



ISEO Zero1

ELECTRONIC
SOLUTIONS



ISEO Zero1

ELECTRONIC SOLUTIONS

1 ACCESS CONTROL

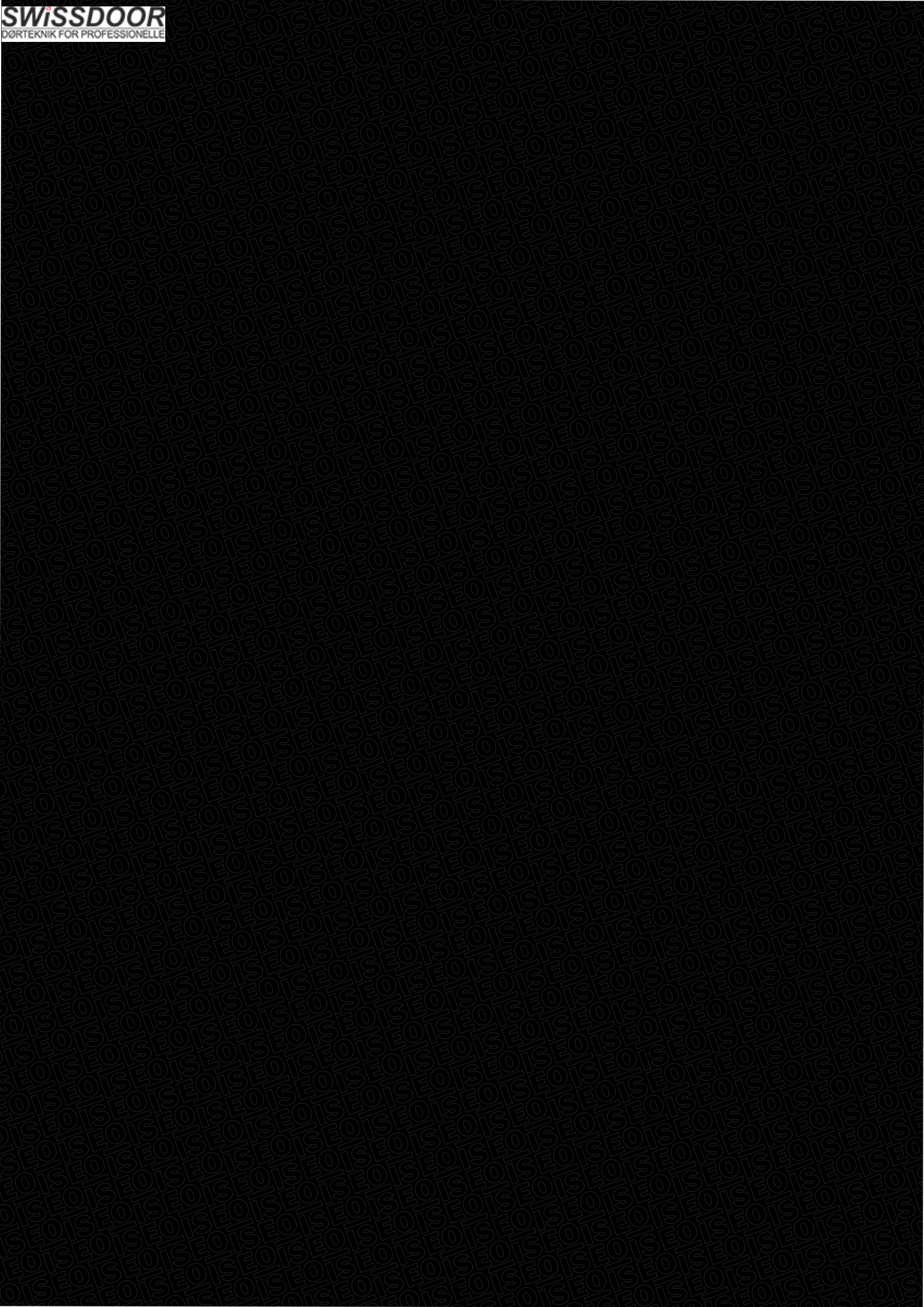
2 ELECTRONIC LOCKS

3 EMERGENCY EXIT CONTROLS

4 FIRE DOOR CONTROLS AND FIRE PREVENTION

5 ELECTRIC LOCKS





**Access
control**



Access control

ISEO Zero1 is a wide range of electronic access control devices which meets every application and installation exigencies. You can choose different solutions according to door typology and security level you need:

- wired devices such as Stylos credential readers, control systems and smart solenoid locks;

- off-line battery operated devices which don't require any wiring, such as Aries electronic trim set and Libra electronic cylinder;

- mechatronic cylinders with power source on the key only, such as CSF F9000.

All the present devices, together with the ones which will be conceived in the future, can be combined to create integrated access control systems sharing identification systems (credential) and operating logic.

The Iseo Zero1 systems' functions change according to the different features and dimensions of the access control systems needed by the customers.

SIMPLY

Control system for small and medium installations with relative low variations. It is based on the use of precoded card and without any software on PC. It is the electronic version of the mechanical MK systems.

SIRIO

It is an advanced access control software allowing to manage both on-line and off-line accesses in an almost transparent way for the user. The web technology on which it is based, the various autonomous device levels and the modern functions make it one of the most advanced system available on the market, able to manage almost infinite users and gates. The system is totally scalable and can manage both small installations and installations with thousands of gates in different countries or continents.

SIRIO's versatility and modularity allow to integrate not only access control systems, but also video surveillance, alarm, time attendance systems, etc.

Aries

Libra

Stylos Line

F9000

Simply

Sirio



THIS PRODUCT WAS NOMINATED FOR THE AWARD
COMPASSO D'ORO ADI BY
ADI DESIGN INDEX 2013



Aries



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

Key points

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

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

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

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

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

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

Main functions

- Multistandard RFID Reader (ISO14443A/ISO14443B/Long range 13,56MHz)
- Wake up by RFID card detection (patented) or Real Time Clock.
- Energy-friendly, battery-operated device
- Permanently open mode (office mode) without no extra battery consumption.
- Battery charge status.
- Real Time Clock/Calendar.
- Handle movement detection.
- Emergency mechanical key detection.
- Privacy signal.
- Narrow profile (38 mm).
- Compatible with most mechanical lock.
- Quick and easy installation.
- Light and acoustic signals.
- On-site software upgrading.
- IP55 version for outdoor installation.

Aries

Technical features:

RFID Reader Multistandard 13,56 Mhz:

- ISO14443A (Mifare Classic, Plus, Desfire);
- ISO14443B (i.e. ST microprocessors cards);
- Long range;
- NFC (RFID card emulation).

Communication interface: RFID Near Field Magnetic communication.

Main batteries:

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

Battery life:

- Up to 5 years (*);
- Up to 50.000 opening (*);
- 3 levels battery charge detection.

Emergency override cylinder:

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

External emergency power supply:

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

Follower/cylinder center distance:

- 70, 72, 85 and 92 mm.

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

Privacy device (optional):

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

Software:

Two versions available:

- "Simply" with precoded cards;
- "Offline" with management software SIRIO;
- OEM development platform available;
- On-site software upgrading.

Finishes:

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

Handle:

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

Mechanical locks compatibility:

- 7, 8 or 9 (**) mm handle follower;
- Center distance follower/cylinder 70, 72, 85 and 92 mm;
- Backset: minimum 25 mm. European profile cylinder hole;
- Latchbolt only or automatic deadbolt function.

Door thickness:

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

 : antibacterial protection

Aries

Environmental characteristics:

- Operating temperature: -20°C ÷ +60°C;
- Storage temperature: -25°C ÷ +75°C;
- Protection system (IP grading): IP54 or IP55.

Dimensions:

- Plate width: 38 mm;
- Plate length: 294 mm;
- Plate thickness: 17 mm;
- Handle length: 131 mm from plate center;
- Weight: 1530 gr.

(*) Depending on usage, environment, options.

(**) With adaptor.

OPTIONS AND VERSIONS:

With and without privacy device;

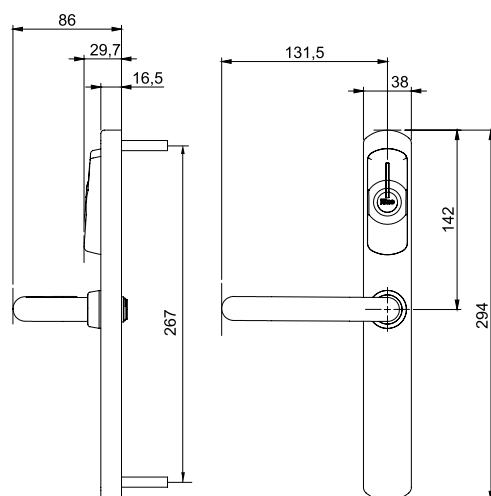
With mechanical emergency key override:

- Hidden cylinder (under the external cover);
- Visible cylinder (85 mm center distance).

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

Black plastic underplate (70 mm width);

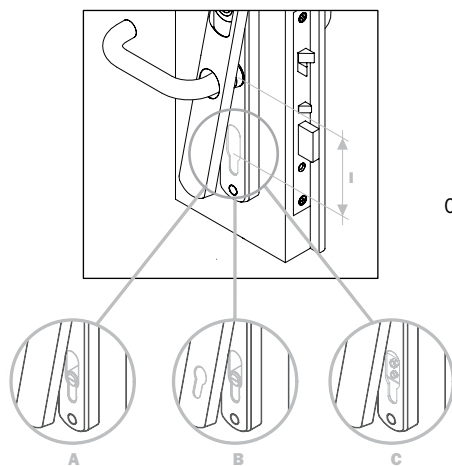
IP54 version for protected installations or IP55 version for outdoor installations.



Aries products selection guide

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

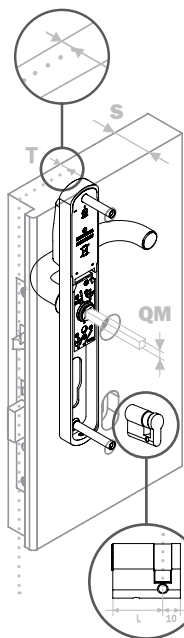
1. Electronic trim set Aries (compulsory)



0	0	E	1	X	X	X	1	0	X	X
				Without cylinder hole 1						
				Cylinder hole center distance 85 mm 2						
				For interior (IP54) 1						
				For exterior (IP55) 5						
				Electric emergency – with privacy 1						
				Electric emergency – without privacy 2						
				Mechanical emergency – with privacy 3						
				Mechanical emergency – without privacy 4						
										FINISHES
										2 Inox
										K Polished Inox
										S Satin Brass
										L Polished Brass
										1 SIMPLY software
										2 OFFLINE software

Privacy	YES
	NO
Override	A HIDDEN mechanical override
	B Visible mechanical override I=70*
	Visible mechanical override I=72 *
	Visible mechanical override I=85
	Visible mechanical override I=92 *
	C Electric override
Finish	2 Inox
	K Polished Inox
	S Satin Brass
	L Polished Brass
Environmental protection (IP grade)	IP54 (internal use)
	IP55 (external use)
Software	Simply
	Offline

*Available on request



Aries products selection guide

2. Handle follower and screws set (compulsory)

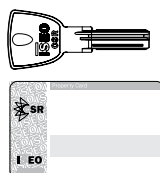
Handle follower (QM = mm)	7 mm
	8 mm
	9 mm
Door thickness (S = mm)	40 - 55 mm
	55 - 70 mm
	70 - 85 mm

3. Override cylinder (optional)

NO (in case of emergency override)		
YES	VISIBLE CYLINDER	HIDDEN CYLINDER
	08 < T < 13 L = 30 + 10 mm	17 < T < 27 L = 30 + 10 mm
	13 < T < 23 L = 40 + 10 mm	27 < T < 37 L = 40 + 10 mm
	23 < T < 33 L = 50 + 10 mm	37 < T < 47 L = 50 + 10 mm

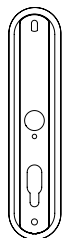
S = door thickness (mm)

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

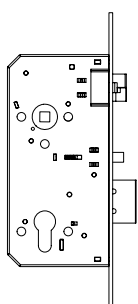


4. Override keys set (optional)

Necessary in case of mechanical override	
1 per plant with KA cylinders	



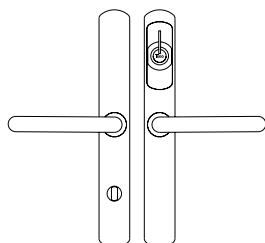
5. Underplate (optional)



6. Lock (optional)

Center
distance
Code
Package

Aries



ELECTRONIC TRIM SET WITH PRIVACY FUNCTION AND HIDDEN MECHANICAL OVERRIDE

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

Mechanical cylinder **override detection (hidden)**, only with ISEO R90 cylinder (page 1-14).

Privacy device.

Security U-shaped handle

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

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

“SIMPLY” SOFTWARE VERSION

IP54 grading

Inox	1	00E11131012	-
Polished Inox	1	00E1113101K	-
Satin brass (PVD)	1	00E1113101S	-
Polished brass (PVD)	1	00E1113101L	-

IP55 grading

Inox	1	00E11531012	-
Polished Inox	1	00E1153101K	-
Satin brass (PVD)	1	00E1153101S	-
Polished brass (PVD)	1	00E1153101L	-

“OFF-LINE” SOFTWARE VERSION

IP54 grading

Inox	1	00E11131022	-
Polished Inox	1	00E1113102K	-
Satin brass (PVD)	1	00E1113102S	-
Polished brass (PVD)	1	00E1113102L	-

IP55 grading

Inox	1	00E11531022	-
Polished Inox	1	00E1153102K	-
Satin brass (PVD)	1	00E1153102S	-
Polished brass (PVD)	1	00E1153102L	-

Aries

ELECTRONIC TRIM SET WITHOUT PRIVACY FUNCTION AND WITH HIDDEN MECHANICAL OVERRIDE

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

Mechanical cylinder **override detection (hidden)**, only with ISEO R90 cylinder (page 1-14).

Without Privacy device.

Security U-shaped handle

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

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

“SIMPLY” SOFTWARE VERSION

IP54 grading

Inox	1	00E11141012	-
Polished Inox	1	00E1114101K	-
Satin brass (PVD)	1	00E1114101S	-
Polished brass (PVD)	1	00E1114101L	-

IP55 grading

Inox	1	00E11541012	-
Polished Inox	1	00E1154101K	-
Satin brass (PVD)	1	00E1154101S	-
Polished brass (PVD)	1	00E1154101L	-

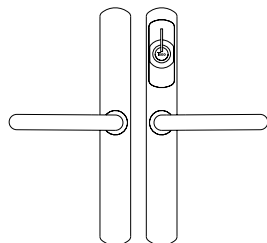
“OFF-LINE” SOFTWARE VERSION

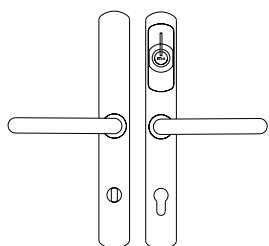
IP54 grading

Inox	1	00E11141022	-
Polished Inox	1	00E1114102K	-
Satin brass (PVD)	1	00E1114102S	-
Polished brass (PVD)	1	00E1114102L	-

IP55 grading

Inox	1	00E11541022	-
Polished Inox	1	00E1154102K	-
Satin brass (PVD)	1	00E1154102S	-
Polished brass (PVD)	1	00E1154102L	-





Aries

ELECTRONIC TRIM SET WITH PRIVACY FUNCTION AND VISIBLE

MECHANICAL OVERRIDE

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

Mechanical cylinder **override detection (visible)**, only with ISEO R90 cylinder (page 1-14).

Follower/cylinder center distance: **85 mm***

Privacy device.

Security "U" shaped handle.

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

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

"SIMPLY" SOFTWARE VERSION

IP54 grading

Inox	1	00E12131012	85
Polished Inox	1	00E1213101K	85
Satin brass (PVD)	1	00E1213101S	85
Polished brass (PVD)	1	00E1213101L	85

IP55 grading

Inox	1	00E12531012	85
Polished Inox	1	00E1253101K	85
Satin brass (PVD)	1	00E1253101S	85
Polished brass (PVD)	1	00E1253101L	85

"OFF-LINE" SOFTWARE VERSION

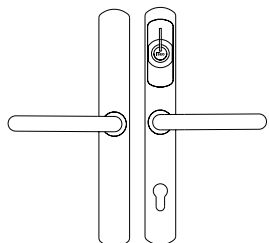
IP54 grading

Inox	1	00E12131022	85
Polished Inox	1	00E1213102K	85
Satin brass (PVD)	1	00E1213102S	85
Polished brass (PVD)	1	00E1213102L	85

IP55 grading

Inox	1	00E12531022	85
Polished Inox	1	00E1253102K	85
Satin brass (PVD)	1	00E1253102S	85
Polished brass (PVD)	1	00E1253102L	85

(*) Further center distance available on request (70, 72 and 92 mm)



Aries

ELECTRONIC TRIM SET WITHOUT PRIVACY FUNCTION, WITH VISIBLE MECHANICAL OVERRIDE

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

Mechanical cylinder **override detection (visible)**, only with ISEO R90 cylinder (page 1-14).

Follower/cylinder center distance: **85 mm***

Without Privacy device.

Security "U" shaped handle.

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

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

"SIMPLY" SOFTWARE VERSION

IP54 grading

Inox	1	00E12141012	85
Polished Inox	1	00E1214101K	85
Satin brass (PVD)	1	00E1214101S	85
Polished brass (PVD)	1	00E1214101L	85

IP55 grading

Inox	1	00E12541012	85
Polished Inox	1	00E1254101K	85
Satin brass (PVD)	1	00E1254101S	85
Polished brass (PVD)	1	00E1254101L	85

"OFF-LINE" SOFTWARE VERSION

IP54 grading

Inox	1	00E12141022	85
Polished Inox	1	00E1214102K	85
Satin brass (PVD)	1	00E1214102S	85
Polished brass (PVD)	1	00E1214102L	85

IP55 grading

Inox	1	00E12541022	85
Polished Inox	1	00E1254102K	85
Satin brass (PVD)	1	00E1254102S	85
Polished brass (PVD)	1	00E1254102L	85

(*) Further center distance available on request (70, 72 and 92 mm)

Center
distance
Code
Package

Aries

ELECTRONIC TRIM SET WITH PRIVACY FUNCTION AND WITHOUT MECHANICAL OVERRIDE

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

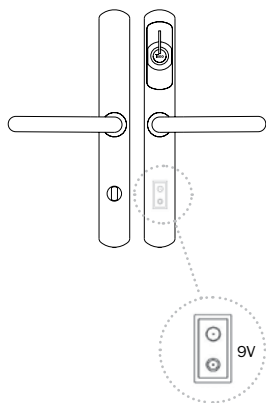
External **emergency power supply**

Privacy device.

Security "U" shaped handle.

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

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



"SIMPLY" SOFTWARE VERSION

IP54 grading

Inox	1	00E11111012	-
Polished Inox	1	00E1111101K	-
Satin brass (PVD)	1	00E1111101S	-
Polished brass (PVD)	1	00E1111101L	-

IP55 grading

Inox	1	00E11511012	-
Polished Inox	1	00E1151101K	-
Satin brass (PVD)	1	00E1151101S	-
Polished brass (PVD)	1	00E1151101L	-

"OFF-LINE" SOFTWARE VERSION

IP54 grading

Inox	1	00E11111022	-
Polished Inox	1	00E1111102K	-
Satin brass (PVD)	1	00E1111102S	-
Polished brass (PVD)	1	00E1111102L	-

IP55 grading

Inox	1	00E11511022	-
Polished Inox	1	00E1151102K	-
Satin brass (PVD)	1	00E1151102S	-
Polished brass (PVD)	1	00E1151102L	-

Center
distance
Code
Package

Aries

ELECTRONIC TRIM SET WITHOUT PRIVACY FUNCTION AND WITHOUT MECHANICAL OVERRIDE

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

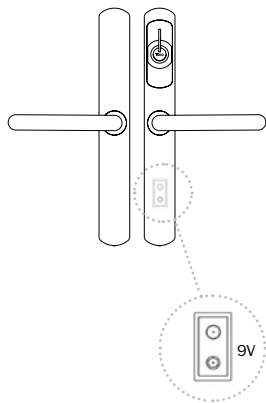
External **emergency power supply**

Without Privacy device.

Security "U" shaped handle.

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

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



"SIMPLY" SOFTWARE VERSION

IP54 grading

Inox	1	00E11121012	-
Polished Inox	1	00E1112101K	-
Satin brass (PVD)	1	00E1112101S	-
Polished brass (PVD)	1	00E1112101L	-

IP55 grading

Inox	1	00E11521012	-
Polished Inox	1	00E1152101K	-
Satin brass (PVD)	1	00E1152101S	-
Polished brass (PVD)	1	00E1152101L	-

"OFF-LINE" SOFTWARE VERSION

IP54 grading

Inox	1	00E11121022	-
Polished Inox	1	00E1112102K	-
Satin brass (PVD)	1	00E1112102S	-
Polished brass (PVD)	1	00E1112102L	-

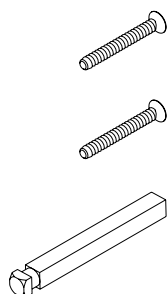
IP55 grading

Inox	1	00E11521022	-
Polished Inox	1	00E1152102K	-
Satin brass (PVD)	1	00E1152102S	-
Polished brass (PVD)	1	00E1152102L	-

Package

Code

Aries



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.

7 mm Spindle

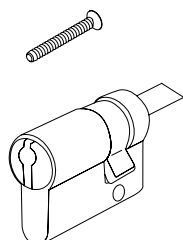
Door thickness from 40 to 55 mm	1	201E074055A
Door thickness from 55 to 70 mm	1	201E075570A
Door thickness from 70 to 85 mm	1	201E077085A

8 mm Spindle

Door thickness from 40 to 55 mm	1	201E004055A
Door thickness from 55 to 70 mm	1	201E005570A
Door thickness from 70 to 85 mm	1	201E007085A

9 mm Spindle

Door thickness from 40 to 55 mm	1	201E094055A
Door thickness from 55 to 70 mm	1	201E095570A
Door thickness from 70 to 85 mm	1	201E097085A



OVERRIDE MECHANICAL CYLINDER

Monoprofile with usage detection plate

High Security ISEO R90 Factory

Up to 3 mechanical recodings

KA on the same installation

Nickel plated finish

Without keys

Package: 1 cylinder, 1 fixing screw

NOTE: Select the right dimension depending on door and lock features
(see guide at page 1-7 paragraph 3).

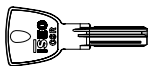
Override keys to be ordered separately.

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

Package

Code

Aries



OVERRIDE KEYS KIT

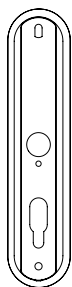
3 R90 keys in sequence

Property cards

Package: 3 keys, 2 property cards

1

80RCKR0F0



PLASTIC UNDERPLATE

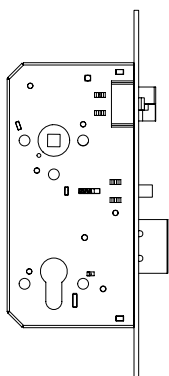
Black plastic underplate

Dimensions: H=312 mm, L=70 mm

Package: 1 underplate

1

529E00000



AUTOMATIC MECHANICAL LOCK

Mortise lock, **automatic deadbolt function** (18 mm extension)

Panic exit function, splitted latchbolt, antipicking device (reversible).

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

Inox finish, squared/rounded frontplate

Package: 1 lock, 1 striking plate.

Squared frontplate

1

207553.Z

Rounded frontplate

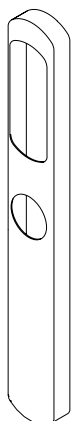
1

217553.Z

Package

Code

Aries

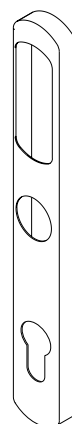


AESTHETIC EXTERNAL COVER

Without cylinder hole

Package: 1 cover

Inox	1	561E1120240
Polished Inox	1	561E1120230
Satin brass (PVD)	1	561E1120220
Polished brass (PVD)	1	561E1120210



AESTHETIC EXTERNAL COVER

With cylinder hole (85 mm center distance)*.

Package: 1 cover

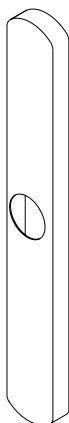
Inox	1	561E1220240
Polished Inox	1	561E1220230
Satin brass (PVD)	1	561E1220220
Polished brass (PVD)	1	561E1220210

(*) Further center distance available on request (70, 72 and 92 mm)

Package

Code

Aries

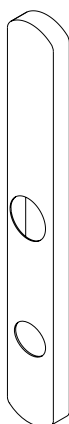


AESTHETIC EXTERNAL COVER

Without cylinder hole

Package: 1 cover

Inox	1	561E1130240
Polished Inox	1	561E1130230
Satin brass (PVD)	1	561E1130220
Polished brass (PVD)	1	561E1130210



Aesthetic external cover

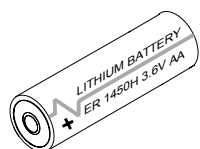
With cylinder hole (85 mm center distance)

Package: 1 cover

Inox	1	561E1330240
Polished Inox	1	561E1330230
Satin brass (PVD)	1	561E1330220
Polished brass (PVD)	1	561E1330210

Package

Code



BATTERY

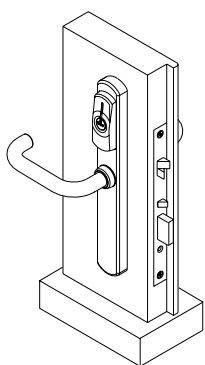
High current lythium battery

Size AA, 3.6 Vcc

Package: 1 battery

10

58200000E0360



DEMO KIT ON WOODEN STAND

Automatic deadbolt mechanical lock, electronic trim set with privacy device,
Emergency override cylinder non visible (with 1 key), underplate on inner side,
Handle and box for easy transportation

Demo cards set

Package: 1 demo display, 1 emergency key, 1 demo cards kit.

Inox	1	FXK00E2
Polished Inox	1	FXK00EK
Satin brass (PVD)	1	FXK00ES
Polished brass (PVD)	1	FXK00EL





Libra



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

Key points

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

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

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

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

Main function

- Multistandard RFID Reader (ISO14443A/ISO14443B/NFC 13,56MHz).
- Wake up by RFID card or phone detection (patented) or Real Time Clock.
- Low consumption battery operated.
- Permanently open mode (office mode) without extra battery consumption.
- Batteries voltage monitoring.
- Real Time Clock/Calendar.
- Compact size and innovative design.
- Compatible with all the mechanical locks equipped with an European profile cylinder hole (EN1303, DIN 18252).
- Very easy and quick installation.
- Heavy Duty version with drilling protection over cylinder core and IP66/IP67/IP69 grading.
- Optical and acoustic signalling.
- On-site software upgrading.
- 4 finishes and 2 colors.

Libra

Technical features:

RFID Reader:

- Multistandard 13,56 Mhz:
 - ISO14443A (Mifare Classic, Plus, Desfire)
 - ISO14443B (i.e. ST microprocessor cards)
 - NFC (card emulation and Peer-to-Peer)

Communication interface:

- RFID Near Field Magnetic communication.

Main batteries:

- 1 X 2/3A ER17335M 3.6Vcc lithium battery
- Battery replacement from outside with door closed.

Battery life (endurance):

- Up to 5 years (*)
- Up to 50.000 opening (*)
- 3 levels battery charge detection

Signalling:

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

Software:

- "Sirio" management software version available
- "Simply" version available
- OEM development platform available
- On-site software upgrading

Finishes (metal part):

- Inox
- Polished Inox
- Satin brass
- Polished brass

Colors (plastic parts):

- Glossy black
- Glossy white
- Special colors on request

Mechanical lockcase compatibility:

- Euro profile cylinder hole (EN1303, DIN18252)

Door thickness:

- Up to 120 mm (standard execution)
- Up to 140 mm (special execution)

Environmental characteristics:

- Operating temperature: -20°C ÷ +70°C
- Storage temperature: -25°C ÷ +75°C
- Protection system (IP grading): IP54 (IP66/IP67/IP69 for Heavy Duty version)

Electronic knob dimensions:

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

Mechanic knob "Standard" dimensions:

- External diameter: 30 mm
- Length: 31 mm

Libra

Mechanic knob "Premium" dimensions:

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

Stator dimensions (double knob version):

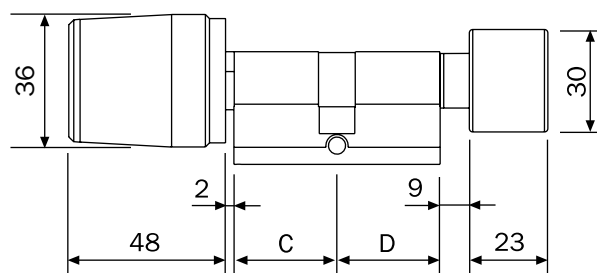
- Minimum 30-30 mm
- Steps 5 mm
- Maximum total length 140 mm

Stator dimensions (half cylinder version):

- Minimum 30-10 mm
- Steps 5 mm
- Maximum 90-10 mm

Options and versions:

Electronic knob outside and mechanic "Standard" knob inside;
Electronic knob outside and mechanic "Premium" knob inside;
Electronic knob outside and electronic knob inside;
Half cylinder with electronic knob outside;
Panic locks version (on request);
Internal usage version (IP54)
Heavy Duty external usage All-Weather version (IP66 and maximum burglary protection)
Radio communication module (**).



