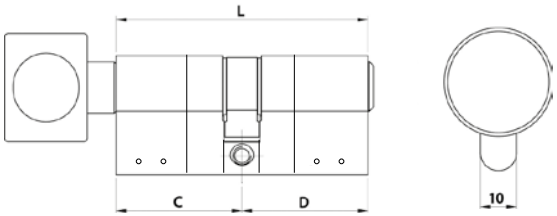
VDS BZ+
CERTIFIED VERSION

The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Knob

MODULAR LE60 CYLINDER,
DOUBLE NICKEL-PLATED EUROPEAN PROFILE,
MECHATRONIC ON ONE SIDE ONLY,
ROUND KNOB ON THE MECHANICAL SIDE





CODE CONFIGURATOR

8 M V A 8 [ ][ ] [ ][ ] 9 M [ ][ ]

DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
180	180

EX ATEX version *
VD VDS version *

L max 260 mm

(*) delivery time on request

Product options

F9000
ATEX VERSION

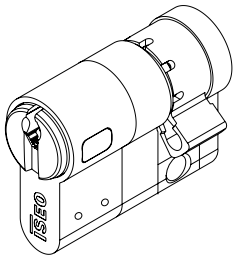
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).

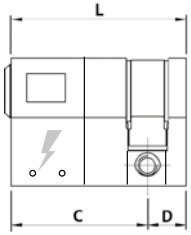
VDS BZ+
CERTIFIED VERSION

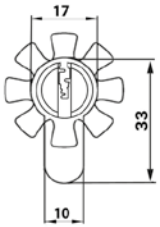
The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Half

MODULAR LE60 CYLINDER, MECHATRONIC
NICKEL-PLATED EUROPEAN MONOPROFILE







CODE CONFIGURATOR

8 M V A 0 [ ][ ] [1][0] 9 M [ ][ ]

DIMENSION C	DIMENSION D
30	10
35	
40	
45	
50	
55	
60	
65	
70	
...	
180	

L max 190 mm

EX ATEX version *
VD VDS version *

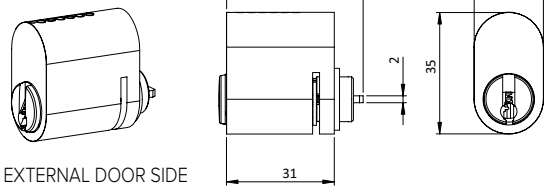
(*) delivery time on request

Product options

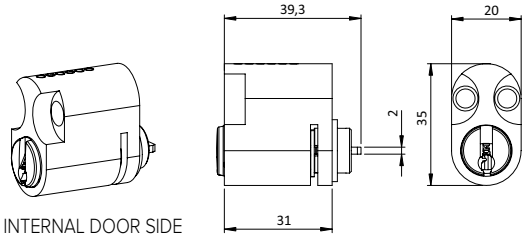
F9000 ATEX VERSION	VDS BZ+ CERTIFIED VERSION
The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).	The VDS BZ+ certified version is available on request.

F9000 Cylinders V3 Oval Scandinavian

MECHATRONIC NICKEL-PLATED SCANDINAVIAN OVAL CYLINDER



EXTERNAL DOOR SIDE



INTERNAL DOOR SIDE

CODE CONFIGURATOR

8 S V A [ ] 0 A [3][2] 9 M [ ][ ]

External door side 2
Internal door side 5

DIMENSION
32

EX ATEX version *

(*) delivery time on request

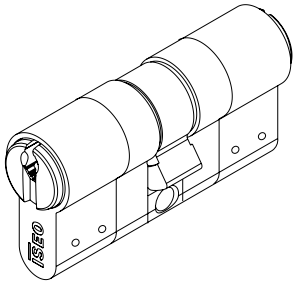
Product options

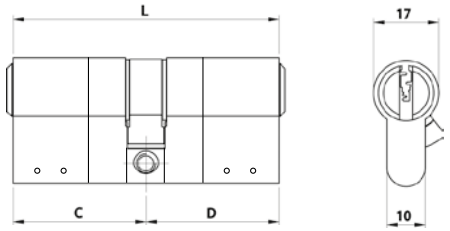
F9000
ATEX VERSION

The F9000 keys (ON, UP, PR, EM) and F9000 cylinders are available as an option for areas at risk of explosion where explosive or flammable gases may be present. The ATEX version of the keys and cylinders is certified ATEX EX 2 G Ex ib IIB T4 (zone 1).