C= 30/35/40/45/50/55/60/65/70/75/80/85/90
D= 30/35/40/45/50/55/60/65/70/75/80/85/90

(*) Depending on usage, environment, options.

(**) Available starting from the second half of 2014.

Libra Premium

ELECTRONIC CYLINDER WITH RFID READER AND “PREMIUM” MECHANICAL KNOB

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

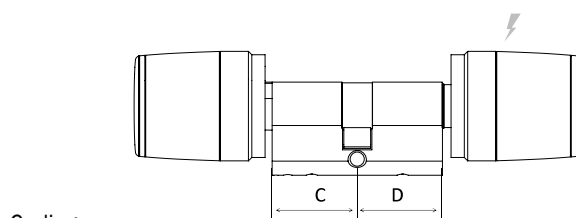
“Premium” mechanical knob on internal side. Maximal body length 120 mm.

European profile and DIN cam. 6 finishes available.

Internal usage (IP54) and external usage (IP66 Heavy Duty) versions.

“SIMPLY” or “OFF-LINE” software.

Package: 1 cylinder, cylinder fixing screw M5 L=85 mm, 2 mm hex key, instruction sheet



Coding

8 2 K		<div>X</div>	0	<div>X</div> <div>X</div>	<div>X</div> <div>X</div>	<div>X</div> <div>X</div>	1	<div>X</div>
External usage version (IP66 Heavy Duty)		1	DIMENSION C		DIMENSION D		FINISHES	
Internal usage version (IP54)		2						
			30		30			
			35		35			
			40		40		25 Inox - Black	
			45		45		K5 Polished Chrome - Black	
			50		50		S5 Satin brass - Black	
			55		55		L5 Polished Brass - Black	
			60		60		K4 Polished Chrome - White	
			65		65		L4 Polished Brass - White	
			70		70			
			75		75			
			80		80			
			85		85			
			90		90			
			L max 120 mm*					

Example

For internal usage (IP54)

SIMPLY software

Finish: Inox - Black

Dimension C=30 mm

Dimension D=50 mm

(*) bigger length on request

Code 8 2 K 2 0 3 0 5 0 2 5 1 1

Libra Standard

ELECTRONIC CYLINDER WITH RFID READER AND "STANDARD" MECHANICAL KNOB

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

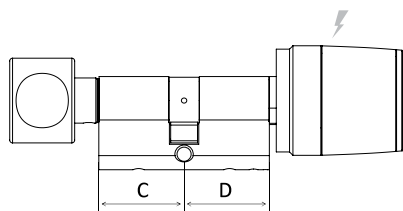
"Standard" mechanical knob on internal side. Maximal body length 120 mm

European profile and DIN cam. 6 finishes available.

Internal usage (IP54) and external usage (IP66 Heavy Duty) versions.

"SIMPLY" or "OFF-LINE" software.

Package: 1 cylinder, cylinder fixing screw M5 L=85 mm, 2 mm hex key, instruction sheet



Coding

8		2	K	<div>X</div>	8	<div>X</div>	<div>X</div>	<div>X</div>	<div>X</div>	1	<div>X</div>
External usage version (IP66 Heavy Duty)					DIMENSION		DIMENSION		FINISHES		
Internal usage version (IP54)					C		D		<div>1</div> Software SIMPLY		
					30		30		<div>2</div> Software OFFLINE		
					35		35		<div>25</div> Inox - Black		
					40		40		<div>K5</div> Polished Chrome - Black		
					45		45		<div>S5</div> Satin brass - Black		
					50		50		<div>L5</div> Polished Brass - Black		
					55		55		<div>K4</div> Polished Chrome - White		
					60		60		<div>L4</div> Polished Brass - White		
					65		65				
					70		70				
					75		75				
					80		80				
					85		85				
					90		90				
					L max 120 mm*						

Example

For internal usage (IP54)

Offline software

Finish: Polished Chrome - Black

Dimension C=40 mm

Dimension D=50 mm

(*) bigger length on request

Code 8 2 K **2 8 4 0 5 0 K 5 1 2**

Libra Double

ELECTRONIC CYLINDER WITH DOUBLE RFID READER

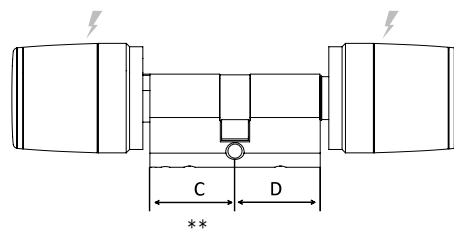
Multistandard RFID Readers (ISO14443A/ISO14443B/NFC 13,56MHz) on external side and internal side.

Maximal body length 120 mm. European profile and DIN cam.

6 finishes available. Internal usage (IP54) and external usage (IP66 Heavy Duty) versions.

“SIMPLY” or “OFF-LINE” software.

Package: 1 cylinder, cylinder fixing screw M5 L= 85 mm, 2 mm hex key, instruction sheet.



Coding

8		2	K	<div>X</div>	E	<div>X</div>	<div>X</div>	<div>X</div>	<div>X</div>	1	<div>X</div>
External usage version (IP66 Heavy Duty)		1		DIMENSION C		DIMENSION D		FINISHES		1 Software SIMPLY	
Internal usage version (IP54)		2		30		30		25		Inox - Black	
				35		35		K5		Polished Chrome - Black	
				40		40		S5		Satin brass - Black	
				45		45		L5		Polished Brass - Black	
				50		50		K4		Polished Chrome - White	
				55		55		L4		Polished Brass - White	
				60		60					
				65		65					
				70		70					
				75		75					
				80		80					
				85		85					
				90		90					
				L max 120 mm*							

Example

For external usage (IP66 Heavy Duty)

SIMPLY software

Finish: Polished Brass - Black

Dimension C=30 mm

Dimension D=40 mm

Code 8 2 K **1** E **3 0 4 0 L 5 1 1**

(*) bigger length on request

(**) **C** = the side with removable electronic knob.

Libra Half

ELECTRONIC HALF CYLINDER WITH RFID READER.

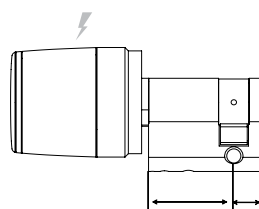
Multistandard RFID Reader (ISO14443A/ISO14443B/NFC 13,56MHz).

Maximal body length 100 mm. European profile and DIN cam.

6 finishes available. Internal usage (IP54) and external usage (IP66 Heavy Duty) versions.

“SIMPLY” or “OFF-LINE” software.

Package: 1 cylinder, cylinder fixing screw M5 L = 85 mm, 2 mm hex key, instruction sheet

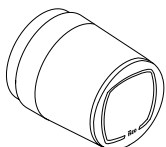


Coding

8	2	K	<div>X</div>	0	<div>X</div> <div>X</div>	<div>X</div> <div>X</div>	<div>X</div> <div>X</div>	1	<div>X</div>		
External usage version (IP66 Heavy Duty)				1	DIMENSION C		DIMENSION D		FINISHES		1 Software SIMPLY
Internal usage version (IP54)				2							2 Software OFFLINE
					30		10				
					35						
					40				25 Inox - Black		
					45				K5 Polished Chrome - Black		
					50				S5 Satin brass - Black		
					55				L5 Polished Brass - Black		
					60				K4 Polished Chrome - White		
					65				L4 Polished Brass - White		
					70						
					75						
					80						
					85						
					90						

Package
Code

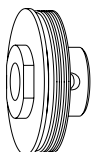
Libra



“PREMIUM” KNOB COVER

Suitable both for RFID reader knob and “Premium” mechanical knob.
Package: 1 cover.

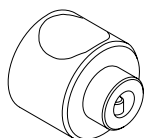
Inox - Black	2	0444025
Polished Chrome - Black	2	04440K5
Satin brass - Black	2	04440S5
Polished brass - Black	2	04440L5
Polished Chrome - White	2	04440K4
Polished brass - White	2	04440L4



ADAPTER FOR MECHANICAL PREMIUM KNOB

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

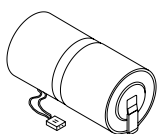
10 **044240**



“STANDARD” MECHANICAL KNOB

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

Inox	10	044232
Polished Chrome	10	04423K
Satin Brass	10	04423S
Polished Brass	10	04423L



BATTERY

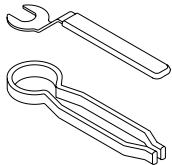
High current lythium battery with connecting cable.
Size 2/3 AA, 3.6 Vcc.
Package: 1 battery

10 **003091**

Package

Code

Libra



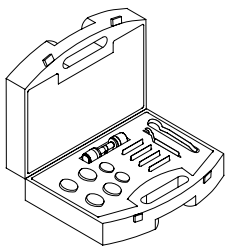
COVER ASSEMBLY/DISASSEMBLY TOOLING KIT FOR ELECTRONIC KNOB COVER

Necessary for battery replacement
Package: 1 wrench, 1 plier, instruction sheet

PLEASE NOTE: the cylinders are delivered WITHOUT these toolings. Please remember to order them separately.

1

003092



DEMO KIT SIMPLY SOFTWARE VERSION.

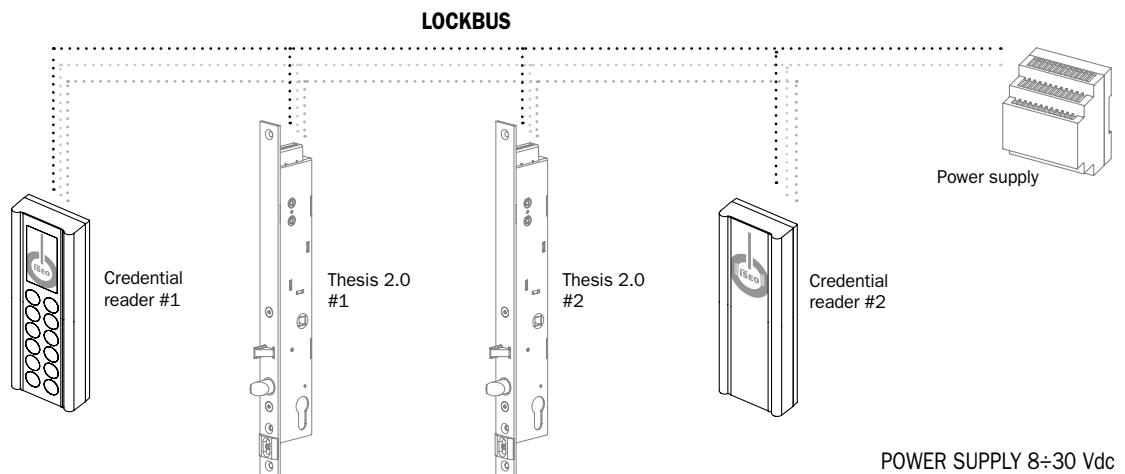
Electronic cylinder with RFID reader and Premium mechanical knob.
Covers in various finishes. Standard mechanical knob.
SIMPLY system Cards Set.
Assembly/disassembly wrench and plier.
Demo Kit instruction sheet.

1

003048



Stylos Line



Stylos credential readers (cards and RFID devices) are an essential part of ISEO integrated access control system. Powerful, flexible, installation- and user-friendly.

Key points

Stylos Line range includes a number of products offering a comprehensive and modular solution for offline access control:

- Credential readers;
- Actuators;
- Power packs.

Credential readers basic range is a combination of:

- Contactless multistandard card and tag readers (*);
- Numerical keyboard and graphic display (PAD).

The readers can be provided in two configurations:

- for wall assembly;
- for built-in assembly in wall plates (switches) (**);

and in the versions:

- for indoors;
- for outdoors (IP66).

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

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

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

Main functions

- Multistandard contactless RFID readers ISO14443/A - ISO14443/B - Long range 13,56 Mhz.
- Wall or built-in assembly readers.
- Power supply from 8 to 30Vdc.
- 3-colour Led (optional).
- Numerical capacitive keyboard (optional).
- Alphanumerical orange display (optional).
- Lockbus interface.
- External IP66 version with Led reader.

(*) ISO 14443A/ISO14443B/Long Range 13,56 Mhz - (**) compatible with BTicino Living INTERNATIONAL series.

Stylos Line

Technical features STYLOS CREDENTIAL READER:

Power supply: 8Vdc to 30Vdc.

Identification: univocal MAC Address.

Memory: 32KByte EEPROM.

Firmware: on-site upgrading.

Display: Yellow graphic display O-Led 128x64 dots (*).

LED: 2 3-colours series Green, Red, Blue (*).

Keyboard: 12 buttons with backlight controlled from firmware (*).

Assembly: - wall assembly

- built-in in wall assembly (compatible with Bticino Living International plates)

Environmental features:

- Operating temperature: -20°C ÷ +60°C

- Storage temperature: -25°C ÷ +75°C.

- IP Protection grade: IP66 (version for outdoors)

Dimensions (AxLxP): 125 x 43 x 23 mm.

Options: antitampering button.

GENERIC ACTUATOR technical features:

Power supply: 8Vdc to 30Vdc.

Identification: univocal MAC Address.

Memory: 32KByte EEPROM.

Firmware: on-site upgrading.

Inputs: 3 Inputs (1 digital, 1 analogic and 1 digital or analogic).

Outputs: 1 relay (24V 1A) + 1 booster (for direct electric lock).

Operating temperature: 0°C ÷ +50°C

Storage temperature: -25°C ÷ +75°C.

Box: for DIN35 rail.

* according to version

Lockbus

LOCAL BUS

All devices of the Stylos Line range are compatible with ISEO Lockbus.

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

Lockbus highlights:

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

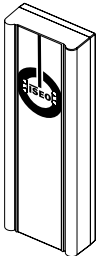
Self-adjusting power supply from 8Vdc to 30Vdc;

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

Package

Code

Stylos Line



CREDENTIAL READER WITH LEDs.

RFID contactless multistandard
ISO14443/A - ISO14443/B - Long Range 13,56 MHz.
Lockbus interface
8-30Vdc Power Supply

Wall mounting.

Package: 1 reader, instruction manual, 2 screws for metal,
2 screws for plastic, 2 fisher adaptors, 1 removal tool.

“SIMPLY” SOFTWARE

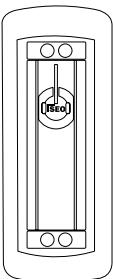
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5E1110103

“OFF-LINE” SOFTWARE

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5E1110123



CREDENTIAL READER WITH LEDs.

RFID contactless multistandard
ISO14443/A - ISO14443/B - Long range 13,56 MHz.
Lockbus interface
8-30Vdc Power Supply

Frame mounting.

Compatible with BTICINO Living International frames.
Package: 1 reader, instruction manual, 1 removal tool.

Note: BTICINO Living International box and frame NOT included.
(The image is for illustrative purposes only).

“SIMPLY” SOFTWARE

1

5E1210103

“OFF-LINE” SOFTWARE

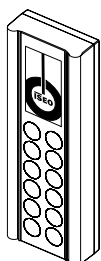
1

5E1210123

Package

Code

Stylos Line



CREDENTIAL READER WITH DISPLAY AND NUMERIC KEYPAD.

RFID contactless multistandard.

ISO14443/A - ISO14443/B - Long range 13,56 MHz.

Lockbus interface. 8-30Vdc Power Supply.

Wall mounting.

Package: 1 reader, instruction manual, 2 screws for metal,
2 screws for plastic, 2 fisher adaptors, 1 removal tool.

“SIMPLY” SOFTWARE

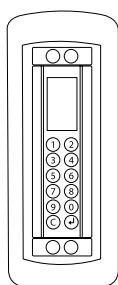
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5E1110403

“OFF-LINE” SOFTWARE

1

5E1110423



CREDENTIAL READER WITH DISPLAY AND NUMERIC KEYPAD.

RFID contactless multistandard.

ISO14443/A - ISO14443/B - Long range 13,56 MHz.

Lockbus interface

8-30Vdc Power Supply

Frame mounting.

Compatible with BTICINO Living International frames.

Package: 1 reader, instruction manual, 1 removal tool.

Note: BTICINO Living International box and frame NOT included.
(The image is for illustrative purposes only).

“SIMPLY” SOFTWARE

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5E1210403

“OFF-LINE” SOFTWARE

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5E1210423

Package

Code

Stylos Line



ALL-WEATHER CREDENTIAL READER MODULE

RFID contactless Multistandard

ISO14443/A - ISO14443B - Long Range 13,56 Mhz.

Multicolor signaling LEDS. **IP66 protection grade.**

Control unit connection cable included (L=5 Mt)

Wall mounting.

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

1

5E1112103



ALL-WEATHER CREDENTIAL READER MODULE

RFID contactless Multistandard

ISO14443/A - ISO14443B - Long Range 13,56 Mhz.

Multicolor signaling LEDS. **IP66 protection grade.**

Control unit connection cable included (L=5 Mt).

Frame mounting

Compatible with BTICINO Living International frames.

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

Note: BTICINO Living International box and frame non included.
(The image is for illustrative purposes only).

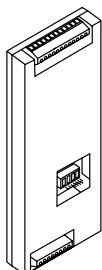
1

5E1212103

Package

Code

Stylos Line



CONTROL UNIT FOR ALL-WEATHER READER MODULE.

Compatible with all-weather credential reader modules.

Lockbus interface.

8-30Vdc Power Supply.

DIN35 rail housing.

Packaging: 1 control uni with connectorst,1 DIN35 rail fixing kit, installation manual.

Note: reader module non included, to be ordered separately.

“SIMPLY” SOFTWARE

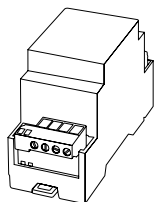
1

5E050008

“OFF-LINE” SOFTWARE

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5E052008



ELECTRIC LOCK ACTUATOR.

1 relay + 1 booster.

3 inputs (1 digital, 1 analog, 1 digital/analog)

Lockbus interface

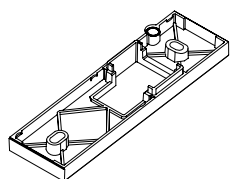
8-30Vdc Power Supply

DIN35 rail mounting.

Package: 1 actuator, instruction manual.

1

5E2501



SPACER FOR CREDENTIAL READER WALL INSTALLATION.

For mounting with external electrical conduit.

Package: 5 spacers.

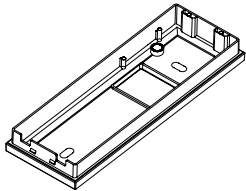
5

5E00000435

Package

Code

Stylos Line



PLASTIC BACK HOUSING FOR CREDENTIAL READER.

Wall mounting version.
Package: 4 back housings.

4

5E00000634

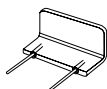


ELECTRICAL JUMPER.

For special multidevice configurations.
Package: 5 jumpers.

5

5E00000205



PLASTIC REMOVAL TOOL.

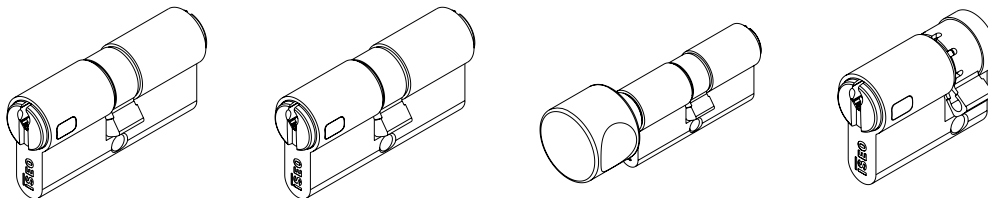
For reader back housing removal.
Package: 5 plastic tools.

5

5E00000135



F9000/F9



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 compatible with all CSF system's mechanical cylinders and allows to create mixed plants with different security levels according to the different gates to be controlled. F9000 combines the high security of mechanics with the flexibility of electronics. 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).

Key points

The key is non-duplicable, unique and has customized access rights.

Programming is easy. Even if you lose the key you never lose security (it can be disabled immediately).

Energy is on the key and it doesn't require any wiring.

Electronics simplifies and guarantees future extensions. It allows access management even setting different time shifts. It memorizes each authorized access and even unauthorized opening attempts.

Each key has customized access right which can be modified at any time according to the different building management needs..

Main features

- Compatible with Iseo CSF high security mechanical cylinders.
- The installation requires only a fixing screw just like a mechanical cylinder.
- No batteries in the cylinder allowing utmost reliability in any installation condition.
- Data and energy transfer without electric contacts.
- 1000 keys memorized per each cylinder (standard).
- Time profiles management.
- Events log both on keys and cylinders.
- Easy and effective programming with FLEX or SIRIO software.

F9000/F9

Technical features

F9000 MECHATRONIC CYLINDER

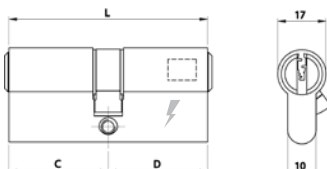
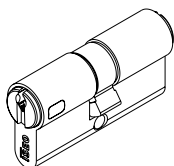
Vertical paracentric mechanic/electronic profile.
6 mechanical pins.
Data and energy transmission with no electric contact.
Up to 23 time shifts setting in the cylinder.
Up to 1,000 keys storage in the cylinder (standard).
Last 1,000 authorized accesses log (standard).
Last 400 non-authorized accesses log (standard).
Opening time: 60 milliseconds.
Authorizations can be modified.
EN1303:2005 "16000C62" classification.
VDS Klasse BZ+ version available.
Cylinder version in compliance to ATEX directive available.
Operating temperature: -20°C/+60°C.
Humidity: max 93% without condensation.

F9 MECHANIC CYLINDER

Vertical mechanical multiprofile.
6 mechanical pins.
Anti drill pin in the housing.
EN1303:2005 "16010C60" classification.

(*) Attention: after the expiry of the life time (battery discharge) the key is not recoverable and must be replaced.

F9000



F9000 EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER.

With no keys. Mechatronic version (side D),
conventional multi-profile non-duplicable key.

MK coding. Anti-break bar. 30° DIN cam. Fixing screw.

Coding

8	2	E	A	X	X	X	X	9	M	1
					DIMENSION		DIMENSION			
					C		D			
Standard				0						
Double Function				9						
Idle cam				L						
					30		30			
					35		35			
					40		40			
					45		45			
					50		50			
					55		55			
					60		60			
					65		65			
					70		70			
					75		75			
					80		80			
					85		85			
					90		90			

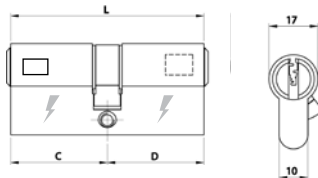
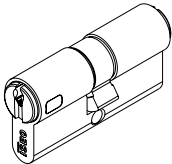
L max 120 mm

Example

Standard function
Dimension C=30 mm
Dimension D=50 mm

Code 8 2 E A **0 3 0 5 0** 9 M

F9000



F9000 EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER.

With no keys. Mechatronic version on both sides,
conventional multi-profile non-duplicable key.

MK coding. Anti-break bar. 30° DIN cam. Fixing screw.

Coding

8	2	E	E	X	X	X	X	9	M	1
					DIMENSION		DIMENSION			
					C		D			
Standard 0					30		30			
Doppia funzione 9					35		35			
Camma folle L					40		40			
					45		45			
					50		50			
					55		55			
					60		60			
					65		65			
					70		70			
					75		75			
					80		80			
					85		85			
					90		90			

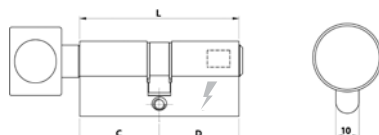
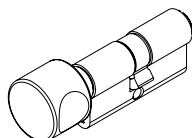
L max 120 mm

Example

Double function
Dimension C=40 mm
Dimension D=40 mm

Code 8 2 E E **9 4 0 4 0** 9 M

F9000



F9000 EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER.

ROUND KNOB. With no keys. Mechatronic version (side D), conventional multi-profile non-duplicable key.

MK coding. Anti-break bar. 30° DIN cam. Fixing screw.

Coding

8 2 E A 8

X X

DIMENSION
C

X X

DIMENSION
D

9 M

1

30	30
35	35
40	40
45	45
50	50
55	55
60	60
65	65
70	70
75	75
80	80
85	85
90	90

L max 120 mm

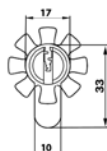
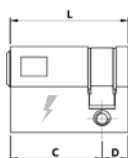
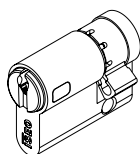
Example

Dimension C=60 mm

Dimension D=35 mm

Code 8 2 E A 8 **6 0 3 5** 9 M

F9000



F9000 EUROPEAN SINGLE PROFILE NICKEL-PLATED CYLINDER.

With no keys. Mechatronic version,
conventional multi-profile, non-duplicable key,
8-position cam, fixing screw.

Coding

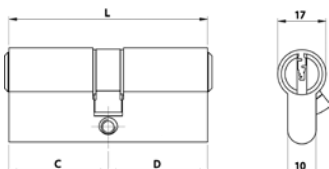
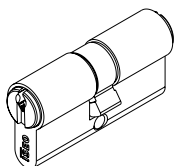
8 2 E A 0	<div style="border: 1px solid black; padding: 2px; display: inline-block;">X X</div>	<div style="border: 1px solid black; padding: 2px; display: inline-block;">X X</div>	9 M	1
	DIMENSION C	DIMENSION D		
	30	10		
	35			
	40			
	45			
	50			
	55			
	60			
	65			
	70			
	75			
	80			
	85			
	90			
	L max 120 mm			

Example

Dimension C=50 mm
Dimension D=10 mm

Code 8 2 E A 0 **5 0 1 0** 9 M

F9



F9 EUROPEAN DOUBLE PROFILE NICKEL-PLATED CYLINDER.

With no keys. 6-pin coding, conventional system.

Protected and registered key profile.

Anti-drill device in the cylinder body. STAINLESS STEEL top pins.

Anti-break bar. 30° DIN cam. Fixing screw

Coding

8	2	F	A	<div>X</div>	<div>X</div> <div>X</div>	<div>X</div> <div>X</div>	9	M	1	
					DIMENSION	DIMENSION				
Standard				0	C	D				
Double function				9	30	30				
Idle cam				L	35	35				
					40	40				
					45	45				
					50	50				
					55	55				
						60				
						65				
						70				
						75				
						80				
					L max 110 mm*					

*Versions on request:

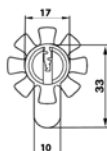
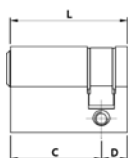
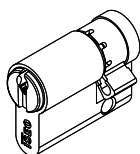
- Total length > 110 mm
- Special lengths con C=28 mm e /o D =28 (without anti-break bar and without double function)
- Length C=28 mm and D=33 (without anti-break bar and without double function)

Example

Standard Function
Dimension C=30 mm
Dimension D=60 mm

Code 8 2 F A **0 3 0 6 0** 9 M

F9



F9 EUROPEAN SINGLE PROFILE NICKEL-PLATED CYLINDER.
With no keys. 6-pin coding, conventional system.
Protected and registered key profile.
Anti-drill device in the cylinder body. STAINLESS STEEL top pins.
8 positions cam. Fixing screw

Coding

8 2 F A 0

X	X
---	---

X	X
---	---

 9 M _____ 1

DIMENSION
C

30
35
40
45
50
55
60
65
70
75
80

DIMENSION
D

10

L max 100 mm *

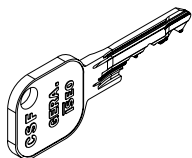
* Version on request:
- Total length > 90 mm

Example

Dimension C=50 mm
Dimension D=10 mm

Code 8 2 F A 0 **5 0 1 0** 9 M

F9



F9 MECHANICAL KEY.
Nickel silver key.

Coding

8 0 F A

X	X	X	X
---	---	---	---

 0

X

 1

Coded key KD/KA **SKIO** _____
Coded key CK/MK **MKIO** _____
Coded key GMK **GMKI** _____

0 Standard
1 Second delivery





Simply

Control system for small and medium installations with relative low variations. It is based on the use of precoded card and without any software on PC. It is the electronic version of the mechanical MK systems.

Simply can be used with the following devices, which can be combined in a unique access control system:

- Electronic trim set ARIES;
- Electronic cylinder LIBRA;
- STYLOS range RFID readers.

Key points

Thanks to MASTER cards, the plant manager can easily and safely change the access rights for each gate by adding or deleting authorized users.

The two versions PAD and SEQUENCE allow to use both ISEO precoded cards, which guarantee maximum security and functionality, and already existing cards by third party, with utmost flexibility and integration.

Special cards allow to enable particular functions which usually are offered with more complex systems, such as:

- Office function (or permanent opening) which can be enabled for user/gate combination (TOGGLE card);
- VIP function allowing to temporarily enable or disable specific users classes (standard and VIP);
- Card confirmation PIN for keypad STYLOS reader;
- Information transmission among different gates (SERVICE card).

Main functions

- 3 levels MASTER cards set, keeping a safe system management even in case of lost MASTER cards (the following Master card automatically delete the previous one);
- ISEO or already existing third party User cards;
- Up to 150 users for each gate;
- Office function can be enabled for users and gates;
- User cards can be programmed as standard or VIP cards;
- Privacy management on electronic trim set ARIES through VIP cards;
- Door opening time programming (through SETUP card).

Package
Code

Card



MASTER CARD SET.

3 cards (#1, #2, #3).
ISO 14443/A chip.
Package: 3 cards, instructions.

Operating modes:

Simply Sequence (compatible also with third party existing User cards).

1

5E402003.3

Simply PAD (only ISEO User cards).

1

5E402004.3



USER CARDS

(Necessary for Simply PAD).
ISO 14443/A chip.
Package: 10 cards.

10

5E402001.A

SYSTEM SPECIAL CARDS.

ISO 14443/A chip.
Package: 1 card.

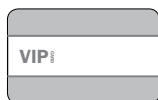


TOGGLE CARD

To load user cards with office function set.

1

5E402005



V.I.P. CARD

To load user cards with V.I.P. function (priority).

1

5E402006



SET UP CARD

To program the opening time.

1

5E402008



SERVICE CARD (Only for Simply PAD)

To load and delete user cards on LEDs devices.

1

5E402007





Sirio

ACCESS MANAGEMENT AND CONTROL SYSTEM SIRIO

The new on-line/off-line Iseo access management and control system is very powerful and flexible.

SIRIO combines the security and flexibility of an on-line system with the flexibility and convenience of an offline devices battery operated, such as the electronic cylinder LIBRA, the electronic trimi set ARIES and the mechatronic cylinder F9000.

The different types of on-line and off-line gates are controlled in the same way by the management software, in a transparent way for the user. The system itself manages and transmits the access rights for the users' credentials and guarantees at the same time maximum security, flexibility and comfort.

The software SIRIO is the core of the access control platform, which is made of different integrated and interacting elements.

The web technology on which SIRIO is based, the various autonomous device levels and the modern functions make it one of the most advanced system available on the market, able to manage almost infinite users and gates.

The system is composed of:

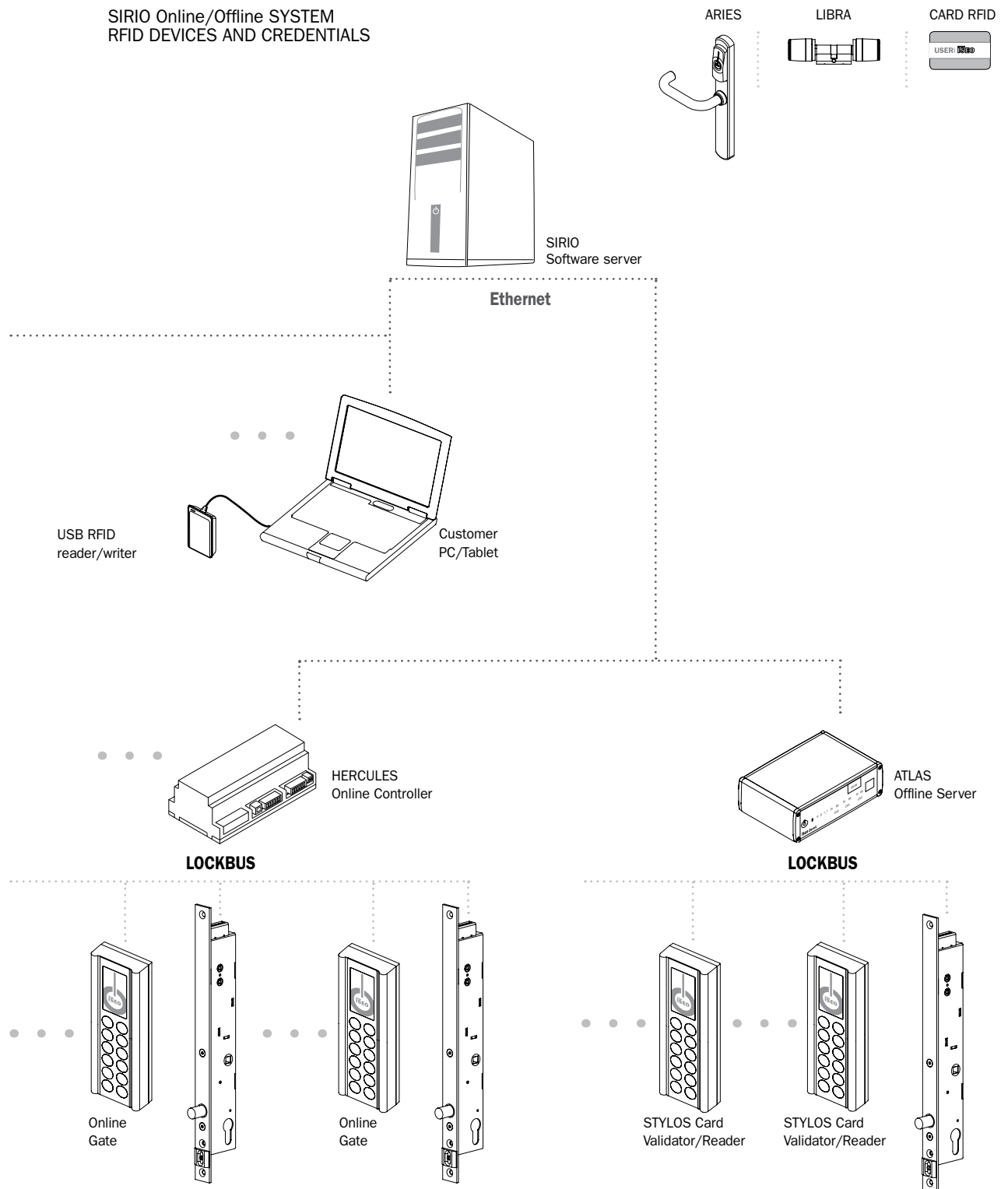
- a) management software SIRIO
- b) on-line controllers HERCULES and credential readers STYLOS
- c) off-line server ATLAS and the keys readers F9000
- d) software for the portable device HERMES
- e) off-line devices for gates control (ARIES, LIBRA and F9000)
- f) identification credentials (RFID tags and cards and F9000 keys)

The system is totally scalable and can manage both small installations and installations with thousands of gates in different countries or continents.

SIRIO's versatility and modularity allow to integrate not only access control systems, but also video surveillance, alarm and time attendance systems, etc.

Sirio

SIRIO Online/Offline SYSTEM
RFID DEVICES AND CREDENTIALS

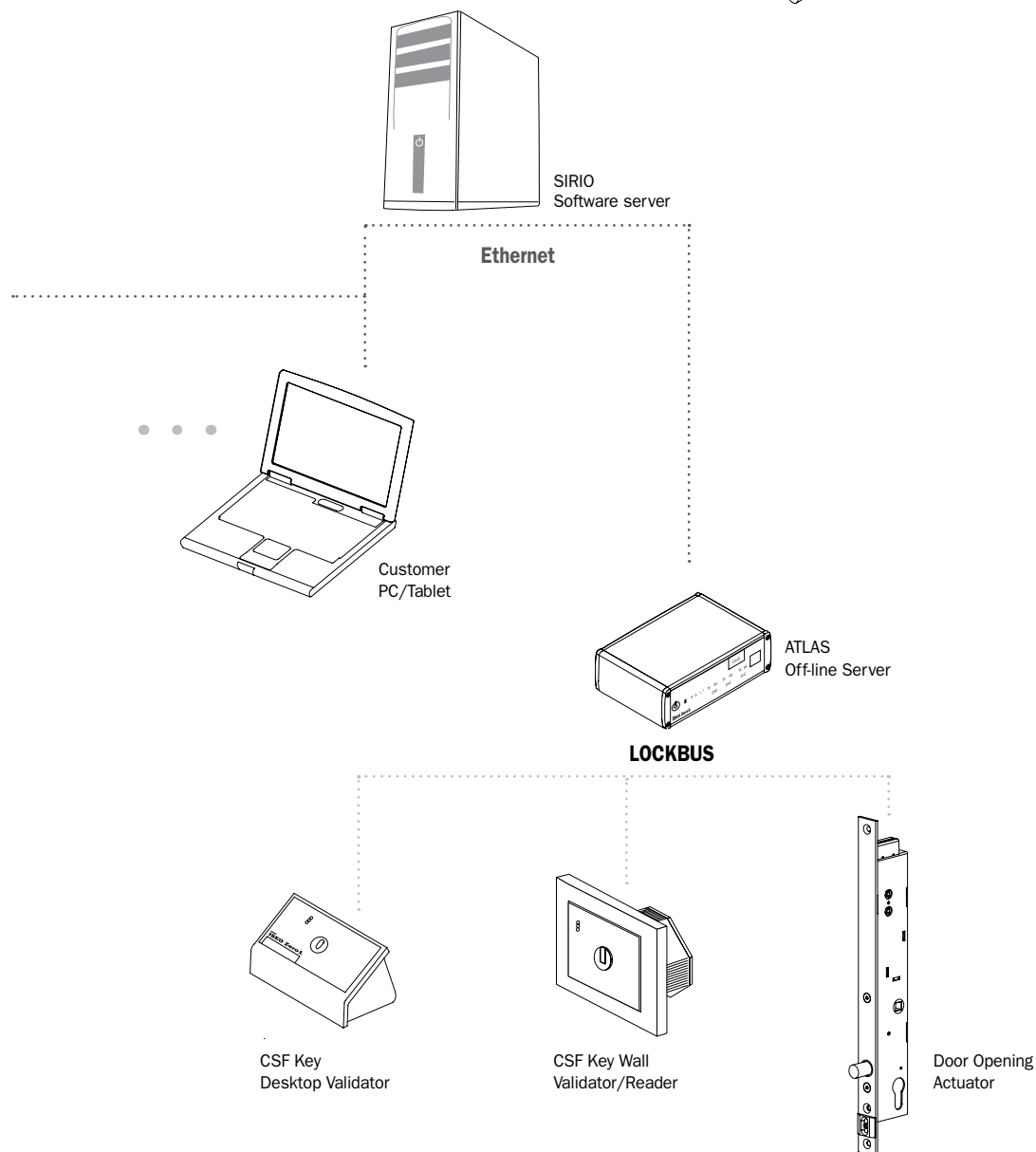


Sirio

SIRIO Online/Offline SYSTEM
F9000 CYLINDERS AND KEYS

F9000 CYLINDER

F9000 KEY



Sirio

SIRIO Off-line SYSTEM
F9000 CYLINDERS AND KEYS
RFID DEVICES AND CREDENTIALS

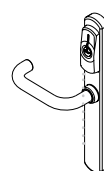
F9000 CYLINDER



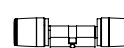
F9000 KEY



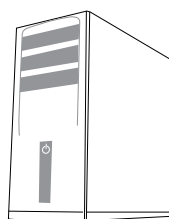
ARIES



LIBRA



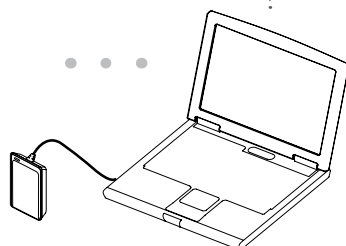
CARD RFID



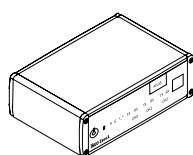
SIRIO
Software server

Ethernet

USB RFID
reader/writer

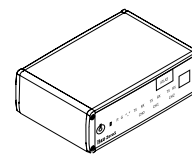


Customer
PC/Tablet



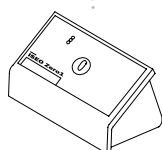
ATLAS
Off-line Server

LOCKBUS

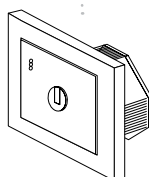


ATLAS
Offline Server

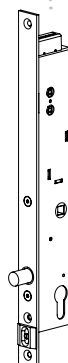
LOCKBUS



CSF Key
Desktop Validator



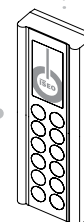
CSF Key Wall
Validator/Reader



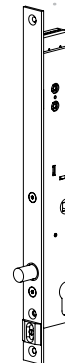
Door Opening
Actuator



STYLOS Card
Validator/Reader



STYLOS Card
Validator/Reader



Sirio

ONLINE/OFFLINE ACCESS CONTROL MANAGEMENT SOFTWARE.

Sirio management software is a web application for all ISEO ZERO1 access control systems. SIRIO WEB manages real-time the security of specific buildings areas and guarantees their continuous monitoring.

The software SIRIO manages the rights for access credentials in an integrated and transparent way, both for online and offline access points, in terms of:

Users (“**who**”);
Geographic authorizations (“**where**”);
Time authorizations (“**when**”);
Supplementary functions (“**how**”).

Key points

SIRIO doesn't require the installation of any specific software because it can operate on any PC or tablet all over the world using a web browser with any operating system.

It manages users' personal data, gives or rejects access rights, allows to do controls for each time profile, day and area, collects and shows information about accesses and alarms.

SIRIO is scalable and modular and can be used for any installation, from small to multisite and complex ones.

The rights for credentials are managed through “entrance groups” and “profiles”, so the transmission of the changes to specific users is easy and automatic.

The system can manage infinite “time profiles”, which allows to delimit time access rights.

A specific validation policy can be associated to offline keys and cards in order to guarantee maximum security even in case of loss.

The synoptic module allows for the installation real-time monitoring in order to manage alarms and maintenance interventions.

The integrated configuration module allows to define and update in any moment the system configuration.

The system memorizes every transactions, even the entrances, both for offline and online gates.

SIRIO allows to elaborate and export the transactions chronology. The high flexibility allows to analyze it in various ways.

Furthermore, the system manages also the alarms of the online gates.

Sirio

Main functions

- Installed on a PC with Windows operating system.
- It is a web based application.
- Totally interoperable with alarm, fire revelation, video surveillance and building automation systems.
- It is a native multi-language application.
- Sirio allows a multi-site and multi-company management with a unique installation.
- Each time shift is made of 8 time ranges. Each of them has start/end time and day validity, holyday and special functions (for example office function).
- The "user profile" combines group and personal rights allowing utmost flexibility.
- The system can manage an unlimited number of "user profiles" or "users groups". Each one has a similar geographic and time authorization ("where", "when" and "how").
- The validation periods and policies for offline keys and cards can be allocated to each individual user.
- The transactions logs:
 - are available real-time for online gates;
 - are read from cards or keys at the validation time for offline gates.
 - can be manually downloaded from the offline gates by a portable unit, a card or a key.
- An integrated "query" design tool allows to create and memorize specific transactions data analysis.
- The online gates alarms can be programmed when the system is configured and later modified if necessary.

Technical features:

General

Plants and companies: no limits (1)

Users: no limits (1)

Administrative operators: no limits (1)

Internal companies: no limits (1)

Users group: no limits (1)

Guests and external collaborators: no limits (1)

Online gates: no limits (1)

Time profiles: 127

Time shifts per profile: 16

Online users for each Hercules controller: 30,000

Events log: no limits (1)

(1) limits deriving from database or computer storage only

RFID Offline gates (Aries, Libra)

Plants and companies: no limits (1)

Users: 65,536

Gates:

for plant: 65,536 (2)

for each card simultaneously: 520 (3)/2,000 (4)

Sirio

Events log:

RFID card: 26 (3)/228 (4)

offline gates: 1,000

Time profiles: 6 for each user/card

time shifts per profile: 6

(1) limits deriving from database or computer storage only

(2) in multi-site/multi-controller installations(

(3) 1K memory cards

(4) 4K memory cards

F9000 mechatronic cylinders

Plants and companies: no limits (1)

Users: 2,100 for each plant (2)

F9000 cylinders: 2,100 for each plant (2)

Events log:

- Key: 400 (2)

- Cylinder: 400 (2)

Time profiles: 3 for each user/key

Time shifts for each profile: 6

(1) limits coming from database or computer storage only.

(2) further combinations available with key memory different mappings.

System requirements for SIRIO Server

Operating system:

- Windows XP Professional
- Windows Seven Professional,
- Windows 2000 Professional or Server
- Windows 2003 Server
- Windows 2008 Server R2
- Windows 8 Professional
- Windows 2012 Server

Supported database:

- MS SQL Server (from 2000 version)
- Oracle 9i/10g/11g

Ethernet connection features:

- for LAN connection a PING response <10ms
- for WAN/internet connection a PING response <50ms

Sirio

Options and versions:

OFFLINE basic licence: for offline gates only and without "validation" function.

OFFLINE/ONLINE basic licence: for online and offline gates, with "validation" function.

- Sirio Web real time;
- Sirio Sin;
- Sirio Report;
- Sirio Config.

Additional modules available:

- Video integration;
- Reception module (enrollment);
- Visitors and external companies management;
- Module for badge printing;
- Viewer module;
- E-mail alarms module.

Possible integration with other software applications:

- Time attendance terminals and systems;
- Manufacturing progress management;
- Canteen management.

Lockbus

LOCAL BUS

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

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

Lockbus highlights:

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

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

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

Hercules

ON-LINE GATES CONTROLLER.

Where a strict real-time access control management is required, i.e. for main entrance or peripheral gates, these gates can be controlled by the On-line part of the system.

The HERCULES controller is able to control one or more on-line gates in connection with the SIRIO management software.

The on-line wired gates are controlled by:

- the HERCULES on-line controller able to manage from one to 16 gates;
- the STYLOS RFID readers;
- the Iseo electromechanical locks with Lockbus interface or the Iseo actuators.

The on-line controller is connected to:

- the SIRIO software server through an Ethernet connection
- the readers and actuators through the Lockbus connection.

The controller is 100% autonomous and continue to fully manage the connected gates also when disconnected from the SIRIO software server.

Main functions

- Ethernet TCP/IP 10/100 base T connection
- n. 2 Lockbus channels to connect readers and actuators (max 16+16)
- Compatible with Lockbus readers and actuators
- n. 2 relays on PCB (1 relay 24Vac/Vdc - 500mA max, 1 relay 230Vac – 1A max)
- DIN35 rail housing
- Power supply 12 Vac/Vdc
- Maximum Power Consumption 15 W
- 3V lithium battery

Technical features

Communication interfaces:

- 1 Ethernet interface TCP/IP 10/100 base T
- 2 Lockbus channel
- 1 WIFI/GSM connection with extra module
- 1 radio connection with extra module

Reader interfaces:

- 2 multistandard direct RFID readers 125 Khz/13.56 Mhz
- 2 magnetic cards readers

Outputs:

- 2 relays on PCB
- 1 relay 24Vac/Vdc - 500mA max
- 1 relay 230Vac – 1A max

Inputs:

- 2 analog inputs

Power supply:

- 12 Vac/Vdc
- Maximum power consumption 15W
- Software shutdown wake-up by RTC

Hercules

Batterie emergenza:

- RTC/RAM backup lithium backup battery CR2032
- 1year backup without power supply

CPU and memory:

- 8051 CPU architecture with DALLAS DS80C411 CPU, 29.48Mhz clock
- 2 MB Flash Memory
- 8 MB SRAM
- 8 MB serial Flash Memory

Signaling: 15 LED.

Housing:

- H53 9MD plastic BOX (DIN RAIL)
- LxDxH 160x90x58 mm

Environmental characteristics:

- Operating temperature: 0°C ÷ +50°C
- Storage temperature: -25°C ÷ +75°C

Atlas

EMBEDDED OFF-LINE RFID AND F9000 SERVER.

The management of the cards authorization in the Iseo off-line access control system is made by the ATLAS server, the real “heart” of the off-line management.

The ATLAS off-line server contains all the off-line locks and credential database and carry on the credential creation, update and validation by mean of the STYLOS RFID card Validators or of the F9000 key validators.

The ATLAS off-line server is connected to:
the SIRIO software server through an Ethernet connection;
the RFID validators/readers and actuators through the Lockbus connection;
the F9000 validators through the RS485 connections.

The ATLAS off-line server, loading two separate software applications, can be used to manage RFID offline devices, as Aries and Libra, or F9000 mechatronic cylinders.

Main functions

- Embedded Linux server
- Ethernet TCP/IP 10/100 base T connection
- n. 1 Lockbus channel to connect Stylos readers and actuators (max 8+8)
- n. 2 RS485 channels to connect F9000 on-line readers (max 2)
- Compatible with Lockbus and RS485 readers and actuators
- n. 2 USB Host channels (+ 1 USB channel for configuration)
- n. 1 MicroSD slot
- Desktop housing
- Power supply 12-24Vdc
- Power supply 230Vac/12Vdc included
- Maximum Power Consumption 15 W

Technical features

Communication interfaces:

- 1 Ethernet interface TCP/IP 10/100 base T
- 1 Lockbus channel
- 2 RS485 channels
- 2 USB channels
- 1 USB channel for configuration
- 1 serial interface (debug)

Power supply:

- 12-24Vdc
- Maximum power consumption 15W

Backup batteries:

- 1500mAh battery pack
- estimated duration 30 minutes backup

CPU and memory:

- ARM 9 based CPU module
- 200MHz CPU clock (ATMEL AT91SAM9263)
- 64MB SDRAM
- 256MB Flash
- 8GB Micro-SD

Atlas

Operative system:

- Linux (Kernel 2.6.28)

Signaling: 12 LEDs

- Power line active (green)
- Backup battery operating (yellow)
- Ethernet (orange)
- Tx/Rx channel 1 (2 orange)
- Tx/Rx channel 2 (2 orange)
- Tx/Rx channel 3 (2 orange)
- User 1 and 2 (red and green)

Pushbutton:

- 1 reset

Housing:

- Pushbutton
- Black
- LxPxA 167x110x53 mm

Power Supplier:

- Input 230Vac
- Output 12Vdc
- 2 poles plug

Environmental characteristics:

- Operating temperature: 0°C ÷ +50°C;
- Storage temperature: -25°C ÷ +75°C.

Options and versions:

Software for F9000 validators

Software for RFID validators

F9000 Readers

F9000 VALIDATORS/READERS.

The F9000 Validators/Readers can be connected to the ATLAS offline sever in order to create, validate and update the F9000 keys. The validators/Readers are available in different form in oder to answer to the installation needing of the customer.

Main functions

RS485 interface
Cylinder hole for F9000 key insertion
Multicolor signaling leds + buzzer
Powered from Atlas server connection.

Technical features

Communication interfaces:

- 1 RS485 interface

Power supply:

- 10 – 24Vdc

Signaling:

- 3 LEDs (green, blue, red)

Housings:

- Desktop version
Vimar Idea desktop plastic Box
LxDxH 120x111x82 mm
- Frame mounting 503 version
Vimar dea frame and 503 box compatible
LxDxH 120x82x55 mm
- Frame mounting GIRA version
GIRA frame and box compatible
LxDxH 80x80x50 mm
- Wall mounting IP55 version
Vimar Idea IP55 plastic box
LxDxH 100x83x65 mm

Environmental characteristics:

- Operating temperature: -10°C ÷ +50°C (internal versions);
- Operating temperature: -25°C ÷ +50°C (external IP55 version);
- Storage temperature: -25°C ÷ +75°C.

F9000 Electronic Keys

F9000 KEYS: USER, PROGRAMMER AND EMERGENCY.

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.

Main functions

- Unique non duplicable key with customized authorizations.
- Batteries within the key.
- Multicolor Led signaling batteries status.
- Easy and flexible programming of authorizations and time profiles.

ELECTRONIC KEY (USER AND PROGRAMMER KEY)

Paracentric key profile

Nickel silver key.

Electronic key non duplicable.

Data and energy transmission without electric contact.

Key neck 12 mm long, suitable for Defender.

2 lithium batteries CR1620 in the key for power source.

Battery status visible on the User key.

Both positive and denied opening events in the key.

It can be combined to MK mechanic cylinder systems.

EN1303:2005 "16000C62" classification.

Key version in compliance to ATEX directive available.

Operating temperature: 0°C/+60°C EN60068-2-1/EN60068-2-2.

Humidity: max 93% without condensation (EN60068-2-3).

EMERGENCY KEY

Paracentric key profile.

Nickel silver key.

Electronic non duplicable key.

Data and energy transmission without electric contacts.

Key neck 12 mm long, suitable for Defender.

2 lithium batteries with higher capacity, soldered and resinated, not recoverable (*).

Batteries life time up to 5 years (*).

Time shifts management not enabled.

Impermeability protection grade: IP67.

Battery status visible on the User key.

Operating temperature: -15°C/+60°C EN60068-2-1/EN60068-2-2.

Storage temperature: -30°C/+60°C EN60068-2-1/EN60068-2-2.

Humidity : max 93% without condensation (EN60068-2-3).

Package
Code

Sirio

SIRIO SOFTWARE BASIC MODULE OFF-LINE

Off-line only Access Control Management Software
With this version it is not possible to manage on-line gates
and the credential validation functionality.
Package: 1 CD, 1 installation manual, 1 license.

End User License		
Up to 100 users	1	0041500
Up to 300 users	1	0041501
Over 300 users	1	0041502

SIRIO SOFTWARE BASIC MODULE ON-LINE/OFF-LINE

On-line/off-line Access Control Management Software
Modules:
- Sirio Web real time
- Sirio Sin
- Sirio Report
- Sirio Config
Package: 1 CD, 1 installation manual, 1 license.

End User License		
up to 50 users	1	0041510
up to 100 users	1	0041511
up to 300 users	1	0041512
up to 500 users	1	0041513
up to 1000 users	1	0041514
up to 2000 users	1	0041515
over 2000 users	1	0041516

Package
Code

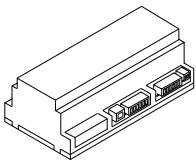
Sirio

EXTRA MODULES

Working only with the On-line/Off-line Basic version.
Package: 1 CD, 1 license.

End User License

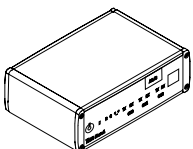
Visitors management (Standard)	1	0041520
Visitors management (Smart)	1	0041521
Video integration	1	0041526
Badge printing module	1	0041522
Reception (enrollment badge)	1	0041527
Viewer module	1	0041524
Mail alarm module	1	0041525



ON-LINE CONTROLLER HERCULES

Ethernet TCP/IP 10/100 base T connection
n. 2 Lockbus channels to connect readers and actuators (max 16+16)
Compatible with Lockbus readers and actuators
n. 2 relais on PCB (1 relais 24Vdc/Vdc - 500mA max, 1 relais 230Vac - 1A max)
DIN35 rail housing
Power supply 12 Vac/Vdc
Maximum Power Consumption 15 W
3V lithium battery
Package: 1 controller with connectors, installation manual

1 **5E000009**



ATLAS SERVER FOR RFID AND F9000 OFF-LINE DEVICES

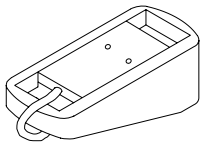
Ethernet TCP/IP 10/100 base T connection
n. 1 Lockbus channel to connect Stylos readers and actuators (max 8+8)
n. 2 RS485 channels to connect F9000 on-line readers (max 2)
Compatible with Lockbus and RS485 readers and actuators
n. 2 USB Host channels (+ 1 USB channel for configuration)
n. 1 MicroSD slot
Desktop housing
Power supply 12-24Vdc
Power supply 230Vac/12Vdc included
Maximum Power Consumption 15 W
Package: 1 server with connectors, 1 power supply, 1 installation manual

1 **5E002010**

Package

Code

Sirio



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

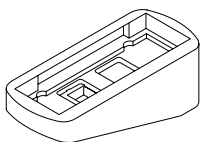
USB interface

Plastic adapter included

Package: 1 modem with plastic adapter, 1 user manual

1

541E00010



DESKTOP PLASTIC ADAPTER FOR STYLOS READERS

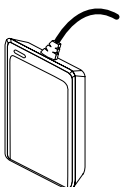
Compatible with the wall mounted Stylos readers

Package: 1 plastic adapter, 1 user manual

Note: Stylos reader not included, to be ordered separately

1

541E00000



DESKTOP RFID READER/WRITER

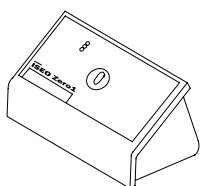
USB interface

Multicolor signaling LEDs

Package: 1 reader/writer, 1 user manual

1

E03200



DESKTOP READER/WRITER FOR F9000 KEYS

RS485 interface

Multicolor signaling LEDs

Package: 1 reader/writer, 1 user manual

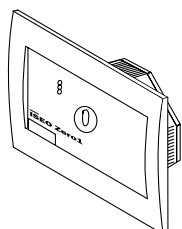
1

E03210

Package

Code

Sirio



FRAME MOUNTING READER/WRITER FOR F9000 KEYS

RS485 interface

Multicolor signaling LEDs

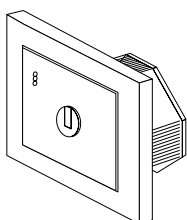
Compatible with boxes and "Vimar Idea" frames

Packaging: 1 reader/writer, 1 Vimar Idea Rondò plastic plate color black,
1 installation manual

Note: 503 box not included

1

E03220



FRAME MOUNTING READER/WRITER FOR F9000 KEYS

RS485 interface

Multicolor signaling LEDs

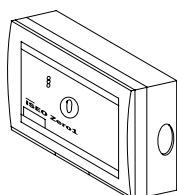
Compatible with boxes and plates

Packaging: 1 reader/writer, 1 GIRA plate and cover frame , 1 user manual

Note: wall plastic box not included

1

E03240



WALL MOUNTING READER/WRITER IP55 FOR F9000 KEYS

Suitable for outdoor installations

RS485 interface

Multicolor signaling LEDs

Wall mounted box with protective flap (IP55)

Packaging: 1 reader/writer, 1 user manual

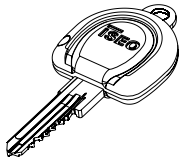
1

E03230

Package

Code

Sirio



F9000 USER KEY

Conventional multi-profile non-duplicable key.