F9 Cylinders European double profile

MODULAR LE60 CILINDER, EUROPEAN NICKEL-PLATED DOUBLE PROFILE





CODE CONFIGURATOR

8 M F A [ ] [ ][ ] [ ][ ] 9 M

	DIMENSION C	DIMENSION D
Standard 0 / Double Function 9	30	30
	35	35
	40	40
	45	45
	50	50
	55	55
	60	60
	65	65
	70	70
	...	...
	180	180

L max 260 mm*

- Special lenght with C=28/33 mm and/or D =28/33 are just in compact version available

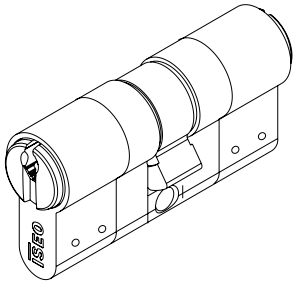
Product options

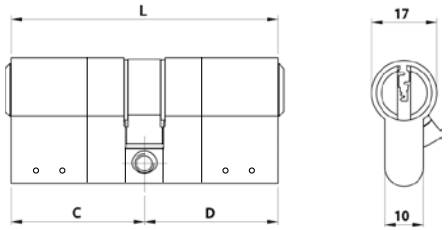
DOUBLE FUNCTION CAM

The rotation of the cam is not linked to the first key inserted. In other words, if a key is inserted on one side, by inserting the second key from the opposite side, we can rotate the cam with both keys inserted.

F9 Cylinders European double profile, free cam

MODULAR LE60 CILINDER, EUROPEAN
NICKEL-PLATED DOUBLE PROFILE, FREE CAM





CODE CONFIGURATOR

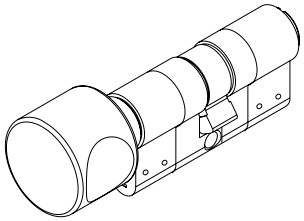
8 M F A L [ ][ ] [ ][ ] 9 M

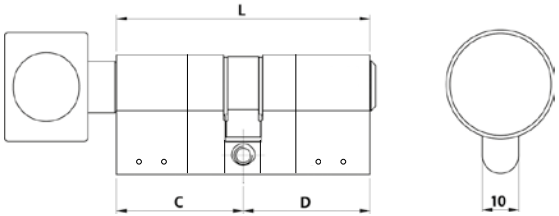
DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
95	95

L max 125 mm*

F9 Cylinders European double profile, round knob

MODULAR LE60 CILINDER, EUROPEAN
NICKEL-PLATED DOUBLE PROFILE, ROUND KNOB





CODE CONFIGURATOR

8 M F A 8 [ ][ ] [ ][ ] 9 M

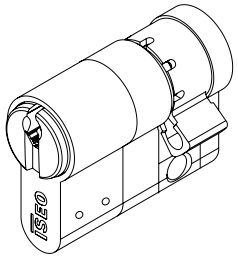
DIMENSION C	DIMENSION D
30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
...	...
180	180

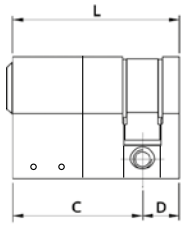
L max 260 mm*

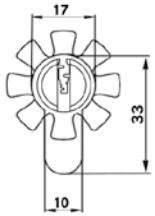
- Special lenght with C=28/33 mm and/or D =28/33 are just in compact version available

F9 Cylinders European single profile

MODULAR LE60 CILINDER, EUROPEAN NICKEL-PLATED SINGLE PROFILE







CODE CONFIGURATOR

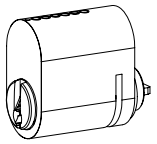
8 M F A 0 [ ][ ] [1][0] 9 M

DIMENSION C	DIMENSION D
30	10
35	
40	
45	
50	
55	
60	
65	
70	
...	
180	

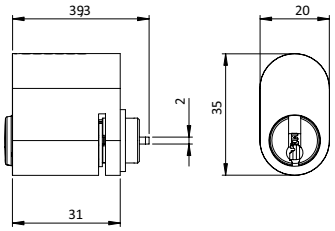
L max 190 mm *

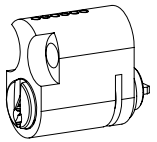
F9 Cylinders Oval Scandinavian

OVAL SCANDINAVIAN NICKEL-PLATED CYLINDER

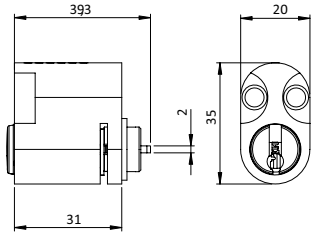


EXTERNAL DOOR SIDE





INTERNAL DOOR SIDE



CODE CONFIGURATOR

8 S F A [ ] 0 A [3 2] 9 M

DIMENSION
32

External door side 2
Internal door side 5

(*) delivery time on request

Phased out products

The table shows the replacement codes for phased out products. If no replacement code is available, please consult the catalogue to assess the right product solution.

Code	Product model	Version	Title	New version	Substitution code	Go to page
00E1xxx152x	Aries	2.0	Standard	2.1	00E1xxx162x	
00E1xxx152x	Aries	2.0	For panic devices	2.1	00E1xxx162x	
00E2xxx152xI	Aries	2.0	For custom handles	2.1	00E2xxx162xI	
00E2xxx152xI	Aries	2.0	For custom handles for panic devices	2.1	00E2xxx162xI	
00E1xxx152x	Aries	2.0	For DIN lock	2.1	00E1xxx162x	
00E19x0152x	Aries	2.0	For fire locks	2.1	00E19x0162x	
00E1Axx152x	Aries	2.0	For Premi Apri Meroni locks	2.1	00E1Axx162x	
1EL10152	Locker	2.0	Electronic lock for cabinets	2.1	1ES10162	
8MKx8xxxxxx62x	Libra LE60	2.1	Standard	Libra X	8MXx8xxxxxx62x	
8MKx0xxxxxx62x	Libra LE60	2.1	Premium	Libra X	8MXx0xxxxxx62x	
8MKx0xx10xx62	Libra LE60	2.1	Half	Libra X	8MXx0xx10xx62	
8MKxExxxxxx62	Libra LE60	2.1	Double	Libra X	8MXxExxxxxx62	
8MK36xxxxxx62	Libra LE60	2.1	Removable reader and Extension plug 16 mm	Libra X	8MX36xxxxxx62	
8MK36D0xxxx62	Libra LE60	2.1	Removable reader and Extension plug 75 mm	Libra X	8MX36D0xxxx62	
8MKxCxxxx62x	Libra LE60	2.1	Dummy-knob	Libra X	8MXxCxxxx62x	
8SKx90039xx62	Libra LE60	2.1	Oval Australian	Libra X	8SXx90039xx62	
8SKx20032xx62	Libra LE60	2.1	Oval Scandinavian	Libra X	8SXx20032xx62	

Phased out products

Code	Product model	Version	Title	New version	Substitution code	Go to page
8MSAxxxxx9Mxx	F9000 Cylinders	V2	Standard	V3	8MVAxxxxx9Mxx	
8MSALxxxx9Mxx	F9000 Cylinders	V2	Standard Free Cam	V3	8MVALxxxx9Mxx	
8MSExxxxx9Mxx	F9000 Cylinders	V2	Double	V3	8MVExxxxx9Mxx	
8MSELxxxx9Mxx	F9000 Cylinders	V2	Double Free Cam	V3	8MVELxxxx9Mxx	
8MSA8xxxx9Mxx	F9000 Cylinders	V2	Knob	V3	8MVA8xxxx9Mxx	
8MSA0xx109Mxx	F9000 Cylinders	V2	Half	V3	8MVA0xx109Mxx	
8SSAx0A329Mxx	F9000 Cylinders	V2	Oval Scandinavian	V3	8SVAx0A329Mxx	
87SA040859M	F9000 Cylinders	V2	External rim nickel-plated, diam. 35 mm, U.S. type	V3	87VA040859M	
87SA050859M	F9000 Cylinders	V2	External rim nickel-plated, diam. 40 mm	V3	87VA050859M	
87SA23F259M.E	F9000 Cylinders	V2	Round threaded nickel-plated	V3	87VA23F259M.E	
87SA23F259M.G	F9000 Cylinders	V2	Round threaded nickel-plated	V3	87VA23F259M.G	
87SA26M259M	F9000 Cylinders	V2	Threaded nickel-plated M26, with signalling microswitch	V3	87VA26M259M	
80SAMKI030xx	F9000 Keys	ON	ON User Key	ON5	80SAMKI035xx	
80SAMKI03Z	F9000 Keys	ON	ON User Key with acoustic signals	ON5	80SAMKI03W	
80SAMKI130xx	F9000 Keys	ON	ON User Key with RFID transponder Mifare Classic	ON5	80SAMKI135xx	
80SAMKI330xx	F9000 Keys	ON	ON User Key with RFID transponder Mifare DESFire	ON5	80SAMKI335xx	
80SAMKI0S0xx	F9000 Keys	UP	UP User Key standard	ON5	80SAMKI0S5xx	