Energy and coded data transmission between key and cylinder is without electric contacts.

Multi-function LED signalling access authorization and battery status.

Lithium batteries directly replaceable by the end user.

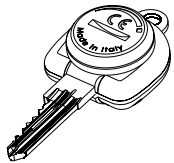
Functions:

- It stores time slots and events
- Validation and reprogramming functions via F9000 on-line readers.

Packaging: 1 key

1

80EAMKI020



F9000 USER KEY

Same features as F9000 User Key.

MIFARE Classic 4K transponder within battery plug allowing to use key in compatible access control system (other typologies of transponders available on request)

Packaging: 1 key

1

80EASKI120



F9000 PROGRAMMER KEY

Uncoded programmer key.

Multi-function LED signalling the programming and battery status.

Lithium batteries directly replaceable by the end user.

Functions:

- Data transmission between software and cylinders
- Download of events from the cylinders

Confezione: 1 key

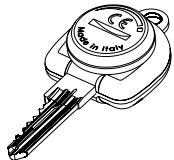
1

80EEI00020

Package

Code

Sirio



F9000 EMERGENCY KEY

Energy and coded data transmission between key and cylinder is without electric contacts.

Equipped with high power batteries to guarantee a duration up to 5 years.

Completely sealed with IP67 protection grading.

Multi-function LED signaling access authorization and battery status.

Packaging: 1 key

1

80EASKIP20



PLUG WITH TRANSPONDER KIT

Battery plug for user key with integrated MIFARE Classic 4K transponder, allowing to use key in compatible access control systems (other typologies of transponders available on request)

10

E03170



LITHIUM BATTERY

Button Battery SONY CR 1620 for replacement in electronic keys

10

050043

Package

Code

Sirio



USER CARD (ISEO LOGO)

RFID card for OFF-LINE system
Mifare Classic ISO14443/A chip
ISEO logo on the front
Blank on the rear
(available for customer personalization)

10

5E402100



USER CARD (BLANK)

RFID card for OFF-LINE system
Mifare Classic ISO14443/A chip
Blank on both sides
(available for customer personalization)

10

5E402110



**Electronic
locks**



Electronic locks

Iseo electronic locks combine the features functionalities of high security mechanical locks with the electronic management in order to increase door security and comfort for end users.

Thanks to motors or electromagnets, the electronic control allows automate locks' opening and/or closing movements. Thus the security of the door is guaranteed in any situation.

The sensors within the locks allow to integrate them in monitoring and building management systems.

Our range of electronic locks includes different models, meets any installation and functionality needs and suits to any types of doors.

Iseo electronic locks have been conceived and manufactured according to European standards and have obtained different product certifications in order to meet specific national and international legal requirements.

The electronic locks are supplied with Lockbus interface, can be integrated in any Iseo access control system and don't require any further interface modules. Therefore the installation and the communication security have been optimized.

THESIS 2.0

Top Exit DGT

Multiblando  **Motion**

x1R

Thesis 2.0

Standard



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

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

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

Key points

The technology and materials chosen for THESIS 2.0 Standard guarantee its durability, which is much longer than the standard requirements.

Innovative electronics with power reserve (booster) guaranteeing an efficient deadbolt movement in difficult operating conditions: even with 8 Volts only.

A steel deadbolt with a 20 mm extension ensures a high anti-intrusion security (EN12209).

Power supply from 8 to 30Vdc 1A. Its operation is guaranteed also in complex installations and critical situations. Flexible installation conditions and low power consumption.

Thesis 2.0 Standard guarantees a trouble-free operation even if installed horizontally.

It represents the ideal solution for automatic sliding doors.

The **Lockbus** interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions. It can operate in interlock mode (manual or automatic) for bidirectional doors without any external control device.



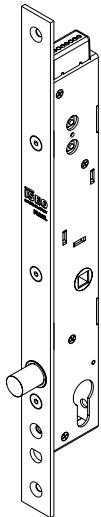
It is certified

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

3	C	8	0	0	G	3	0	1
3	C	8	0	0	G	3	1	1

*in combination with STATUS INDICATOR

THESIS 2.0 Standard



Technical features

Backset: 25/30/35 mm

Deadbolt:

- hardened inox steel;
- cutting resistant (free rotating);
- Ø14 mm diameter;
- single throw;
- 20 mm extension.

European profile cylinder hole.

Handle follower (optional): 8 mm;

Centre distance between handle follower and cylinder: 85 mm

Front plate:

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

Striking plate:

- Inox steel;
- 25x330 mm – thickness 3 mm;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

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

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

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

Opening control:

- opto-isolated input 8÷24Vdc/12Vac;

Max voltage and current applicable to signalling relay:

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

Programmable status signal:

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

Lockbus connection:

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

Adjustable timings:

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

THESIS 2.0 Standard

Environmental features:

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

Reference Standard: UNI EN 14846:2008;

grading: 3 C 8 0 0 G 3 0 1

3 C 8 0 0 G 3 1 1 (in combination with STATUS INDICATOR).

Options and Versions:

With and without handle follower

Operating modes in case of power failure:

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

Operating software:

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

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

Lockbus

LOCAL BUS

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

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

Lockbus highlights:

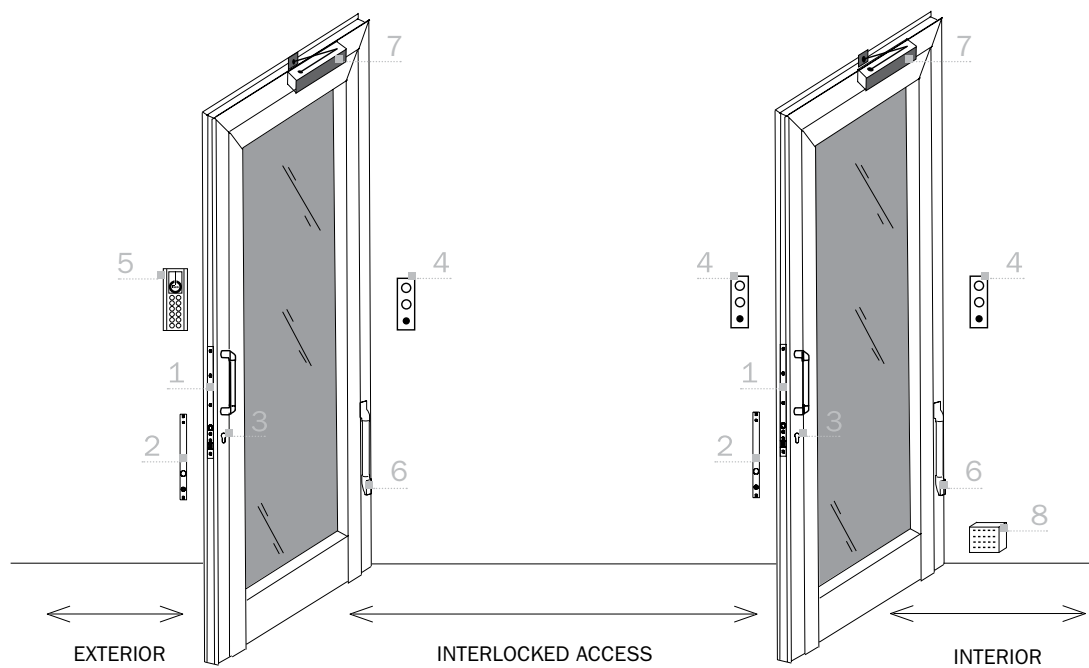
Data transmission and power supply on the same 3-wire connection up to 100 m;

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

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

THESIS 2.0 Standard

ON INTERLOCKED DOORS



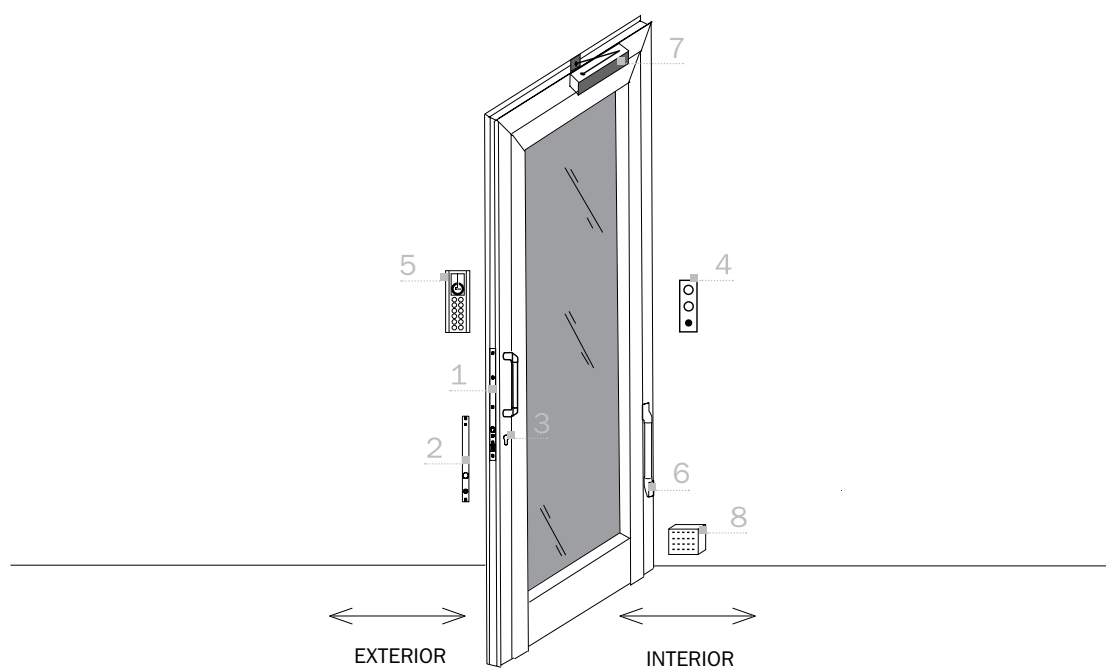
1. Thesis 2.0 Standard lock
2. Striking plate
3. European profile cylinder

4. Status indicator with pushbutton
5. Stylos reader
6. Concealed lead covers

7. Door closer
8. Power supply unit

THESIS 2.0 Standard

ON SINGLE DOORS



1. Thesis 2.0 Standard lock

2. Striking plate

3. European profile cylinder

4. Status indicator with pushbutton

5. Stylos reader

6. Concealed lead covers

7. Door closer

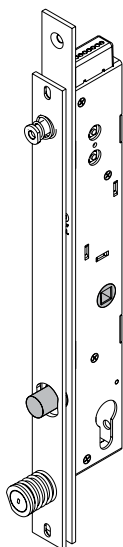
8. Power supply unit



Package

Code

THESIS 2.0 Standard



DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

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

Stainless steel front plate with alignment device.

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

Handle follower 8 mm.

European profile cylinder hole.

Fail Secure mode.

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

Handle follower/cylinder centre distance 85 mm

Single door software. Backset 25 mm.	1	07500802521
Single door software. Backset 30 mm.	1	07500803021
Single door software. Backset 35 mm.	1	07500803521

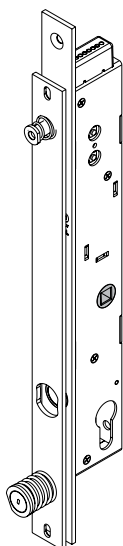
Manual interlock software. Backset 25 mm.	1	0750M802521
Manual interlock software. Backset 30 mm.	1	0750M803021
Manual interlock software. Backset 35 mm.	1	0750M803521

Automatic interlock software. Backset 25 mm.	1	0750A802521
Automatic interlock software. Backset 30 mm.	1	0750A803021
Automatic interlock software. Backset 35 mm.	1	0750A803521



Package

Code



THESIS 2.0 Standard

DROPBOLT FAIL SAFE WITH HANDLE FOLLOWER.

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

Stainless steel front plate with alignment device.

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

Handle follower 8 mm.

European profile cylinder hole.

Fail Safe mode.

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

Handle follower/cylinder centre distance 85 mm

Single door software. Backset 25 mm.	1	07500802522
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Single door software. Backset 30 mm.	1	07500803022
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Single door software. Backset 35 mm.	1	07500803522
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Manual interlock software. Backset 25 mm.	1	0750M802522
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Manual interlock software. Backset 30 mm.	1	0750M803022
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Manual interlock software. Backset 35 mm.	1	0750M803522
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Automatic interlock software. Backset 25 mm.	1	0750A802522
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Automatic interlock software. Backset 30 mm.	1	0750A803022
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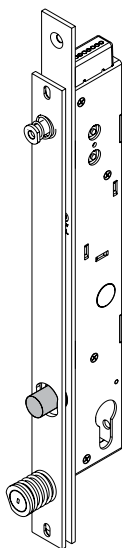
Automatic interlock software. Backset 35 mm.	1	0750A803522
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Package

Code

THESIS 2.0 Standard



DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

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

Stainless steel front plate with alignment device.

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

No handle follower.

European profile cylinder hole.

Fail Secure mode.

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

Single door software. Backset 25 mm.	1	07500002521
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Single door software. Backset 30 mm.	1	07500003021
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Single door software. Backset 35 mm.	1	07500003521
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Manual interlock software. Backset 25 mm.	1	0750M002521
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Manual interlock software. Backset 30 mm.	1	0750M003021
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Manual interlock software. Backset 35 mm.	1	0750M003521
---	---	--------------------

Automatic interlock software. Backset 25 mm.	1	0750A002521
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Automatic interlock software. Backset 30 mm.	1	0750A003021
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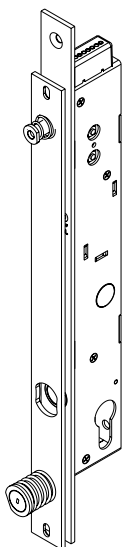
Automatic interlock software. Backset 35 mm.	1	0750A003521
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Package

Code

THESIS 2.0 Standard



DROPBOLT FAIL SAFE WITHOUT HANDLE FOLLOWER.

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

Stainless steel front plate with alignment device.

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

No handle follower.

European profile cylinder hole.

Fail Safe mode.

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

Single door software. Backset 25 mm.	1	07500002522
Single door software. Backset 30 mm.	1	07500003022
Single door software. Backset 35 mm.	1	07500003522

Manual interlock software. Backset 25 mm.	1	0750M002522
Manual interlock software. Backset 30 mm.	1	0750M003022
Manual interlock software. Backset 35 mm.	1	0750M003522

Automatic interlock software. Backset 25 mm.	1	0750A002522
Automatic interlock software. Backset 30 mm.	1	0750A003022
Automatic interlock software. Backset 35 mm.	1	0750A003522



Thesis 2.0

Standard Latchbolt



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

Key points

The technology and materials chosen for THESIS 2.0 Standard guarantee its durability, which is much longer than the standard requirements.

Innovative electronics with power reserve (booster) ensuring an efficient bolt movement in difficult operating conditions: even with 8 Volts only.

A steel autolocking self-ejecting **latchbolt** with a 20 mm extension ensures a high anti-intrusion security (EN12209).

The **latchbolt** ensures a typical mechanic lockcase functioning also in absence of the power supply.

The door closing is always effective thanks to the **latchbolt** function.

Power supply from 8 to 30Vdc 1A. Flexible installation conditions and low power consumption.

The **Lockbus** interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.

Available both Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions. It can operate in interlock mode (manual or automatic) for bidirectional doors without any external control device.



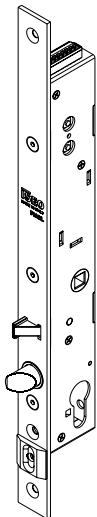
It is certified

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

3	C	8	0	0	G	3	0	1
3	C	8	0	0	G	3	1	1

(*) in combination with STATUS INDICATOR

THESIS 2.0 Standard Latchbolt



Technical features

Backset: 25/30/35 mm

Latchbolt:

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

European profile cylinder hole

Handle follower (optional): 8 mm;

Centre distance between handle follower and cylinder: 85 mm

Front plate:

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

Striking plate:

- Inox steel;
- 25x330 mm – thickness 3 mm;
- adjustable depending on the distance between the lock and the striking plate;

Case dimensions:

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

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

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

Opening control:

- opto-isolated input 8÷24Vdc /12Vac;

Max voltage and current applicable to signalling relay:

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

Programmable status signal:

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

Lockbus connection:

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

Adjustable timings:

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

THESIS 2.0 Standard Latchbolt

Environmental features:

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

Reference Standard: UNI EN 14846:2008;

grading: 3 C 8 0 0 G 3 0 1

3 C 8 0 0 G 3 1 1 (in combination with status indicator)

Options and versions:

With and without handle follower

Operating modes in case of power failure:

Fail Secure mode (N.C. Normally Closed)

Operating software:

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

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

Lockbus

LOCAL BUS

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

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

Lockbus highlights:

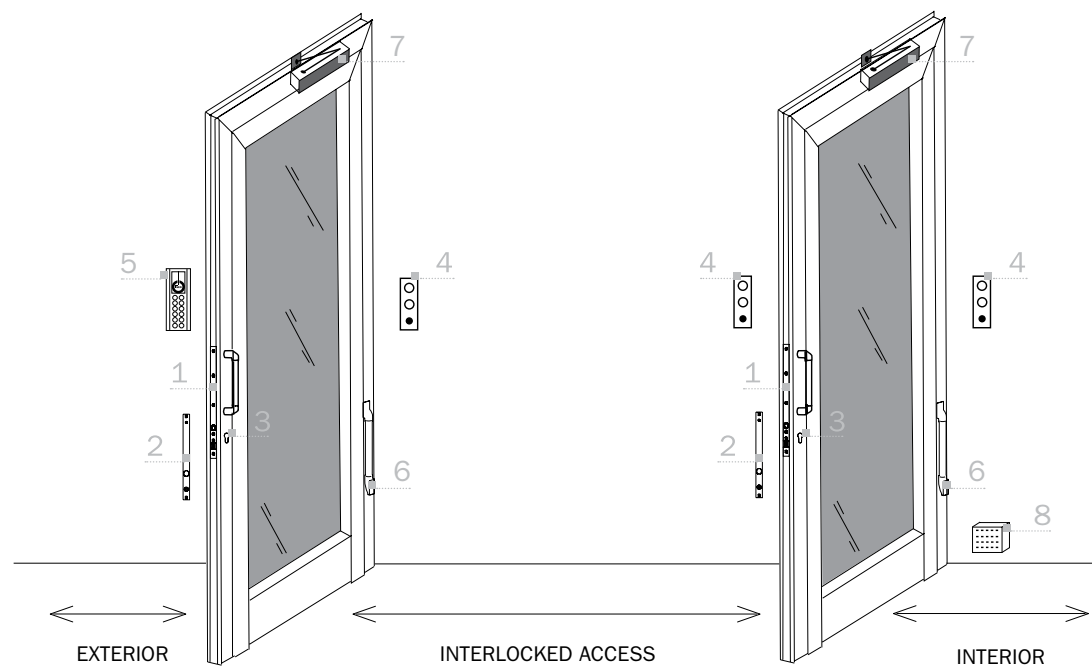
Data transmission and power supply on the same 3-wire connection up to 100 m;

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

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

THESIS 2.0 Standard Latchbolt

ON INTERLOCKED DOORS



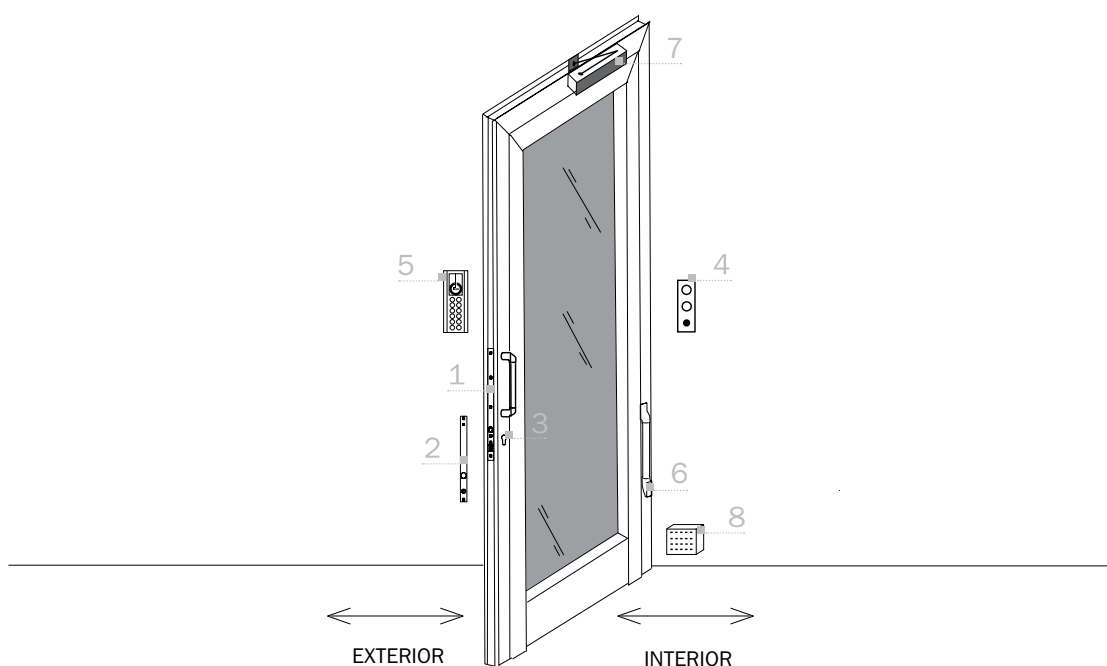
1. Thesis 2.0 Latchbolt lock
2. Striking plate
3. European profile cylinder

4. Status indicator with pushbutton
5. Stylus reader
6. Concealed lead covers

7. Door closer
8. Power supply unit

THESIS 2.0 Standard Latchbolt

ON SINGLE DOORS



1. Thesis 2.0 Latchbolt lock

2. Striking plate

3. European profile cylinder

4. Status indicator with pushbutton

5. Stylos reader

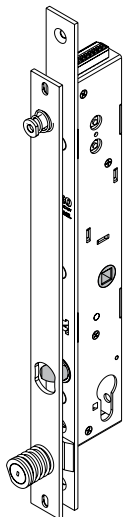
6. Concealed lead covers

7. Door closer

8. Power supply unit

Package

Code



THESIS 2.0 Standard Latchbolt

DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Reversible hardened steel latchbolt, Ø14 mm diameter, self-locking, self-ejecting function, 20 mm excursion.

Stainless steel front plate with alignment device.

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

Handle follower 8 mm.

European profile cylinder hole.

Fail Secure mode.

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

Handle follower/cylinder centre distance 85 mm

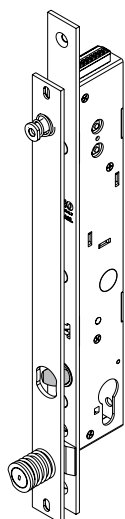
Single door software. Backset 25 mm.	1	07510802521
Single door software. Backset 30 mm.	1	07510803021
Single door software. Backset 35 mm.	1	07510803521

Manual interlock software. Backset 25 mm.	1	0751M802521
Manual interlock software. Backset 30 mm.	1	0751M803021
Manual interlock software. Backset 35 mm.	1	0751M803521

Automatic interlock software. Backset 25 mm.	1	0751A802521
Automatic interlock software. Backset 30 mm.	1	0751A803021
Automatic interlock software. Backset 35 mm.	1	0751A803521

Package

Code



THESIS 2.0 Standard Latchbolt

DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel latchbolt, Ø14 mm diameter,
self-ejecting function, 20 mm excursion.

Stainless steel front plate with alignment device.

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

Without handle follower.

European profile cylinder hole.

Fail Secure mode.

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

Single door software. Backset 25 mm.	1	07510002521
Single door software. Backset 30 mm.	1	07510003021
Single door software. Backset 35 mm.	1	07510003521

Manual interlock software. Backset 25 mm.	1	0751M002521
Manual interlock software. Backset 30 mm.	1	0751M003021
Manual interlock software. Backset 35 mm.	1	0751M003521

Automatic interlock software. Backset 25 mm.	1	0751A002521
Automatic interlock software. Backset 30 mm.	1	0751A003021
Automatic interlock software. Backset 35 mm.	1	0751A003521



Thesis 2.0

Professional



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

Key points

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

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

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

Innovative electronics with power reserve (booster) guaranteeing an efficient deadbolt movement in difficult operating conditions: even with 8V only!

Power supply from 8 to 30Vdc 1A. Its operation is guaranteed also in complex installations and critical situations. Flexible installation conditions and low power consumption.

Thesis 2.0 Professional guarantees a trouble-free operation even if installed horizontally. It represents the ideal solution for automatic sliding doors.

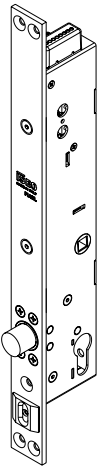
The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.

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

It can operate in interlock mode (manual or automatic) for double doors without any external control device.

(**) estimated classification. Test in progress.

THESIS 2.0 Professional



Technical features

Backset: 30/35/40 mm

Deadbolt:

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

European profile cylinder hole

Handle follower (optional): 8 mm;

Centre distance between handle follower and cylinder: 85 mm

Front plate:

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

Striking plate:

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

Case dimensions:

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

DC supply voltage range: 8÷30Vdc.

Max. absorbed current power in operation: 1A.

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

Opening control:

- opto-isolated input 8÷24Vdc/12Vac;

Max voltage and current applicable to signalling relay:

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

Programmable status signal:

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

Lockbus connection:

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

Adjustable timings:

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

THESIS 2.0 Professional

Environmental features:

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

Reference Standard: UNI EN 14846:2008;

grading: 3 H 8 0 0 E 7 0 1 (**)

3 H 8 0 0 E 7 0 1 (in combination with status indicator (**))

Options and versions:

With and without handle follower

Operating modes in case of power failure:

- Fail Secure mode (N.C. Normally Closed)

Operating software:

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

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

(**) estimated classification. Test in progress.

Lockbus

LOCAL BUS

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

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

Lockbus highlights:

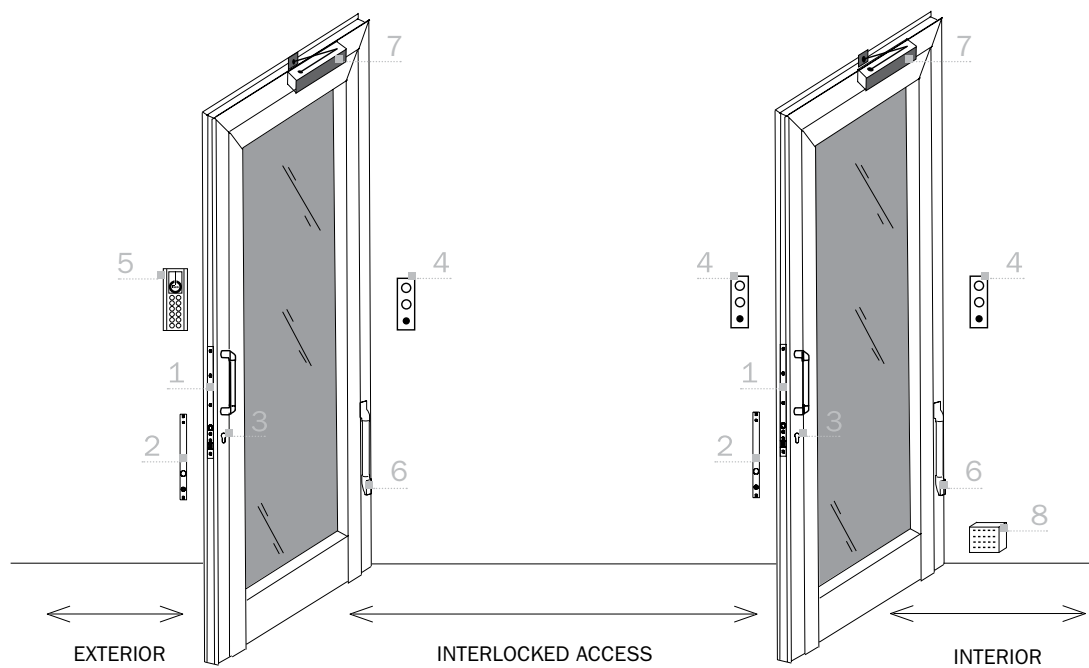
Data transmission and power supply on the same 3-wire connection up to 100 m;

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

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

THESIS 2.0 Professional

ON INTERLOCKED DOORS



1. Thesis 2.0 Professional lock

2. Striking plate

3. European profile cylinder

4. Status indicator with pushbutton

5. Stylus reader

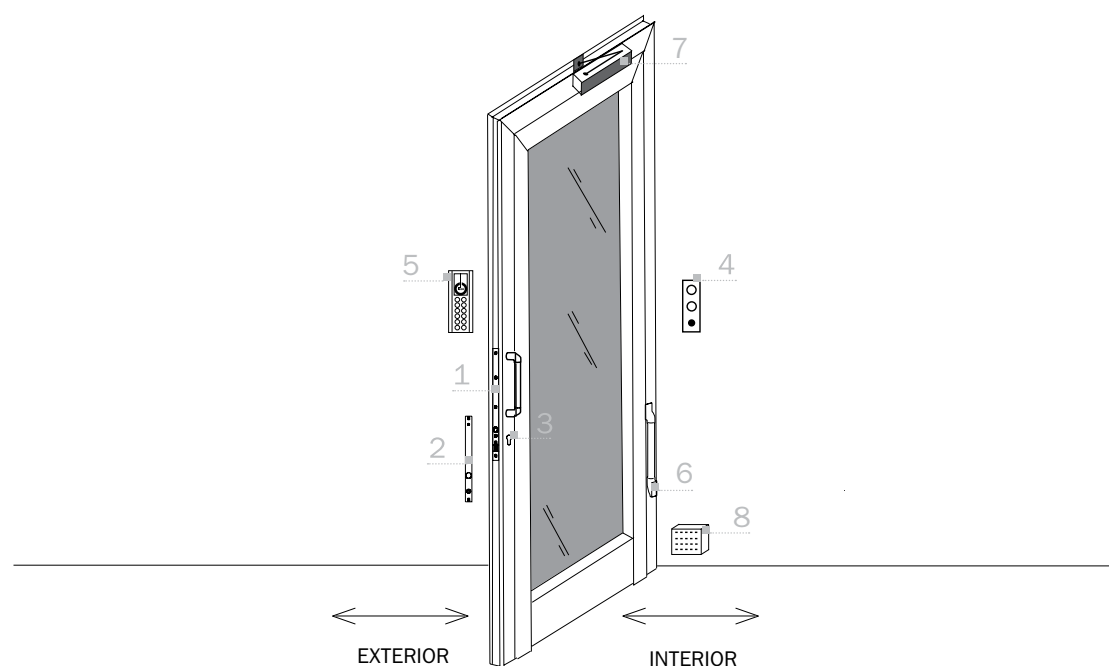
6. Concealed lead covers

7. Door closer

8. Power supply unit

THESIS 2.0 Professional

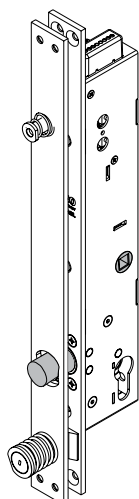
ON SINGLE DOORS



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

Package

Code



THESIS 2.0 Professional

DROPBOLT FAIL SECURE WITH HANDLE FOLLOWER.

Hardened steel bolt, Ø18 mm diameter, one throw, 22 mm excursion.

Stainless steel front plate with alignment device.

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

Handle follower 8 mm.

European profile cylinder hole.

Fail Secure mode.

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

Handle follower/cylinder centre distance 85 mm

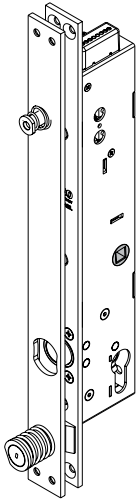
Single door software. Backset 30 mm.	1	07600823021
Single door software. Backset 35 mm.	1	07600823521
Single door software. Backset 40 mm.	1	07600824021

Manual interlock software. Backset 30 mm.	1	0760M823021
Manual interlock software. Backset 35 mm.	1	0760M823521
Manual interlock software. Backset 40 mm.	1	0760M824021

Automatic interlock software. Backset 30 mm.	1	0760A823021
Automatic interlock software. Backset 35 mm.	1	0760A823521
Automatic interlock software. Backset 40 mm.	1	0760A824021

Package

Code



THESIS 2.0 Professional

DROPBOLT FAIL SAFE WITH HANDLE FOLLOWER.

Hardened steel bolt, Ø18 mm diameter, one throw, 22 mm excursion.

Stainless steel front plate with alignment device.

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

Handle follower 8 mm.

European profile cylinder hole.

Fail Safe mode.

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

Handle follower/cylinder centre distance 85 mm

Single door software. Backset 30 mm.	1	07600823022
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Single door software. Backset 35 mm.	1	07600823522
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Single door software. Backset 40 mm.	1	07600824022
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Manual interlock software. Backset 30 mm.	1	0760M823022
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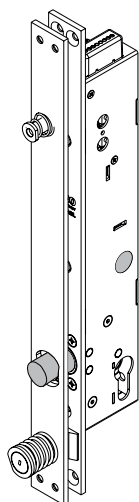
Manual interlock software. Backset 35 mm.	1	0760M823522
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Manual interlock software. Backset 40 mm.	1	0760M824022
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Automatic interlock software. Backset 30 mm.	1	0760A823022
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Automatic interlock software. Backset 35 mm.	1	0760A823522
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Automatic interlock software. Backset 40 mm.	1	0760A824022
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THESIS 2.0 Professional

DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

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

Stainless steel front plate with alignment device.

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

No handle follower.

European profile cylinder hole.

Fail Secure mode.

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

Package

Code

Single door software. Backset 30 mm.	1	07600023021
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Single door software. Backset 35 mm.	1	07600023521
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Single door software. Backset 40 mm.	1	07600024021
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Manual interlock software. Backset 30 mm.	1	0760M023021
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Manual interlock software. Backset 35 mm.	1	0760M023521
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Manual interlock software. Backset 40 mm.	1	0760M024021
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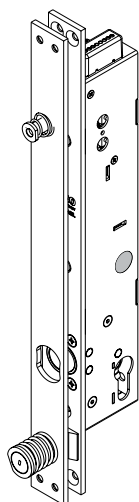
Automatic interlock software. Backset 30 mm.	1	0760A023021
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Automatic interlock software. Backset 35 mm.	1	0760A023521
--	---	--------------------

Automatic interlock software. Backset 40 mm.	1	0760A024021
--	---	--------------------

Package

Code



THEESIS 2.0 Professional

DROPBOLT FAIL SAFE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø18 mm diameter, one throw, 22 mm excursion.

Stainless steel front plate with alignment device.

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

No handle follower.

European profile cylinder hole.

Fail Safe mode.

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

Single door software. Backset 30 mm.	1	07600023022
Single door software. Backset 35 mm.	1	07600023522
Single door software. Backset 40 mm.	1	07600024022

Manual interlock software. Backset 30 mm.	1	0760M023022
Manual interlock software. Backset 35 mm.	1	0760M023522
Manual interlock software. Backset 40 mm.	1	0760M024022

Automatic interlock software. Backset 30 mm.	1	0760A023022
Automatic interlock software. Backset 35 mm.	1	0760A023522
Automatic interlock software. Backset 40 mm.	1	0760A024022



Thesis 2.0

Professional Mini



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

Key points

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

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

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

Innovative electronics with power reserve (booster) guaranteeing an efficient deadbolt movement in difficult operating conditions: even with 8V only!

Power supply from 8 to 30 VDC 1A. Its operation is guaranteed also in complex installations and critical situations. Flexible installation conditions and low power consumption.

Thesis 2.0 Professional Mini guarantees a trouble-free operation even if installed horizontally. It represents the ideal solution for automatic sliding doors.

The Lockbus interface allows the direct connection with Iseo Stylos Line credential readers, for a simple but effective access control management.

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

It can operate in interlock mode (manual or automatic) for double doors without any external control device.

(**) estimated classification. Test in progress.



THESIS 2.0 Professional Mini

Technical features

Deadbolt:

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

European profile cylinder hole

Handle follower (optional): 8 mm;

Centre distance between handle follower and cylinder: 85 mm

Front plate:

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

Striking plate:

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

Case dimensions:

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

DC supply voltage range: 8÷30 Vdc.

Max. absorbed current power in operation: 1A.

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

Opening control:

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

Max voltage and current applicable to signalling relay:

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

Programmable status signal:

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

Lockbus connection:

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

Adjustable timings:

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

THEESIS 2.0 Professional Mini

Environmental features:

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

Reference Standard: UNI EN 14846:2008;

grading: 3 H 8 0 0 E 7 0 1 (**)

3 H 8 0 0 E 7 0 1 (in combination with status indicator) (**)

Options and versions:

Operating modes in case of power failure:

Fail Secure mode (N.C. Normally Closed)

Operating software:

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

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

(**) estimated classification. Test in progress.

Lockbus

LOCAL BUS

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

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

Lockbus highlights:

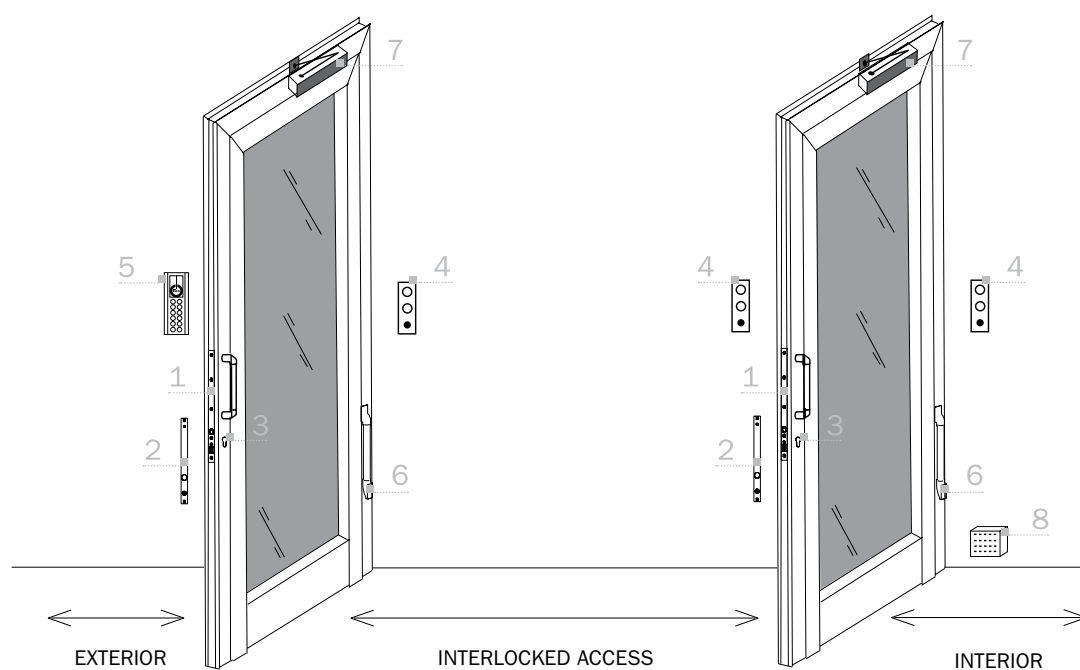
Data transmission and power supply on the same 3-wire connection up to 100 m;

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

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

THESIS 2.0 Professional Mini

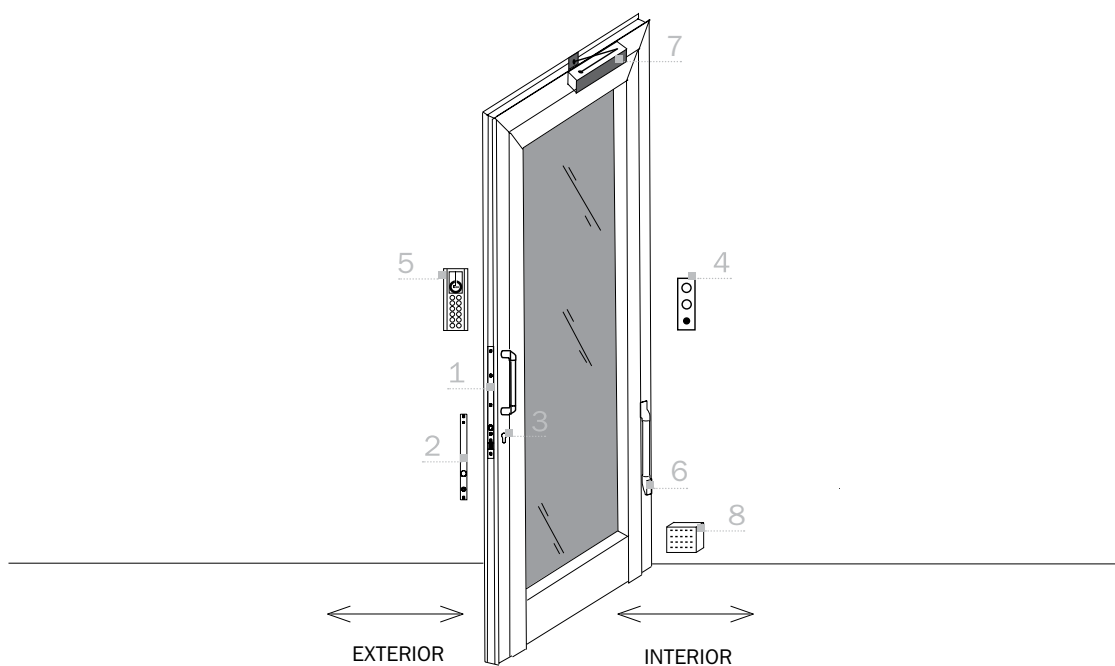
ON INTERLOCKED DOORS



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

THESIS 2.0 Professional Mini

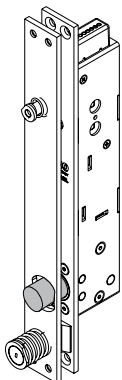
ON SINGLE DOORS



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

Package

Code



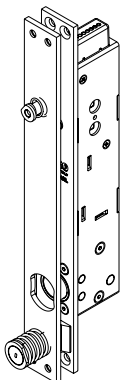
THESIS 2.0 Professional Mini

DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.
Hardened steel bolt, Ø18 mm diameter,
one throw 22 mm excursion.
Stainless steel front plate with alignment device.
Stainless steel striking plate with alignment device and in line
frame sensor.
Fail Secure mode.
Package: 1 dropbolt, 1 striking plate, instruction manual, screws,
connector with rubber protection.

Single door software.	1	07800020021
Manual interlock software.	1	0780M020021
Automatic interlock software.	1	0780A020021

Package

Code



THESIS 2.0 Professional Mini

DROPBOLT FAIL SECURE WITHOUT HANDLE FOLLOWER.

Hardened steel bolt, Ø18 mm diameter,
one throw 22 mm excursion.

Stainless steel front plate with alignment device.

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

Fail Safe mode.

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

Single door software.

1

07800020022

Manual interlock software.

1

0780M020022

Automatic interlock software.

1

0780A020022

Package

Code

THEESIS 2.0 Accessories



STRIKING PLATE FOR THEESIS 2.0 STANDARD AND STANDARD LATCHBOLT
Inox steel 25x330 mm, thickness 3 mm.
Adjustable magnet.
Adjustable positioning device.
Package: 1 striking plate.

1 0000098075000



STRIKING PLATE FOR THEESIS 2.0 PROFESSIONAL
Inox steel 30x371 mm, thickness 4 mm.
Adjustable magnet.
Adjustable positioning device.
Package: 1 striking plate.

1 0000098076000



STRIKING PLATE FOR THEESIS 2.0 PROFESSIONAL MINI
Inox steel 30x280 mm, thickness 4 mm.
Adjustable magnet.
Adjustable positioning device.
Package: 1 striking plate.

1 0000098078000



ELECTRICAL JUMPER.
For special multidevice configurations.
Package: 5 jumpers.

5 5E00000205

Package

Code

THESIS 2.0 Accessories



MORTICE STATUS INDICATOR FOR THESIS 2.0

With front-plate for mortice assembly.

Green/red light + buzzer + multifunction button.

12 Vdc power supply, 70 mA.

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

1 **FSAPL2T00000000**



RIM STATUS INDICATOR FOR THESIS 2.0

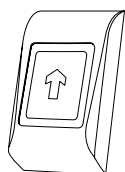
Aluminium case for rim assembly.

Green/red light + buzzer + multifunction button.

12 Vdc power supply, 70 mA.

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

1 **FSAPL2TA00000000**



TOUCH CAPACITIVE BUTTON.

Backlight (red/green for non-authorized/authorized access signalling).

Sound feedback. One relay 2A output.

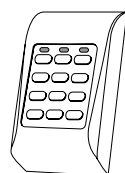
12/24 Vac/Vdc power supply. It can be used as opening button.

Programmable temporary impulse or bistable output.

IP66 protection grade.

Dimensions 92x51x25 mm

1 **50800IP54MTTS**



METAL STAND ALONE KEYBOARD

99 users codes. IP65 protection grade.

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

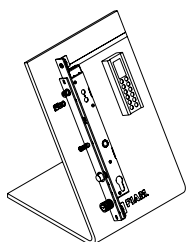
Absorption: 20 mA at rest and 100 mA in operation.

Internal and external assembly. Tamper protection.

Metal buttons with backlight. Sound buzzer.

3-colour leds. Dimensions 92x51x25 mm.

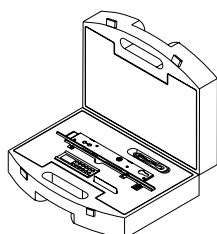
1 **58700MTPADS00**



DISPLAY.

Thesis 2.0 and Stylos PAD Reader

1 **FXK750**



DEMO KIT.

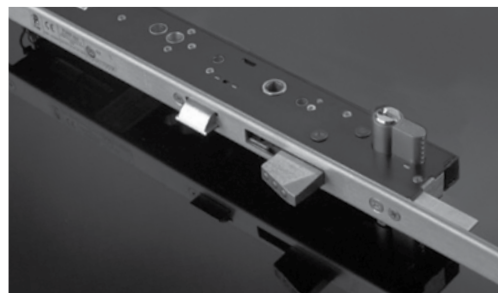
Thesis 2.0 and Stylos PAD Reader

1 **FXKVAL750**

For "Common Accessories" please see the section "Electric Locks" on pages 18 and 19



Top Exit DGT



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

Key points

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

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

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

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

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

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



It is certified

Top Exit DGT has been conceived and manufactured in compliance with European standards UNI EN 1125, EN 12209, 15685 and 14846.

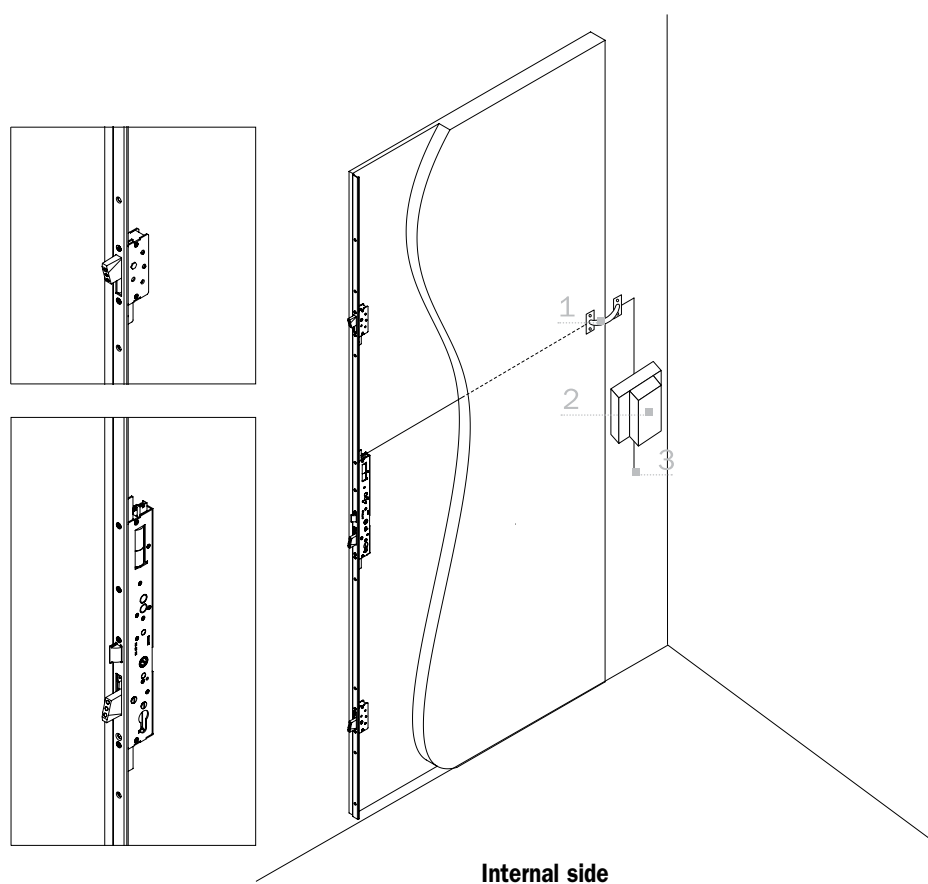
Classification example:



Main features

- Central or three locking points lock with rotating deadbolts.
- European profile cylinder hole.
- Handle follower 8 mm.
- Backset 35 mm.
- Centre distance 85 mm.
- Deadbolts status sensors, in line frame and failed locking through deadbolt signals, motorized latchbolt, handle status according to versions.
- “Hold open” function.
- 5 or 15 sec. courtesy time (door opening time) according to versions.
- Lockbus interface (optional).

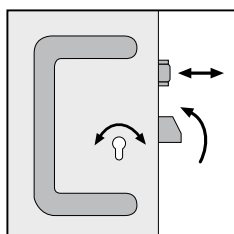
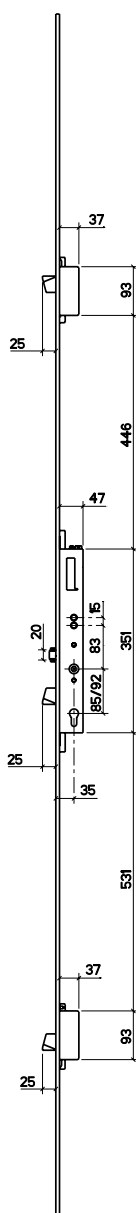
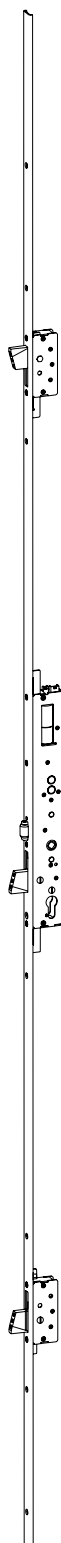
Top Exit DGT Installation scheme



1. Control unit
2. Concealed lead covers
3. 220 Vac electric power

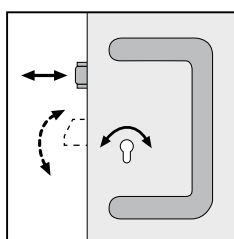


Top Exit DGT type A



FROM INSIDE

Key to open and close.
Electronic remote control.



FROM OUTSIDE

The key operates the latchbolt and
deadbolts both when opening and closing.
Electronic remote control.

LOCK STATUS MICROSWITCH

CODE	DESCRIPTION	
—	Deadbolt	●
—	In frame door signal	●
—	Failed locking through deadbolts alarm	●

● = standard

FUNCTIONS

FROM OUTSIDE:

- Motorized opening through deadbolts;
- Mechanical opening through European profile cylinder.

FROM INSIDE:

- Opening through handle;
- Mechanical opening through European profile cylinder.

LOCKING:

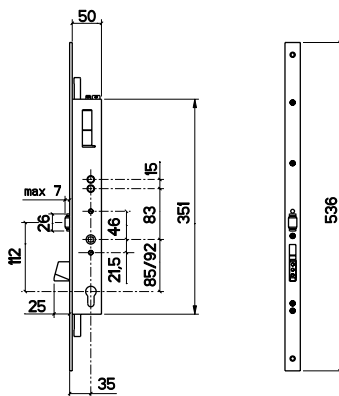
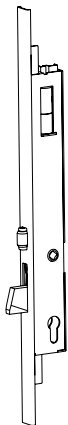
- Motorized locking when the door is closed or 15 seconds delayed locking time;
- Through European profile cylinder.

An automatic system allows to separate MECHANICAL and MOTORIZED operations in order to guarantee opening even in case of emergency and to safeguard the electromechanical parts.

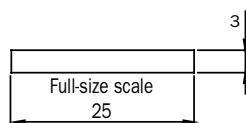
Package

Code

Top Exit DGT type A



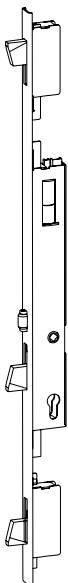
SINGLE POINT LOCK. In compliance with UNI EN 14846 standard.
Flat STAINLESS steel front plate section mm 25x3, length mm 536.
Supplied with: Control unit. Connecting cables. Fixing screws.
Handle follower.



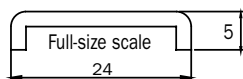
Backset 35 mm. Centre distance 85 mm.

1 0000007222885

Top Exit DGT type A



MULTIPOINT LOCK. In compliance with UNI EN 14846 and prEN 15685 standards.
U-shaped STAINLESS steel front plate section mm 24x5, length mm 2300.
Supplied with: Control unit. Connecting cables. Fixing screws.
Handle follower.



Backset 35 mm. Centre distance 85 mm.

1 0000017422885

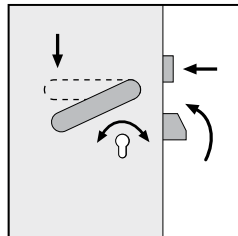
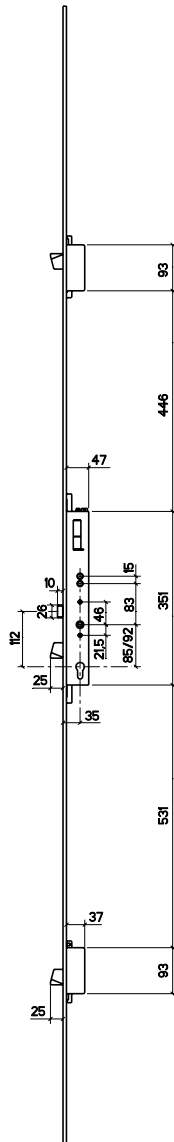
TECHNICAL FEATURES

TOP LINE

Power supply	230Vac 20W
Dimensions	210x120x65 mm
Operating functions:	-10+60°C
Courtesy time	5/15 sec.
Deleyed locking time	2 sec.
Status relay	3

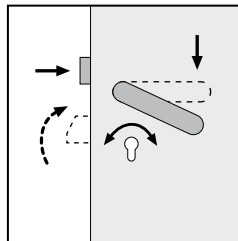


Top Exit DGT type B



FROM INSIDE

Key to open and close.
Handle to open bolts and deadbolts.
Electronic remote control.



FROM OUTSIDE

The key operates the latchbolt and deadbolts both when opening and closing.
When the deadbolts are unlocked, the handle operates the latchbolt.
Electronic remote control.

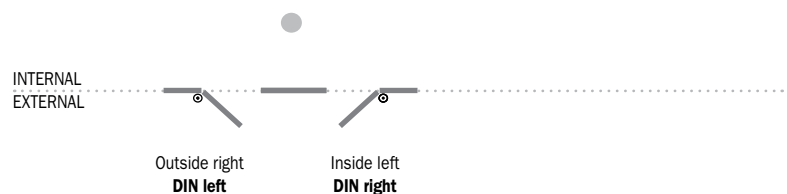
CONTROL MICROSWITCH

CODE	DESCRIPTION	
—	Deadbolt	●
—	In frame door signal	●
—	Failed locking through deadbolts alarm	●
X	Handle control	○

● = Standard
○ = On request

If you wish to order the lock with status microswitch, please add the reference codes above to the lock code.
Example: 1741688501X Top Exit DGT E 35 I 85 with handle microswitch.

Doors opening direction.



FUNCTIONS

FROM OUTSIDE:

- Motorized opening through deadbolts and latchbolt operation through handle;
- Mechanical opening through European profile cylinder.

FROM INSIDE:

- Opening through handle;
- Mechanical opening through European profile cylinder.