Phased out products

Code	Product model	Version	Title	New version	Substitution code	Go to page
80SAMKI0SZ	F9000 Keys	UP	UP User Key with acoustic signals	ON5	80SAMKI0SW	
80SAMKI1S0xx	F9000 Keys	UP	UP User key with RFID transponder RFID Mifare Classic	ON5	80SAMKI1S5xx	
80SAMKI3S0xx	F9000 Keys	UP	UP User key with RFID transponder RFID Mifare DESFire	ON5	80SAMKI3S5xx	
80SE00I030xx	F9000 Keys	PR	PR Programmer Key	ON5	80SE00I035xx	
80SE00IPS0xx	F9000 Keys	EM	EM Emergency Key	ON5	80SE00IPS5xx	
80SE00ILS0xx	F9000 Keys	LO	LO Lockout Key	ON5	80SE00ILS5xx	
80SE00IRS0xx	F9000 Keys	RL	RL Reversal Lockout Key	ON5	80SE00IRS5xx	
5E1320126	Stylos		Credential reader with led	1NCA Mullion	5E152312	
5E1322106	Stylos		All-weather credential reader module	1NCA Mullion	5E152312	
004S103	HyperGate PRO	Luckey	Gateway HyperGate Pro for Luckey	HyperGate Lite WiFi Luckey	5E07S524	
004S103	HyperGate PRO	Luckey	Gateway HyperGate Pro for Luckey	HyperGate Lite POE Luckey	5E07S514	
5E405200	Credentials	DESFire EV2	User card (ISEO logo). UID printed	DESFire EV3	5E406200	
5E405220	Credentials	DESFire EV2	User card (blank). UID printed	DESFire EV3	5E406220	
5E415200	Credentials	DESFire EV2	Keyfob transponder (ISEO logo). UID printed on the back	DESFire EV3	5E416200	

Accessories for discontinued items

Code	Accessories for	Version	Title	New version	Substitution code	Go to page
003302	Libra	2.1 (NO Libra X)	Assembly/disassembly tooling kit for electronic knob cover	Libra X	003140	
003092	Libra	2.1 (NO Libra X)	Assembly/disassembly tooling kit for electronic knob cover with regular pliers	Libra X	003140	
003317	Libra	2.1 (NO Libra X)	Assembly/disassembly tooling kit for electronic knob cover with torque wrench and key for anti-intrusion protector	Libra X	003140	
003301	Libra	2.1 (NO Libra X)	Assembly/disassembly tooling kit for electronic knob cover with regular pliers and key for anti-intrusion protector	Libra X	003140	
58200000E0360	Aries	2.0	Lithium battery for power supply	Aries 2.1	commercial product: 2 alkaline batteries 1.5V type AA	
003091	Libra	1.0 (NO LE60)	Lithium battery for power supply with connection cable	Libra LE60, Libra X	commercial product: 1 3V lithium battery type CR123	
E03273	F9000 Keys	DESFire EV2	Back cover with RFID transponder kit	DESFire EV3	E03280	

ISEO®

ULTIMATE ACCESS TECHNOLOGIES

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