LOCKING:

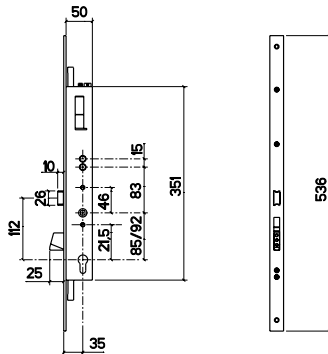
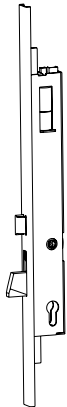
- Motorized locking when the door is closed or 15 seconds delayed locking time;
- Through European profile cylinder.

An automatic system allows to separate mechanical and motorized operations in order to guarantee opening even in case of emergency and to safeguard the electromechanical parts.

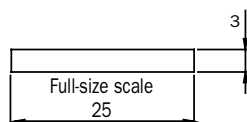
Package

Code

Top Exit DGT type B



SINGLE POINT LOCK. In compliance with UNI EN 14846 standard.
Flat STAINLESS steel front plate section mm 25x3, length mm 536.
Supplied with: Control unit. Connecting cables. Fixing screws.
Splitted handle follower.



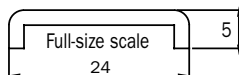
Backset 35 mm. Centre distance 85 mm. RIGHT HAND.
Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000000721688501**
1 **000000721688502**

Top Exit DGT type B



MULTIPOINT LOCK. In compliance with UNI EN 14846 and prEN 15685 standards.
U-shaped STAINLESS steel front plate section mm 24x5, length mm 2300.
Supplied with: Control unit cables. Fixing screws.
Splitted handle follower.



Backset 35 mm. Centre distance 85 mm. RIGHT HAND.
Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000001741688501**
1 **000001741688502**

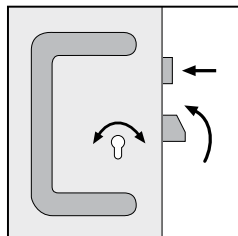
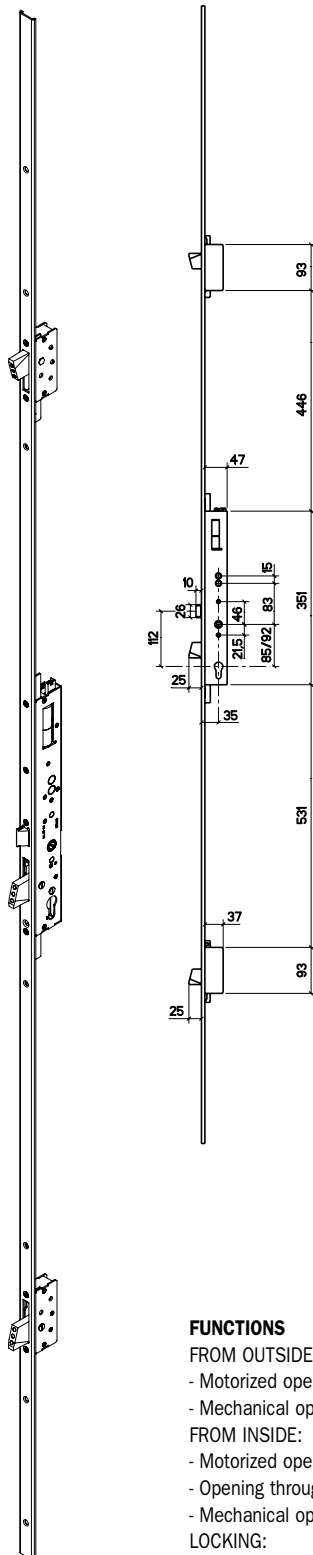
TECHNICAL FEATURES

TOP LINE

Power supply	230Vac 20W
Dimensions	210x120x65 mm
Operating functions:	-10+60°C
Courtesy time	5/15 sec.
Deleyed locking time	2 sec.
Status relay	3

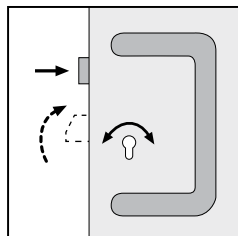


Top Exit DGT type C



FROM INSIDE

Key to open and close.
Handle to open bolts and deadbolts.
Electronic remote control.



FROM OUTSIDE

The key operates the latchbolt and deadbolts both when opening and closing.
When the deadbolts are unlocked, the handle operates the latchbolt.
Electronic remote control.

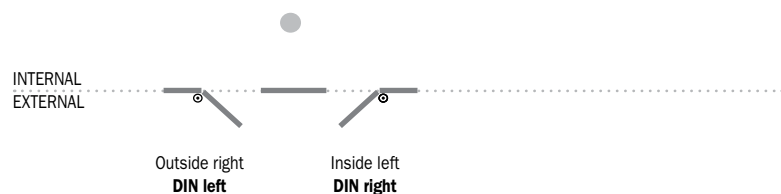
CONTROL MICROSWITCH

CODE	DESCRIPTION	
—	Deadbolt	●
—	In frame door signal	●
—	Failed locking through deadbolts alarm	●
X	Handle control	○

● = Standard
○ = On request

If you wish to order the lock with status microswitch, please add the reference codes above to the lock code.
Example: 1741688501X Top Exit DGT E 35 I 85 with handle microswitch.

Doors opening direction.



FUNCTIONS

FROM OUTSIDE:

- Motorized opening through deadbolts and latchbolt;
- Mechanical opening through European profile cylinder.

FROM INSIDE:

- Motorized opening through deadbolts and latchbolt;
- Opening through handle follower operation;
- Mechanical opening through European profile cylinder.

LOCKING:

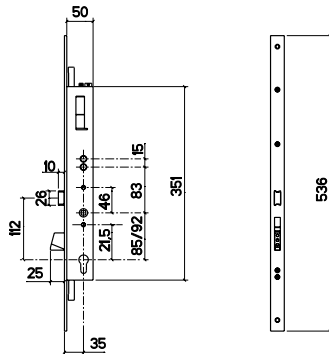
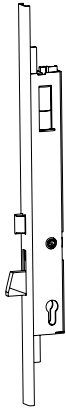
- Motorized locking when the door is closed or 15 seconds delayed locking time;
- Through European profile cylinder.

An automatic system allows to separate mechanical and motorized operations in order to guarantee opening even in case of emergency and to safeguard the electromechanical parts.

Package

Code

Top Exit DGT type C

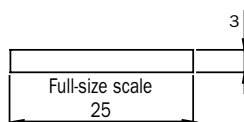


SINGLE POINT LOCK. In compliance with UNI EN 14846 standard.

Flat STAINLESS steel front plate section mm 25x3, length mm 536

Supplied with: Control unit. Connecting cables. Fixing screws.

Splitting handle follower.



Top Line. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000000721788501**

Top Line. Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000000721788502**

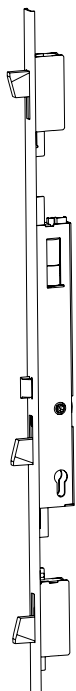
Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000000721888501**

Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000000721888502**

Top Exit DGT type C

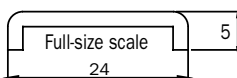


MULTIPOINT LOCK. In compliance with UNI EN 14846 and 15685 standards.

U-shaped STAINLESS steel front plate section mm 24x5, length mm 2300.

Supplied with: Control unit. Connecting cables. Fixing screws.

Splitting handle follower.



Top Line. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000001741788501**

Top Line. Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000001741788502**

Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000001741888501**

Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000001741888502**

TECHNICAL FEATURES

	TOP LINE	COMPACT LINE
Power supply	230Vac 20W	8/24Vdc 25W
Dimensions	210x120x65 mm	36x90x58 mm
Operating functions:	-10+60°C	-10+60°C
Courtesy time	5/15 sec.	5 sec.
Delayed locking time	2 sec.	2 sec.
Status relay	3	1

Package

Code

Accessories



STRIKING PLATE SET IN STAINLESS STEEL,
adjustable and reversible.

For multipoint lock type A

1

0000098174201

For multipoint lock type B and C

1

0000098174150



STRIKING PLATE IN STAINLESS STEEL,
adjustable and reversible.

For single point lock type A

1

2001117420000

For single point lock type B and C

1

2000017415000



Multiblindo Motion

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



Key points

It operates electronically in a simple and fast way through a normal keyboard, allowing the end user to set three different locking functions: Total, Light, Free.

It can be operated also by the key or the most advanced electronic access control systems: fingerscan, keyboard, transponder, PINcode.

With sound feedback. A special system monitors the door status and sends opening and closing sound signals, which can be set or completely excluded by the end user.

Customized courtesy time. The user can set the time span between the opening pulse and the automatic relocking of the door (5, 10, 30 or 60 sec.), according to the user's needs.

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

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

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

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

Main functions

- Three-point locking with top and bottom hook deadbolts.
- Deadbolts automatic mechanical relocking when the door is closed.
- Deadbolts and latchbolt electromechanical opening.
- Deadbolts lock and deviators 27 mm throw, with anti-drill and anti-cut cover plates in carbonitrided steel – maximum anti-intrusion resistance (7) according to European standard UNI EN14846:2008.
- European cylinder hole.
- 8 mm handle follower.
- Backset 35/40 mm.
- Backset 92 mm.
- Deadbolts status sensors. When the deadbolts are completely retracted a sound signal is produced.
- "Hold open" function.
- Locking time: 5 or 15 sec. according to different versions (time after which the door is automatically locked if it is not been opened after the opening impulse).

Multiblindo eMotion



It is certified

according to EN14846:08 and prEN15685:09 European standards.

Multiblindo eMotion ensures top-level intrusion protection; it doesn't lose the settings in case of a blackout and, if necessary, it always assures the mechanical key or handle action.

Example of certification:



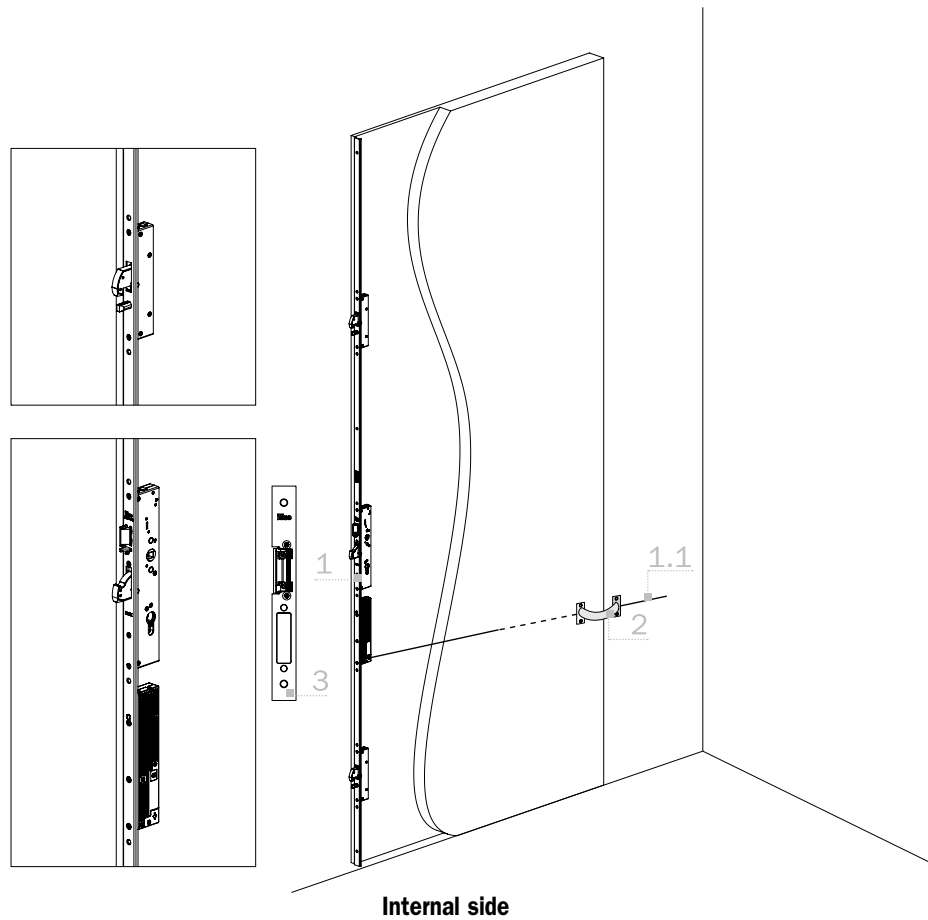
With sound feedback

A special system monitors the door status and sends opening and closing sound signals, which can be set or completely excluded by the end user.



VDS is an independent German institute. A VDS certification helps end users to distinguish high quality from mediocre products and services. ISEO Serrature has obtained the highest security certification for Multiblindo product range, class C.

Multiblindo Motion Installation scheme



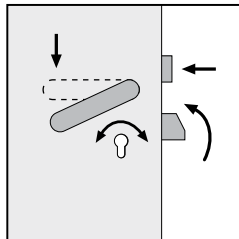
- 1. Mortice lock
 - 1.1 Cable for remote pushbutton
(supplied with the lock)
- 2. Concealed lead covers
- 3. Striking plate



Package

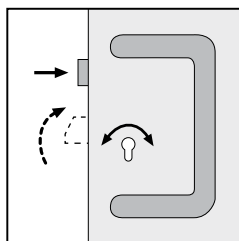
Code

Multiblindo 92 mm centre distance



FROM INSIDE

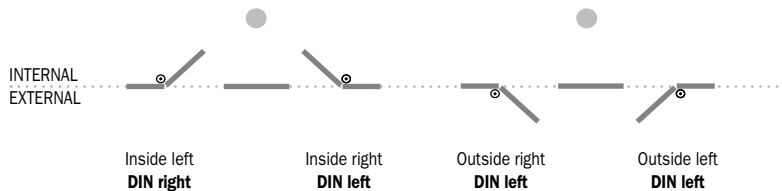
Key to open and close.
Handle to open bolts and deadbolts.
Electronic remote control.



FROM OUTSIDE

Deadbolts opening and closing.
Electronic remote control.

Doors opening direction.

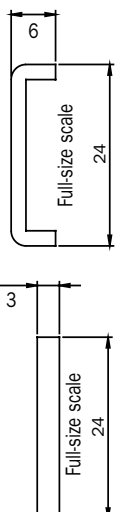


ELECTROMECHANICAL **12Vdc** MULTIPOINT mortice lock for metal frames, AUTOMATIC LOCKING OF THE LATCHBOLT AND 3 DEADBOLTS, **ROTATING HOOK DEVIATORS**. Central lock, centre distance mm 92, operating with European profile cylinder. Right or left latchbolt, **non reversible**. Deadbolts and latchbolt operated by key, handle or motor. Lock and deviators deadbolts mm 27 throw, with anti-drill and anti-cut cover plates in carbonitrided steel.

Supplied with: connection cable, 2 nylon end blocks for U-version. Fixing screws. Instruction sheet.

Accessories to be ordered separately: Striking plates 03320*

Deviators striking plates 033169 - 033171



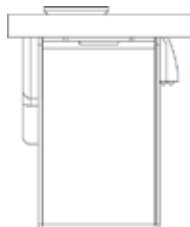
U-front plate mm 2300x24x6 in stainless steel. Backset mm 35 DIN RIGHT	1	7A3600352.D
U-front plate mm 2300x24x6 in stainless steel. Backset mm 40 DIN RIGHT	1	7A3600402.D
U-front plate mm 2300x24x6 in stainless steel. Backset mm 35 DIN LEFT	1	7A3600352.S
U-front plate mm 2300x24x6 in stainless steel. Backset mm 40 DIN LEFT	1	7A3600402.S

Flat front plate mm 2300x24x3 in stainless steel. Backset mm 35 DIN RIGHT	1	7A3610352.D
Flat front plate mm 2300x24x3 in stainless steel. Backset mm 40 DIN RIGHT	1	7A3610402.D
Flat front plate mm 2300x24x3 in stainless steel. Backset mm 35 DIN LEFT	1	7A3610352.S
Flat front plate mm 2300x24x3 in stainless steel. Backset mm 40 DIN LEFT	1	7A3610402.S

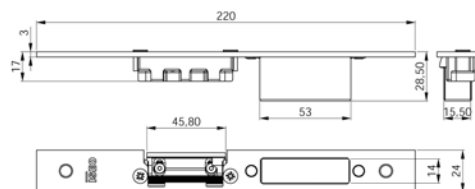
Package

Code

Multiblindo Motion



Full-size scale



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

Material: stainless steel.

With mechanical striker.

Flat front-plate **24x3x220 DIN LEFT**

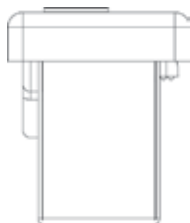
10

033200

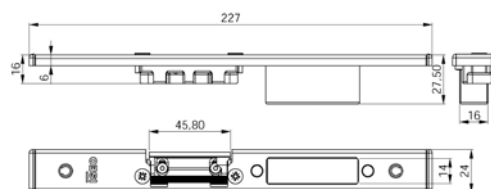
Flat front-plate **24x3x220 DIN RIGHT**

10

033201



Full-size scale



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

Material: stainless steel.

With mechanical striker.

U-front plate **24x6x220 DIN LEFT**

10

033202

U-front plate **24x6x220 DIN RIGHT**

10

033203

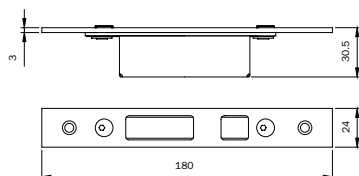
Package

Code

Multiblindo Motion



Full-size scale

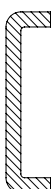


ADJUSTABLE closed striking plate for **HOOK DEVIATORS**
MULTIBLINDO EMOTION.

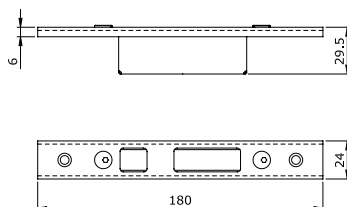
Material: stainless steel. Flat front plate **24X3X180**.

10

033169



Full-size scale



ADJUSTABLE closed striking plate for **HOOK DEVIATORS**
MULTIBLINDO EMOTION.

Material: stainless steel.

U-front plate **24X6X180**.

10

033171





x1R Easy



x1R, available in mortice and rim versions, is an electronic lock specifically developed to be installed on armoured doors.

Key points

It works with an electric motor controlled by a powerful microprocessor and the deadbolt action is always guaranteed by the mechanical operation of the key, even in case of power supply failure.

x1R locks have the same sizes and accessories as the mechanical locks, so they are interchangeable; thanks to simply electric connections the installation is very easy.

All versions are reversible, have different deadbolt extensions and centre distances.

Escutcheons are available in three different finishes.

Thanks to its structure it is classified at the maximum level (7) for the anti-intrusion protection.



It is certified

x1R is conceived and manufactured in compliance with European standards UNI EN 14846 with the following classification:

3	M	8	0	0	M	7	1	1
---	---	---	---	---	---	---	---	---

Technical features

Central lock with top and bottom rods connector.

Versions with 3 or 4 deadbolts diameter 18 mm.

European profile cylinder hole.

Handle follower 8 mm.

Backset 63 mm.

Centre distance 85 mm.

Power supply:

- battery (6 batteries 1,5 Vdc)
- power supply unit from 9 to 14 Vdc

5 function modes to be set by the end user.

RFID cards/keys reader frequency 125 KHz.

Numerical keyboard (optional).

Opening by external control (remote control, pushbutton, etc.)

Keys or master and user code programming.

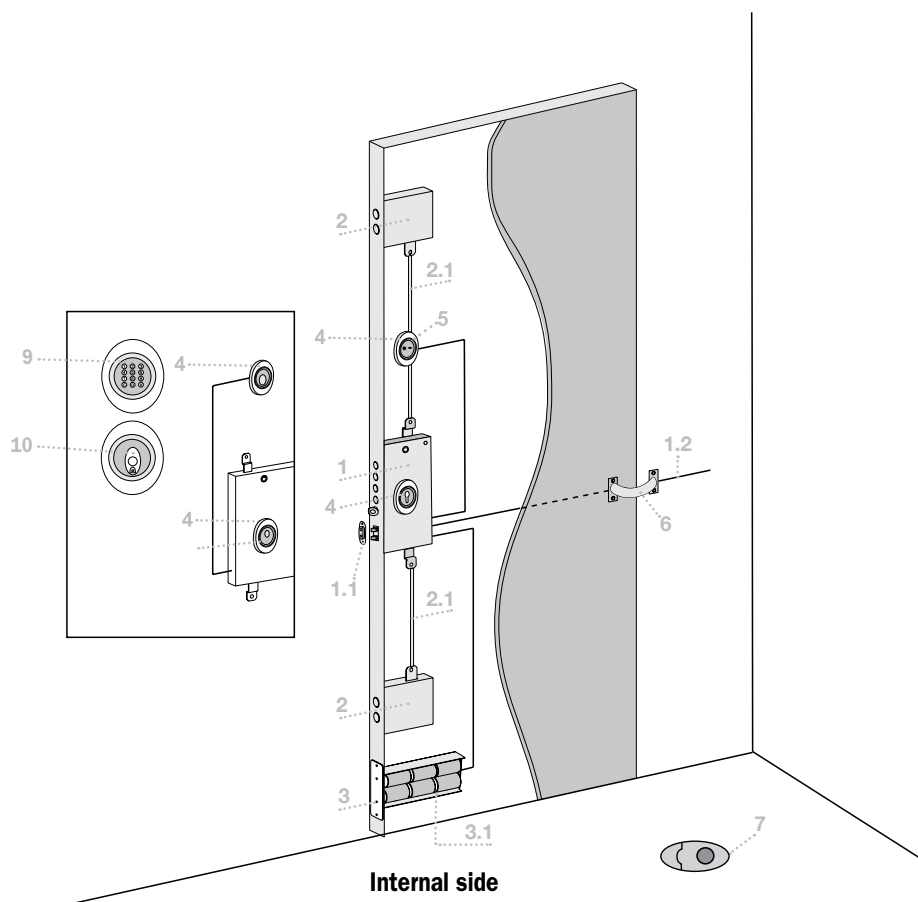
Keyboard for opening and programming (from inside).

In line frame sensor.

Operating temperature: -10°C ÷ +60°C

x1R Installation schemes

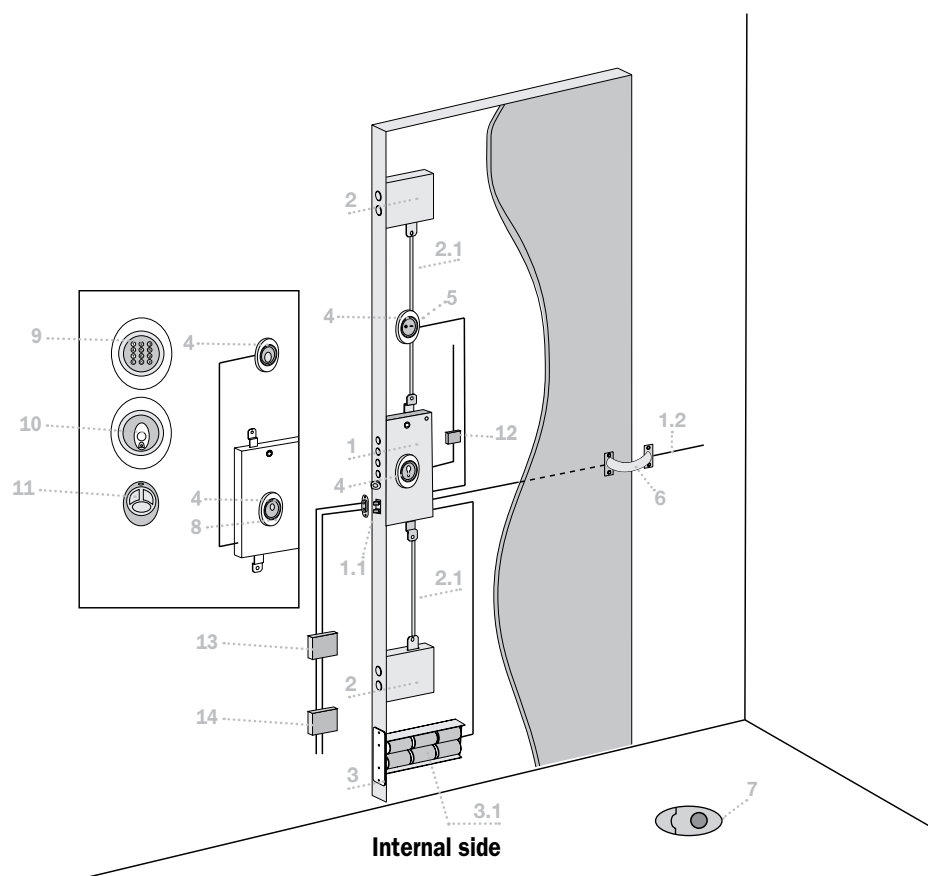
OPERATING WITH ALKALINE BATTERIES



- | | |
|--|--|
| 1. Mortice and rim lock | 5. Programming logic |
| 1.1 Door sensor
(supplied with the lock) | 6. Concealer lead cover |
| 1.2 Cable for remote control
(supplied with the lock) | 7. xKey (please specify number and type) |
| 2. Deviator | 8. Cylinder protection Ø 46 H 26 mm |
| 2.1 Connecting rod | 9. Transponder reader |
| 3. Battery holder
with power cable | 10. Keyboard with TAG reader |
| 3.1 Alkaline batteries set | |
| 4. Escutcheon (please specify the finish) | |

x1R Installation schemes

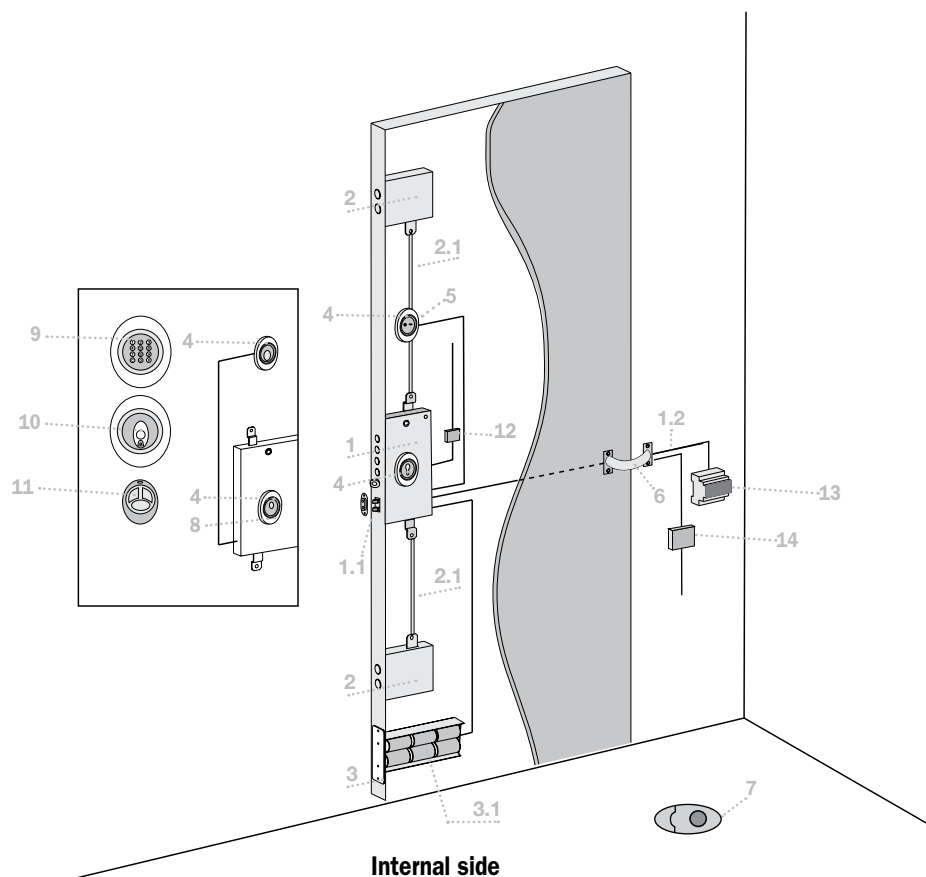
OPERATING WITH RECHARGEABLE BATTERIES



- | | |
|--|--|
| 1. Mortice and rim lock | 7. xKey (please specify number and type) |
| 1.1 Door sensor
(supplied with the lock) | 8. Cylinder protection Ø 46 H 26 mm |
| 1.2 Cable for remote control
(supplied with the lock) | 9. Transponder reader |
| 2. Deviator | 10. Keyboard with TAG reader |
| 2.1 Connecting rod | 11. Radio remote control |
| 3. Battery holder
with power cable | 12. Receiver for radio remote control |
| 3.1 Alkaline batteries set | 13. Battery charger |
| 4. Escutcheon (please specify the finish) | 14. Transformer |
| 5. Programming logic | |
| 6. Concealer lead cover | |

x1R Installation schemes

OPERATING WITH DIRECT POWER SUPPLY



- | | |
|--|--|
| 1. Mortice and rim lock | 7. xKey (please specify number and type) |
| 1.1 Door sensor
(supplied with the lock) | 8. Cylinder protection Ø 46 H 26 mm |
| 1.2 Cable for remote control
(supplied with the lock) | 9. Transponder reader |
| 2. Deviator | 10. Keyboard with TAG reader |
| 2.1 Connecting rod | 11. Radio remote control |
| 3. Battery holder
with power cable | 12. Receiver for radio remote control |
| 3.1 Alkaline batteries set | 13. I/O electronic board |
| 4. Escutcheon (please specify the finish) | 14. Power supply unit |
| 5. Programming logic | |
| 6. Concealer lead cover | |

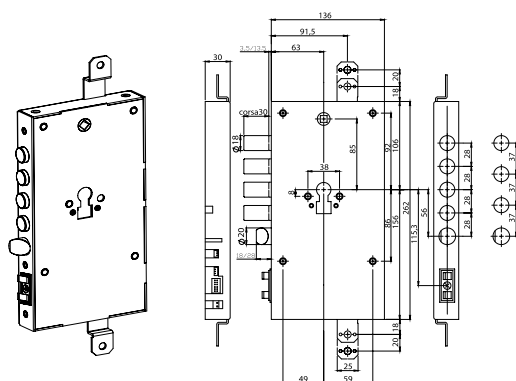


Package

Code

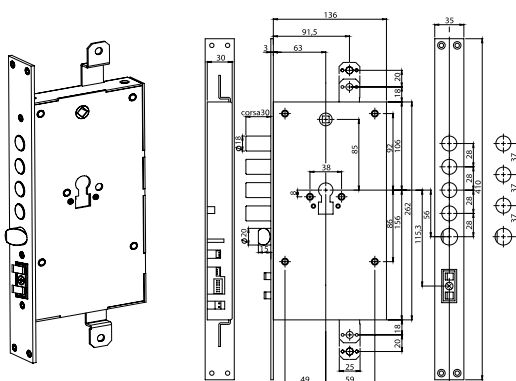
x1R Easy

x1R Easy with electronics on board. Power supply 9Vdc.
Consumption 0.2 A. 1,5 sec. delayed time.
15 sec. courtesy time.
Operating temperature: -10°C ÷ +60°C



RIM VERSION

4 DEADBOLTS. Projection 3. Centre distance 28.	1	0000006980328
4 DEADBOLTS. Projection 13. Centre distance 28.	1	0000006981328
3 DEADBOLTS. Projection 3. Centre distance 37.	1	0000006980337
3 DEADBOLTS. Projection 13. Centre distance 37.	1	0000006981337



MORTICE VERSION

4 DEADBOLTS. Centre distance 28.	1	0000006980028
3 DEADBOLTS. Centre distance 37.	1	0000006980037

Package
Code

x1R Accessories



X.KEY TRANSPONDER.

Please specify the size of the cylinders
for the version with mechanical key.
Suitable for x1R Easy.

transponder only (red)	1	XKEY006980000
transponder only (grey)	1	XKEY006980200
transponder with key (blue)*	1	XKEY006980100
3 transponders (red)	1	XKEY016980000
3 transponders (grey)	1	XKEY016980200
3 transponders with key (blue)*	1	XKEY016980100

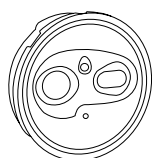
*Cylinders and keys to be ordered separately.



XCARD USER

125 KHz. Suitable for X1R EASY.

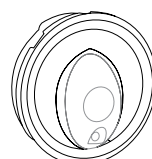
10 **XKARD69800125**



INTERNAL OPENING PUSHBUTTONS AND PROGRAMMING BOARD.

Suitable for x1R Easy.

1 **0000098PI0698**



TRANSPONDER READER (TAG).

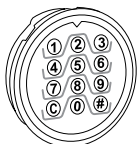
Suitable for x1R Easy.

1 **0000098TE0698**

Package

Code

x1R Accessories



KEYPAD WITH INTEGRATED TAG READER.
Suitable for x1R Easy.

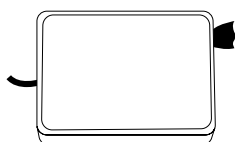
1

0000098PE0698

ROLLING CODE RADIO REMOTE CONTROL.



A



B

A RADIO REMOTE CONTROL

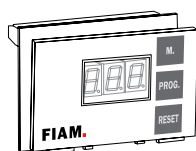
1

5870006980003

B RECEIVER

1

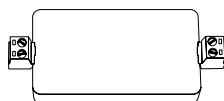
5870006980008



GATES RADIO FREQUENCY CONTROL.

1

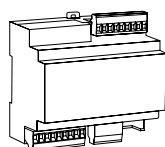
15870006980006



VOLTAGE REGULATOR
input 12V DC - Output 9Vdc.

1

5870006980009



I/O ELECTRONIC BOARD.

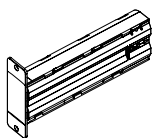
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5870006980007

Package

Code

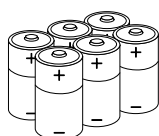
x1R Accessories



BATTERY HOLDER (batteries not included)

1

5820069800005



No. 6 BATTERIES TYPE D 1,5V

ALKALINE

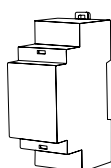
1

5820060000006

RECHARGEABLE

1

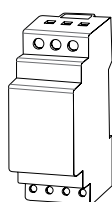
5820060000016



BATTERY CHARGER.

1

5820060010016

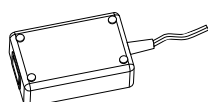


TRANSFORMER

input 220 Vac-Output 12 V-15 VA

1

5820006980000



POWER SUPPLY UNIT 9 V – 2,89 A for direct power supply
(without batteries)

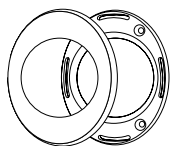
1

5870000003809

Package

Code

x1R Accessories



UNIVERSAL SINGLE ESCUTCHEON made of a nylon base, brass cover and fixing screws.

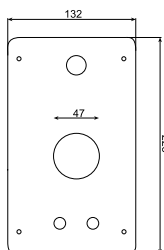
Finish: varnished polished brass (OLV) – polished chrome (CRL)
satin chrome (CRS) – aluminium bronze (BRO).

aluminium bronze (BRO)	1	0000098N0XBRO
polished chrome (CRL)	1	0000098N0XCRL
satin chrome (CRS)	1	0000098N0XCRS
varnished polished brass (OLV)	1	0000098N0XOLV
aluminium bronze (BRO)	10	0000098N1DBRO
polished chrome (CRL)	10	0000098N1DCRL
satin chrome (CRS)	10	0000098N1DCRS
varnished polished brass (OLV)	10	0000098N1DOLV



NYLON INSERT for European profile cylinder.

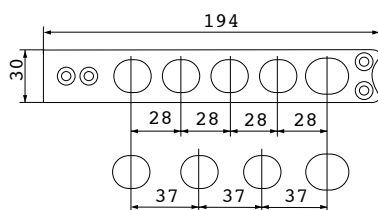
10 0000098N00CIL



STEEL SUPPORTING PLATE thickness 3 mm.

1 0000099069800

CHROME-PLATED STEEL STRIKING PLATE COVER.



l=28mm

1 2000006980028

l=37mm

1 2000006980037



x1R Lockbus®

x1R Lockbus, available in mortice and rim versions, is an electronic lock specifically conceived for installations in location with high security requirements which are integrated in simple or complex control or supervision systems.

Key points

It works both during opening and closing operations thanks to a motor controlled by a powerful microprocessor, and the deadbolt action is always guaranteed by the mechanical operation of the key, even in case of power supply failure.

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

x1R locks have the same sizes and accessories as the mechanical locks, so they are interchangeable; thanks to simply electric connections the installation is very easy.

All versions are reversible, have different deadbolt extensions and centre distances.
Escutcheons are available in three different finishes.

Thanks to its structure it is classified at the maximum level (7) for the anti-intrusion protection.



It is certified

x1R is conceived and manufactured in compliance with European standards UNI EN 14846 with the following classification:



Technical features

Central lock with European profile cylinder hole and top and bottom rods connector.

Versions with 3 or 4 deadbolts diameter 18 mm.

Handle follower 8 mm.

Backset 63 mm. Centre distance 85 mm.

Power supply from 9 to 14Vdc.

Lockbus interface.

In line frame and deadbolt status.

Fail Secure mode (N.C. Normally Closed) and Fail Safe mode (N.O. Normally Open) versions through "Battery Manager" module.

Operating temperature: -10°C ÷ +60°C.

Lockbus

LOCAL BUS

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

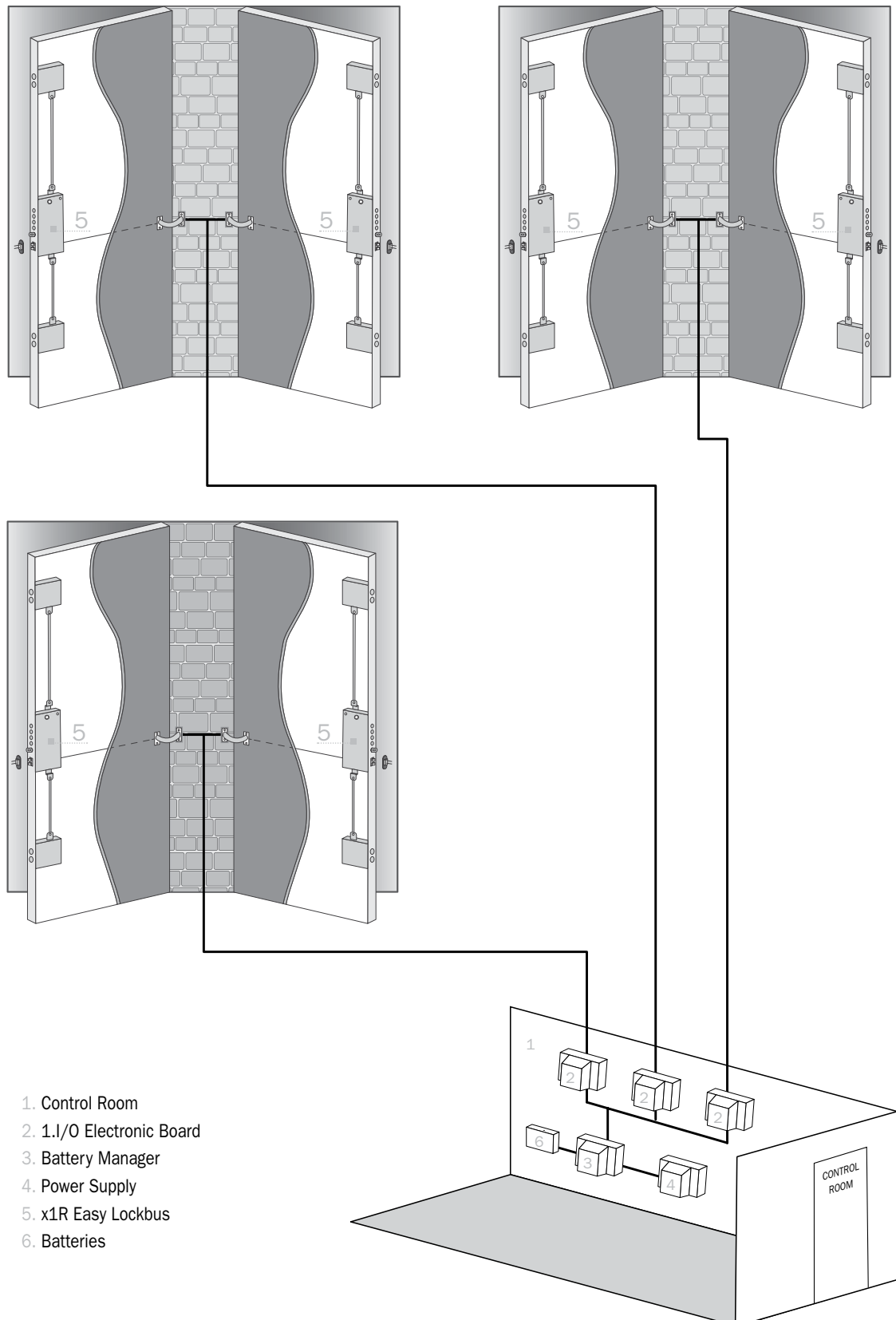
Lockbus highlights:

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

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

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

x1R Lockbus® Installation example



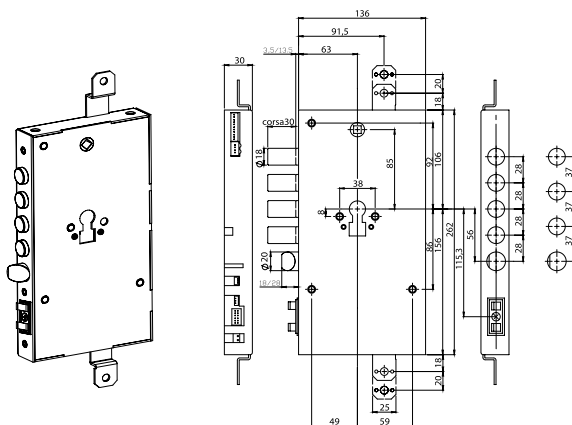


Package

Code

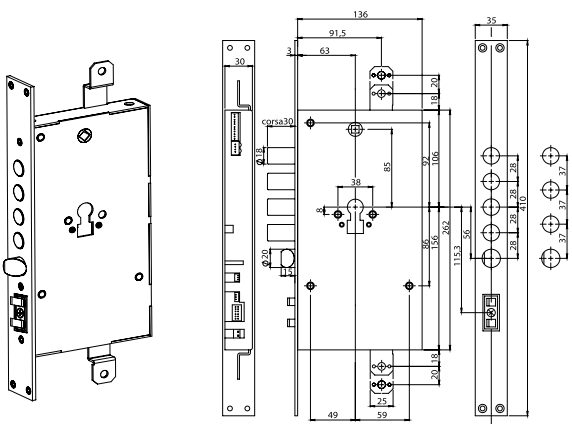
x1R Lockbus®

X1R LOCKBUS with electronics on board. Power supply 9-14 Vdc.
1,5 sec. delayed time.
15 sec. courtesy time.
Operating temperature: -10°C ÷ +60°C



RIM VERSION

4 DEADBOLTS. Projection 3. Centre distance 28. Lockbus.	1	00000069803281L
4 DEADBOLTS. Projection 13. Centre distance 28. Lockbus.	1	00000069813281L
3 DEADBOLTS. Projection 3. Centre distance 37. Lockbus.	1	00000069803371L
3 DEADBOLTS. Projection 13. Centre distance 37. Lockbus.	1	00000069813371L



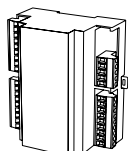
MORTICE VERSION

4 DEADBOLTS. Centre distance 28. Lockbus.	1	00000069800281L
3 DEADBOLTS. Centre distance 37. Lockbus.	1	00000069800371L

Package

Code

x1R Lockbus®



MULTI I/O MODULE 6+6 x1R Lockbus

The MULTI I/O module can manage status and opening commands of maximum two locks x1R Lockbus through communication channel "Lockbus". It can be programmed to operate locks x1R Lockbus in FAIL SAFE or FAIL SECURE mode. It conveys the locks' status signals through relays (3 status per lock). It receives information from the module "Battery Manager" through an opto-isolated input.

Opto-isolated inputs 8-24 Vdc

Relay output N.O and N.C. 24Vdc/1A

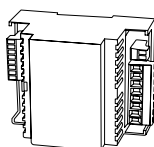
Operating temperature: -10°C ÷ +60°C

Humidity max 95% without condensation

Multi I/O module 6+6 x1R Lockbus

1

5870006980014



BATTERY MANAGER MODULE x1R Lockbus

The "Battery Manager" module charges and tests a backup battery which supply the necessary power to a group of locks x1R Lockbus (6 maximum) to guarantee a last emergency operation. It guarantees the operation of the locks up to 10,5V as minimum threshold in case of failure of the main power supply. It operate a periodic test (every 30 minutes) in order to convey a signaling output of the battery status. It signals also the failure of the main power supply.

Opto-isolated inputs 8-24 Vdc

Relay output N.O and N.C. 24Vdc/1A

Operating temperature: -10°C ÷ +60°C

Humidity max 95% without condensation.

Modulo Battery Manager x1RL

1

5870006980015

**Emergency
exit
controls**



Emergency exit controls

The legislation in force requires that the components installed in an emergency exit door must be in compliance and certified according to the standards UNI EN1125:08 and UNI EN179:08.

ISEO Zero1 product range for emergency exits automatic control includes solutions for any installation exigency.

According to the relevant legislation the different devices installed on a door must be certified both as a single device and as a kit.

ISEO Zero1 has decided to certify different combinations of panic exit devices with electronic locks, so that any solution has its own certification.

Behinds these combinations, ISEO Zero1 range for emergency exits control includes also a solution with integrated alarm (Push Sirena) and an external electronic actuator (Push Tronic).

Top Exit DGT

with operating bar or handle

Multiblindo  **Motion EXIT**
and operating bar

Push SIRENA

Trim-Tronic

Top Exit DGT



Top Exit DGT is a smart locking system, conceived and manufactured specifically for emergency exits on steel and aluminium metal frames, combined with the 949 bar or specific handle.

Key points

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

The 949 bar or handle operation ensures a safe evacuation in case of emergency, according to the regulations in force.

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

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

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

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

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

Top Exit DGT has been conceived and manufactured in compliance with European standards UNI EN 12209, 15685 e 14846.



It is certified combined with the operating bar 949

Combined with the operating bar 949 has been conceived and manufactured in compliance with European standard UNI EN1125 with the following classification:

3 7 6 A 1 4 2 2 A B

Panic operating bar to which a microswitch can be installed allowing to signal emergency opening.



It is certified combined with handle

Combined with handle has been conceived and manufactured in compliance to European standard UNI EN179:08 with the following classification:

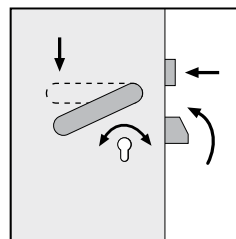
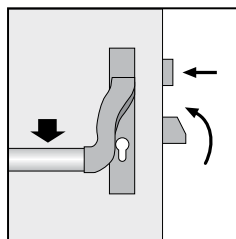
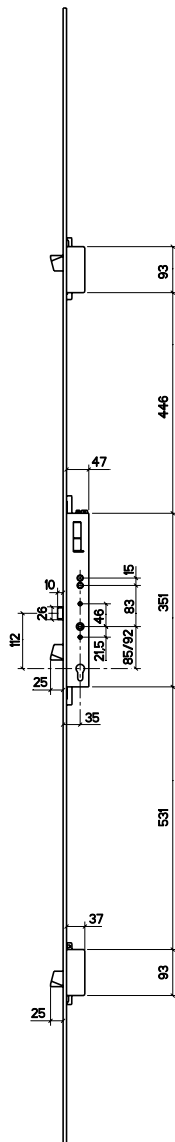
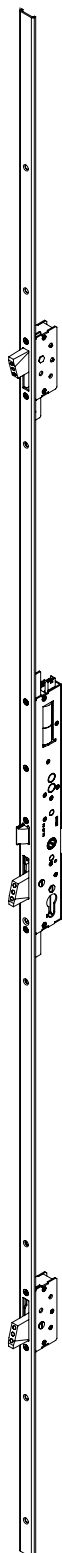
3 7 6 A 1 4 4 2 A B

3 7 6 A 1 4 4 2 A D

Handle in stainless steel with EN179 escutcheon. Conceived and tested according to the standard EN1906, class 3. Protection against corrosion: class 3. Over 200.000 opening cycles.

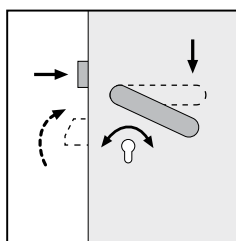


Top Exit DGT type B with operating bar or handle



FROM INSIDE

Panic exit device or handle to open.
Key to open and close through deadbolts.
Electronic remote control.



FROM OUTSIDE

The key operates the latchbolt and deadbolts both when opening and closing.
When the deadbolts are unlocked, the handle operates the latchbolt.
Electronic remote control.

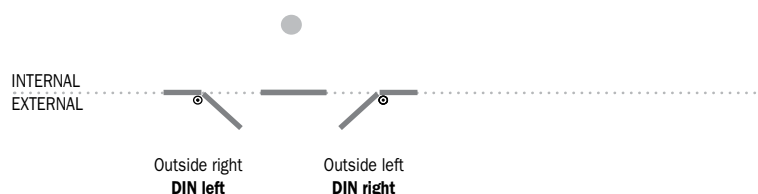
CONTROL MICROSWITCH

CODE	DESCRIPTION	
-	Deadbolt	●
-	In frame door signal	●
-	Failed locking through deadbolts alarm	●
X	Handle control	○

● = Standard
○ = On request

If you wish to order the lock with status microswitch, please add the reference codes above to the lock code. Example: 1741688501X Top Exit DGT E 35 I 85 with handle control microswitch.

Doors opening direction



FUNCTIONS

FROM OUTSIDE:

- Motorized opening through deadbolts and latchbolt operation through handle;
- Mechanical opening through European profile cylinder.

FROM INSIDE:

- Opening through handle;
- Mechanical opening through European profile cylinder.

LOCKING:

- Motorized locking when the door is closed or 15 seconds delayed locking time;
- Through European profile cylinder.

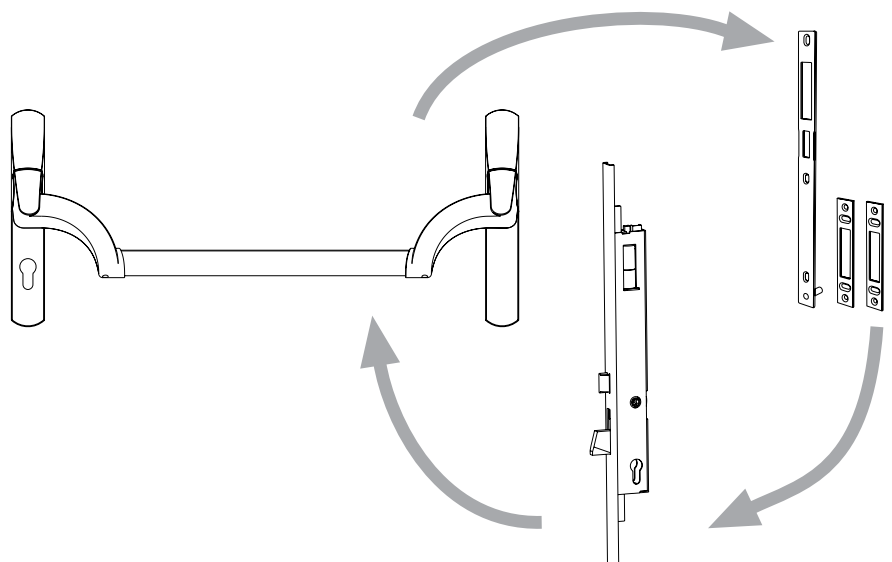
An automatic system allows to separate mechanical and motorized operations in order to guarantee opening even in case of emergency and to safeguard the electromechanical parts.



Top Exit DGT type B with operating bar or handle

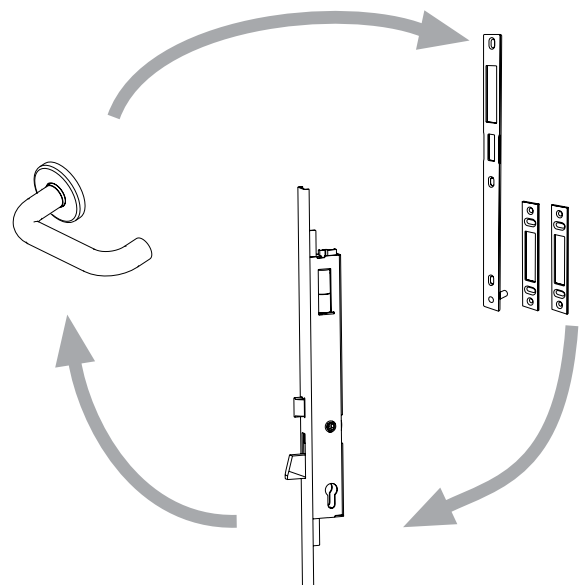
The panic exit device for fire resistant doors with mortice lock for single leaf is made up of a horizontal bar which operates the locking mechanism through the handle follower. This operation unlocks the lock and opens the door. Reversible mechanism for right or left handed doors. All devices can be used with a microswitch that signals emergency openings.

Operating mechanism	Bar	Lock	Striking plate
9490000504*..IF	9459**	17*16885**	98174150
9490000504*..IF	9459**	07*16885**	2000017415000



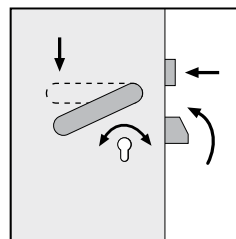
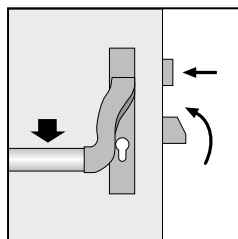
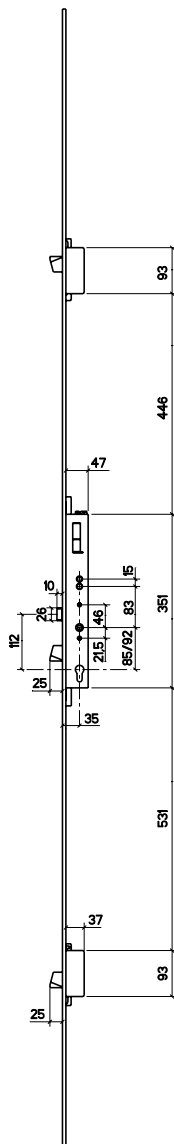
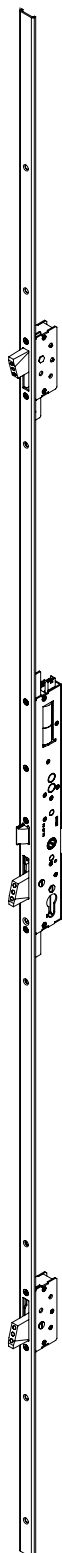
The emergency device with mortice lock for SINGLE leaf is made up of a handle which operates the locking mechanism through the handle follower. The operation of the handle causes the rotation of the handle follower, unlocks the lock and opens the door. Reversible mechanism for right and left handed doors.

Handle	Lock	Striking plate
558110721****	17*16885**	98174150
558110721****	07*16885**	2000017415000





Top Exit DGT type C with operating bar or handle

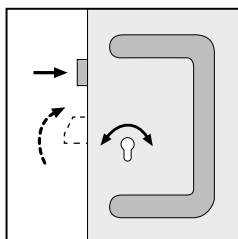


FROM INSIDE

Panic exit device or handle to open.

Key to open and close with deadbolts.

Electronic remote control.



FROM OUTSIDE

The key operates the latchbolt and deadbolts both when opening and closing.

When the deadbolts are unlocked, the handle operates the latchbolt.

Electronic remote control.

CONTROL MICROSWITCH

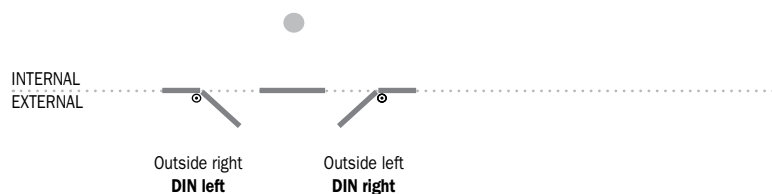
CODE	DESCRIPTION	
—	Deadbolt	●
—	In frame door signal	●
—	Failed locking through deadbolts alarm	●
X	Handle control	○

● = Standard

○ = On request

If you wish to order the lock with status microswitch, please add the reference codes above to the lock code.
Example: 1741688501X Top Exit DGT E 35 I 85 with handle control microswitch.

Doors opening direction.



FUNCTIONS

FROM OUTSIDE:

- Motorized opening through deadbolts and latchbolt;
- Mechanical opening through European profile cylinder.

FROM INSIDE:

- Motorized opening through deadbolts and latchbolt;
- Opening through handle or panic bar;
- Mechanical opening through European profile cylinder.

LOCKING:

- Motorized locking when the door is closed or 15 seconds delayed locking time;
- Through European profile cylinder.

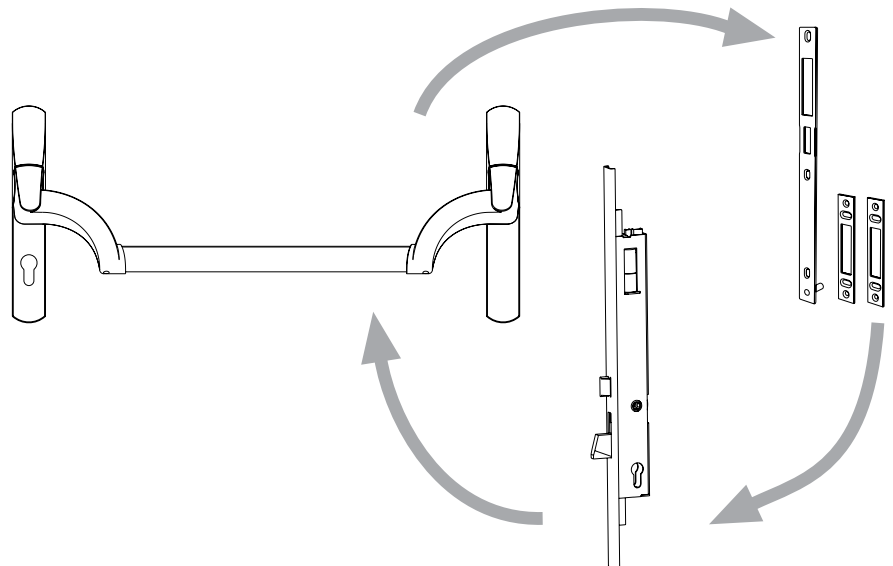
An automatic system allows to separate mechanical and motorized operations in order to guarantee opening even in case of emergency and to safeguard the electromechanical parts.



Top Exit DGT type C with operating bar or handle

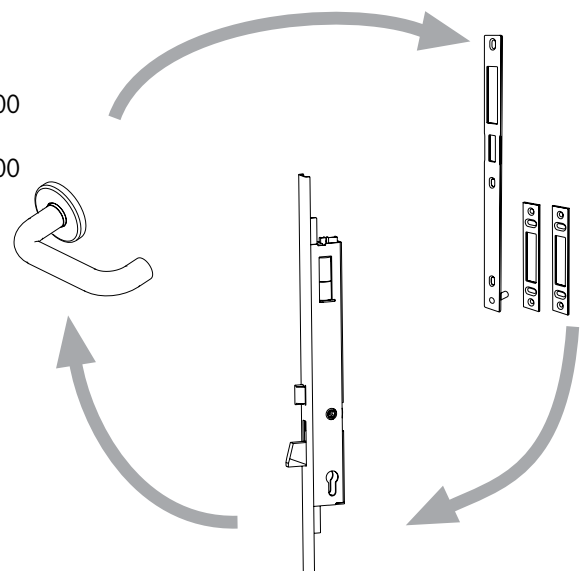
The panic exit device for fire resistant doors with mortice lock for single leaf is made up of a horizontal bar which operates the locking mechanism through the handle follower. This operation unlocks the lock and opens the door. Reversible mechanism for right or left handed doors. All devices can be used with a microswitch that signals emergency openings.

Operating mechanism	Bar	Lock	Striking plate
9490000504*..IF	9459**	17*16885**	98174150
9490000504*..IF	9459**	07*16885**	2000017415000
9490000504*..IF	9459**	17*18885**	98174150
9490000504*..IF	9459**	07*18885**	2000017415000



The emergency device with mortice lock for SINGLE leaf is made up of a handle which operates the locking mechanism through the handle follower. The operation of the handle causes the rotation of the handle follower, unlocks the lock and opens the door. Reversible mechanism for right and left handed doors.

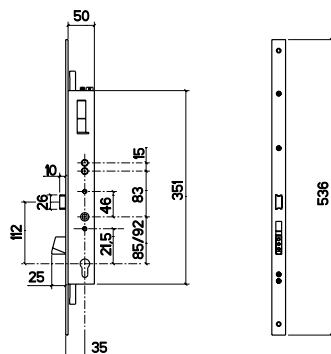
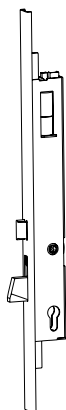
Handle	Lock	Striking plate
558110721****	17*16885**	98174150
558110721****	07*16885**	2000017415000
558110721****	17*18885**	98174150
558110721****	07*18885**	2000017415000



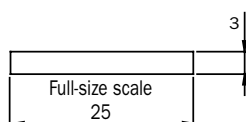
Package

Code

Top Exit DGT type B



SINGLE POINT LOCK. In compliance with UNI EN 14846 standard.
Flat STAINLESS steel front plate section mm 25x3, length mm 536.
Supplied with: Control unit. Connecting cables. Fixing screws.
Splitted handle follower.



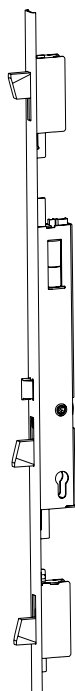
Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000000721688501**

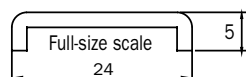
Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000000721688502**

Top Exit DGT type B



MULTIPOINT LOCK. In compliance with UNI EN 14846 and prEN 15685 standards.
U-shaped STAINLESS steel front plate section mm 24x5, length mm 2300.
Supplied with:
Control unit cables. Fixing screws.
Splitted handle follower.



Backset 35 mm. Centre distance 85 mm. RIGHT HAND.

1 **000001741688501**

Backset 35 mm. Centre distance 85 mm. LEFT HAND.

1 **000001741688502**

TECHNICAL FEATURES

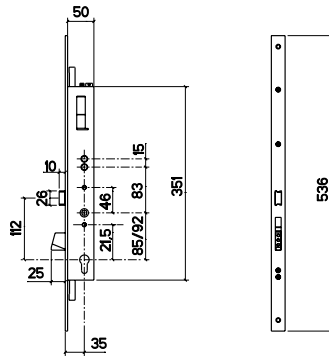
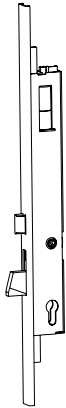
TOP LINE

Power supply	230Vac 20W
Dimensions	210x120x65 mm
Operating functions:	-10+60°C
Courtesy time	5/15 sec.
Deleyed locking time	2 sec.
Status relay	3

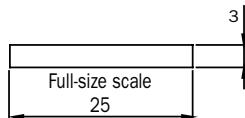
Package

Code

Top Exit DGT type C



SINGLE POINT LOCK. In compliance with UNI EN 14846 standard.
Flat STAINLESS steel front plate section mm 25x3, length mm 536
Supplied with: Control unit. Connecting cables. Fixing screws.
Splitted handle follower.

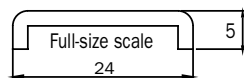


Top Line. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.	1	000000721788501
Top Line. Backset 35 mm. Centre distance 85 mm. LEFT HAND.	1	000000721788502
Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.	1	000000721888501
Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. LEFT HAND.	1	000000721888502

Top Exit DGT type C



MULTIPOINT LOCK. In compliance with UNI EN 14846 and prEN 15685 standards.
U-shaped STAINLESS steel front plate section mm 24x5, length mm 2300.
Supplied with: Control unit. Connecting cables. Fixing screws.
Splitted handle follower.



Top Line. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.	1	000001741788501
Top Line. Backset 35 mm. Centre distance 85 mm. LEFT HAND.	1	000001741788502
Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. RIGHT HAND.	1	000001741888501
Compact Line. Lockbus Interface. Backset 35 mm. Centre distance 85 mm. LEFT HAND.	1	000001741888502

TECHNICAL FEATURES	TOP LINE	COMPACT LINE
Power supply	230Vac 20W	8/24VDC 25W
Dimensions	210x120x65 mm	36x90x58 mm
Operating functions:	-10+60°C	-10+60°C
Courtesy time	5/15 sec.	5 sec.
Deleyed locking time	2 sec.	2 sec.
Status relay	3	1

Package

Code



Accessories



STEEL EMERGENCY EXIT DEVICE, REVERSIBLE.

Lateral mechanisms, centre distance 85, handle follower 8, BLACK.

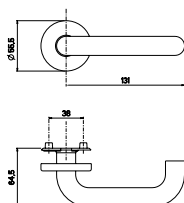
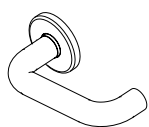
Bar length 1130, GREY.

Bar length 1130, RED.

Bar length 1330, RED.

Bar length 1330, STAINLESS STEEL.

1	94900005048..IF	YES
1	945923	YES
1	945928	YES
1	945938	YES
1	945932	NO



EN 179 STAINLESS STEEL HANDLE, with escutcheon.

Designed and tested in compliance with standard EN1906, class 3.

Protection against corrosion: class 3.

Over 200.000 opening cycles, fixing screws M5, with holding screw, molla di richiamo, it doesn't require any maintenance, reversible.

Finishing: satin stainless steel.

1	5581107210000	NO
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STRIKING PLATE SET IN STAINLESS STEEL, adjustable and reversible.

For multipoint lock type B and C

1	98174150	NO
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STRIKING PLATE IN STAINLESS STEEL, adjustable and reversible.

For single point lock type B and C.

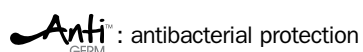
1	2000017415000	NO
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MICROSWITCH, to be inserted in the operating mechanism 949.

It can be used in conjunction with security systems. Fixing screw. Instruction sheet.

1	94100160	NO
---	-----------------	----









Multiblindo eMotion EXIT with operating bar

The electromechanical automatic lock Multiblindo eMotion EXIT with panic function has got the same features as the lock Multiblindo eMotion. The system is made up of the lock and the operating bar. A microswitch detects and signals the deadbolt status. From the outside it operates by key or the most advanced electronic access systems: fingerscan, keyboard, transponder, PIN-code. From the inside it operates electronically in a simple and fast way through a normal keyboard. The end user can choose the locking mode according to his security requirements: Total, Light, Free. The deadbolts and latchbolt are always operated by the panic bar.



It is certified

according to the EN 1125:08 standard in combination with its striking plates and operating bar Pro EXIT, with the following certification:

3 7 6 A 1 4 2 1 A B



Operating bar

Operating bar on which a microswitch can be applied. It detects the emergency opening.



Set your time

The user can set the time span between the opening pulse and the automatic relocking of the door.

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

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

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

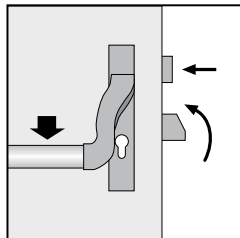
Free. With this setting, Multiblindo eMotion keeps the latchbolt and deadbolts completely unlocked: the door will stay in a free-opening status, in the classic hold-open situation. Total freedom ensuring a free access both from inside and outside until a new setting is given.



Package

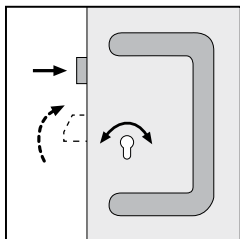
Code

Multiblando eMotion EXIT centre distance 92 mm



FROM INSIDE

Panic exit device to open.
Key to open and close.
Electronic remote control.



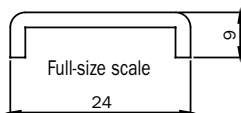
FROM OUTSIDE

Key to open and close.
Electronic remote control.

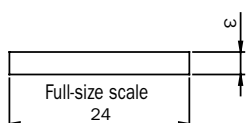
Multiblando eMotion EXIT is a motorized multipoint mortice lock, with panic device. Operating by horizontal bar of Pro EXIT that, through the rotation of the follower, it open 3 deadbolts and latchbolt. eMotion EXIT after the alignment of the frame is able to close automatically latchbolt and 3 deadbolts (mode Total), only the latchbolt (mode Light) or to set the hold open function (mode Free). Microswitch to detect the deadbolts status. Central lock 9 mm follower, 92 mm centre distance, European cylinder. Latchbolt DIN RIGHT or DIN LEFT. Deadbolts and latchbolt operated by key, panic device or motor 12Vdc. Lock deadbolts and deviators hook rotating deadbolts with 27 mm throw, with anti-drill and anti-cut carbonitrided steel.

Supplied with: connection cable, 2 nylon end blocks for U-version, fixing screws, instruction sheet.

Accessories to be ordered separately: Striking plates 03320*
Deviators striking plates 033169 - 033171



U-front plate 2300x24x6 in stainless steel. Backset mm 35 DIN RIGHT	1	7A37003521D.A
U-front plate 2300x24x6 in stainless steel. Backset mm 35 DIN LEFT	1	7A37003521S.A
U-front plate 2300x24x6 in stainless steel. Backset mm 40 DIN RIGHT	1	7A37004021D.A
U-front plate 2300x24x6 in stainless steel. Backset mm 40 DIN LEFT	1	7A37004021S.A



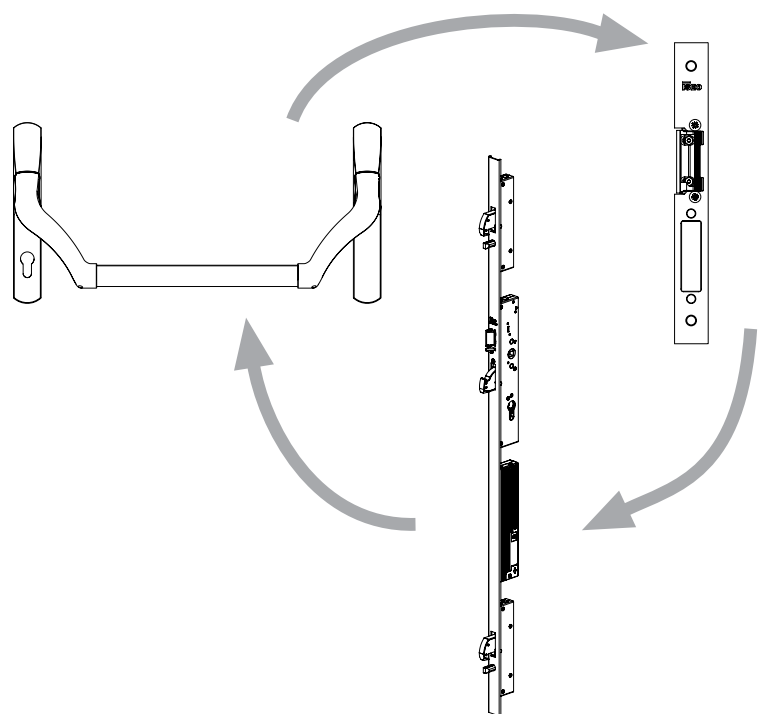
Flat front-plate 2300x24x3 in stainless steel. Backset mm 35 DIN RIGHT	1	7A37103521D.A
Flat front-plate 2300x24x3 in stainless steel. Backset mm 35 DIN LEFT	1	7A37103521S.A
Flat front-plate 2300x24x3 in stainless steel. Backset mm 40 DIN RIGHT	1	7A37104021D.A
Flat front-plate 2300x24x3 in stainless steel. Backset mm 40 DIN LEFT	1	7A37104021S.A



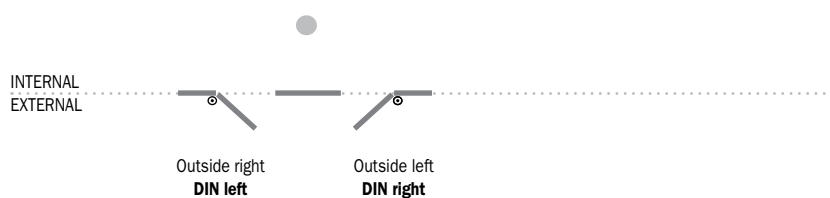
Multiblindo Motion EXIT

The panic exit device for fire resistant doors with mortice lock for single leaf is made up of a horizontal bar which operates the locking mechanism through the handle follower. This operation unlocks the lock and opens the door. Reversible mechanism for right or left handed doors. All devices can be used with a microswitch that signals emergency openings.

Operating mechanism	Bar	Lock	Striking plate
94A0000**69*	9459**	7A3*****.A	03320*

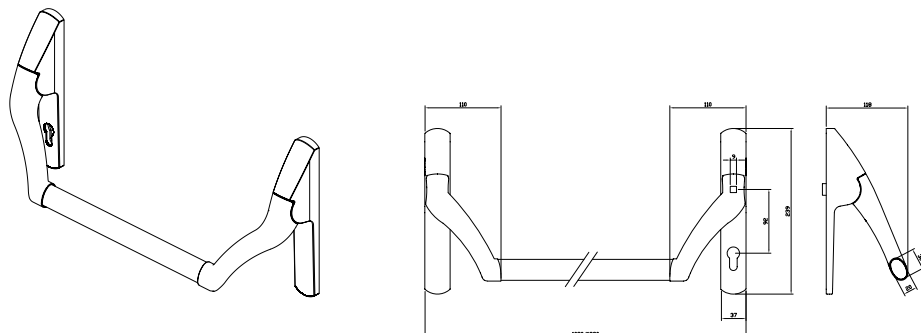


Doors opening direction.



Code

Package

Pro EXIT

STEEL EMERGENCY EXIT DEVICE Pro EXIT for Multiblindo eMotion EXIT.

Lateral mechanisms, centre distance 92 mm, handle follower 9 mm, European cylinder	1	94A000050699	YES
Oval bar length 1130, RED	1	945928	YES
Oval bar length 1330, RED	1	945938	YES



MICROSWITCH, to be inserted in the operating mechanism 949.

It can be used in conjunction with security systems. Fixing screw. Instruction sheet.

1 **94100160** NO

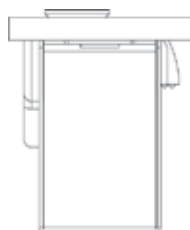
Anti™: antibacterial protection

For "Common Accessories" please see the section "Electric Locks" on pages 18 and 19

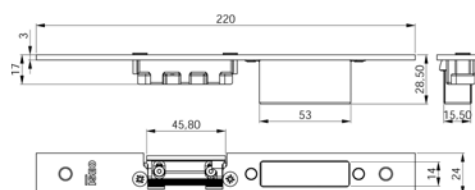
Package

Code

Striking plates



Full-size scale



Adjustable striking plate for central lock
MULTIBLINDO EMOTION.

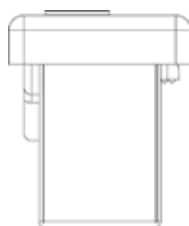
In stainless steel with mechanical striker.

Flat front plate **24x3x220 DIN LEFT**

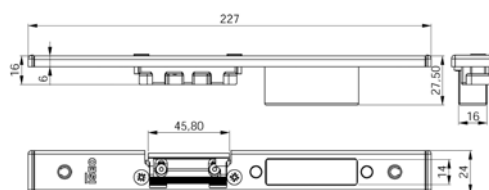
10 **033200**

Flat front plate **24x3x220 DIN RIGHT**

10 **033201**



Full-size scale



Adjustable striking plate for central lock
MULTIBLINDO EMOTION.

In stainless steel with mechanical striker.

U-shaped front plate **24x6x220 DIN LEFT**

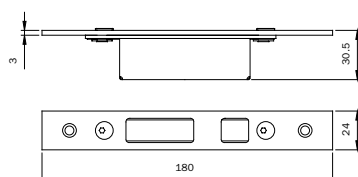
10 **033202**

U-shaped front plate **24x6x220 DIN RIGHT**

10 **033203**



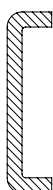
Full-size scale



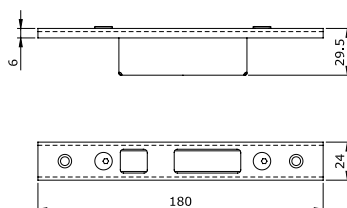
ADJUSTABLE closed striking plate for **HOOK DEVIATORS**
MULTIBLINDO EMOTION.

Material: stainless steel. Flat front plate **24X3X180**.

10 **033169**



Full-size scale



ADJUSTABLE closed striking plate for **HOOK DEVIATORS**
MULTIBLINDO EMOTION.

Material: stainless steel.

U-front plate **24X6X180**.

10 **033171**



Push SIRENA

Escape routes represent a guarantee for people's safety in case of fire or emergency.

Yet, they are always critical points for the security of the buildings and the goods they contain.

As a matter of fact, if not adequately monitored, they become the ideal way for intruders to walk in and out.

Push Sirena is the answer to these problems: No need of complex and expensive alarm systems on your door.

Key points

Push Sirena is installed as a traditional panic exit device but has an acoustic alarm: when it is activated, it immediately detects any unauthorized opening of the escape route door. Therefore, it represents the ideal solution for shops, small warehouses and all places where escape routes need constant monitoring.

Push Sirena is available both as complete panic exit device and as independent device for retrofitting on ISEO panic exit devices of the PUSH series. In both cases installation is extremely easy and quick and does not require any special tool or knowledge. No wiring in the door is needed since the device is battery-operated.



Main functions:

- Courtesy function allowing exit without alarm.
- Alarm reset by key only.
- Acoustic and LED signals showing the device and battery status.
- Powered by batteries.
- 3-level battery charge indicator allowing scheduled replacement.
- Device status:
 - OFF:** the bar can be pressed without triggering the alarm.
 - ON:** the alarm, both acoustic and visual, comes into operation when the bar is pressed. Break or courtesy function: a temporary status (5 sec.) within the ON status allowing exit without triggering the alarm.
 - Ongoing alarm:** when the alarm is ON and the bar is pressed, the device emits a strong acoustic signal and a red LED flashes.



Technical features:

Powered by 2 AA alkaline batteries 1.5V.

Batteries lifetime over 2 years without alarm.

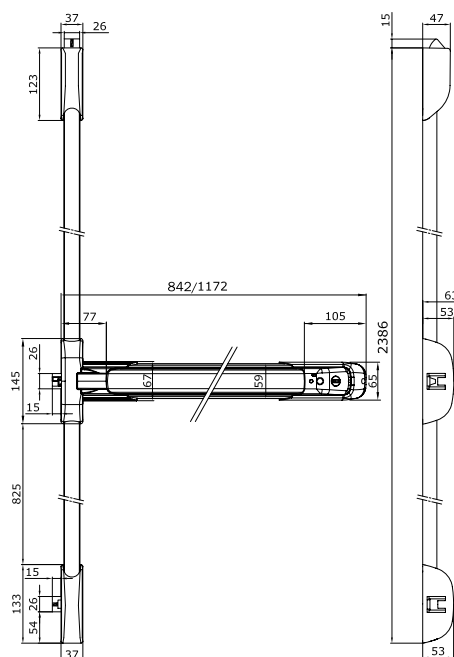
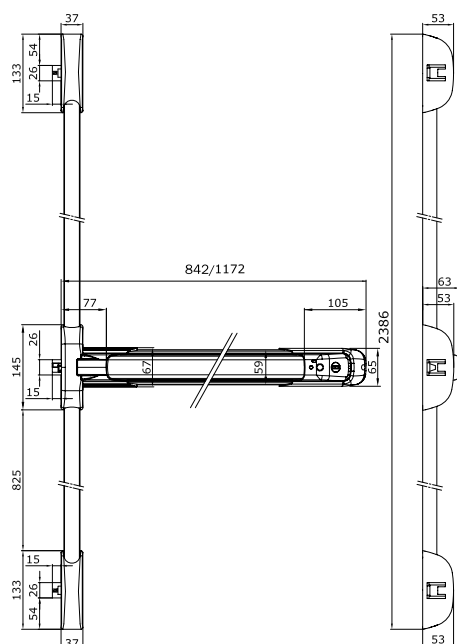
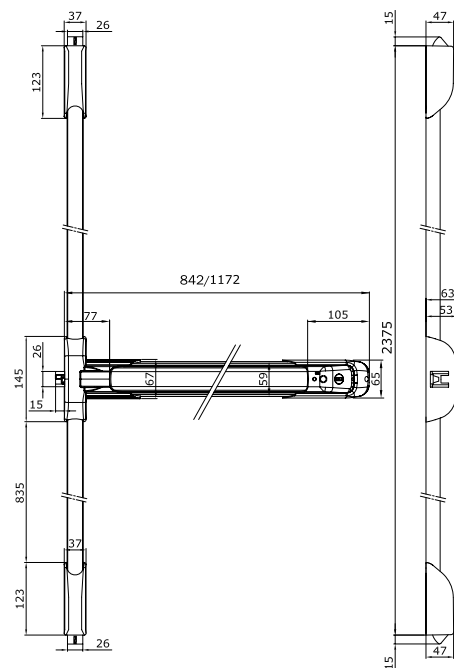
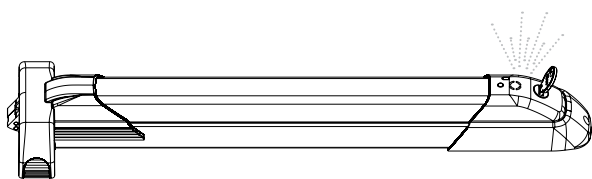
3-level battery charge indicator

Acoustic signal over 90db.

Functions selector compatible with half European profile cylinders (size 30+10) with 8-position DIN cam.



Push SIRENA



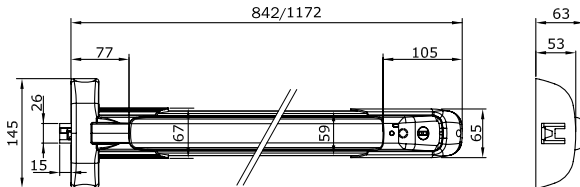


Package

Code



Push SIRENA



“Push SIRENA” panic exit device, **MODULAR REVERSIBLE**, prearranged for rods.

Shortenable to mm 330. Self-locking latch, suitable for **FIRE RESISTANT** doors.

Top/bottom hole caps. Lateral keep with spacers mm 1-2-3.

2 AA alkaline batteries 1,5 V.

Single profile cylinder. Assembly instructions

To be ordered separately:

Rods and covers 94100205 for doors mm 2400.

Rods and covers 94100305 for doors mm 3400.

Pair of steel latches 941020**04. External control 9401*+9402*

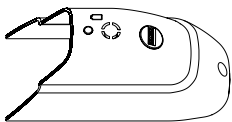
External cylinder 859000857/9

Kit of gaskets for fire resistant doors 94000030

Fixing plate for bar, fire resistant doors 94100040

Fixing plate for latches, fire resistant doors 94100050

Length mm 840 chassis and bar painted grey	1	942408433T...1	YES
Length mm 1170 chassis and bar painted grey	1	942411733T...1	YES
Length mm 1170 chassis painted black and bar painted red	1	942411758T...1	YES



ACOUSTIC ALARM DEVICE KIT FOR ISEO PANIC EXIT DEVICE PUSH SERIES.

It is compatible with ISEO Push range and can be easily mounted in retrofit on panic exit devices already installed. The battery operation without external power allows for a quick, easy and cost-effective installation. A selector connected to a key-operated European single profile cylinder (included) is used to program the functions and set the device status (alarm off, alarm on, courtesy).

Painted grey	1	94200093	YES
Painted white	1	94200094	YES
Painted black	1	94200095	YES

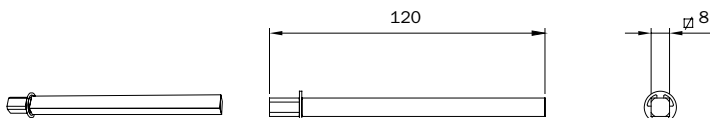


Package

Code



Accessories

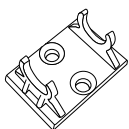


Extended handle follower for doors thickness max 105 mm.

10

947880

NO

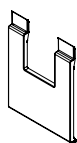


Accessory for rod guides.

10

94100195

NO



Plug in nylon for panic exit devices latchbolt, **"IDEA Base"** and **"Push"** type.

GREY

10

94100703

NO

WHITE

10

94100704

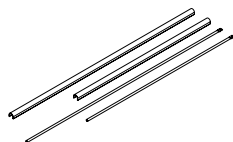
NO

BLACK

10

94100705

NO



Rods and covers. One keep for two wings, without spacers.
Cap for bar lateral latch.

For doors with maximum height mm 2400 painted grey

5

94100203

SI

For doors with maximum height mm 2400 painted white

5

94100204

SI

For doors with maximum height mm 2400 painted black

5

94100205

SI

For doors with maximum height mm 3400 painted grey

5

94100303

SI

For doors with maximum height mm 3400 painted white

5

94100304

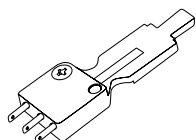
SI

For doors with maximum height mm 3400 painted black

5

94100305

SI



Microswitch to be installed in the bracket of the **"Push"** 9424,
chassis detecting door opening.

Can be used with security system. Instruction sheet.

1

94200060

NO

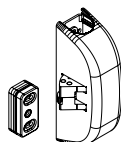


Package

Code

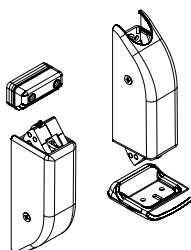


Accessories



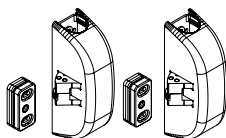
Painted latch for panic exit devices **“IDEA Base”** and **“Push”**.
Self-locking steel latch suitable for fire resistant doors.
Fixing screws.

Painted grey	1	9410003304	YES
Painted white	1	9410003404	YES
Painted black	1	9410003504	YES



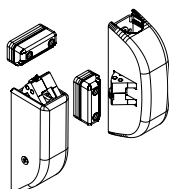
Pair of painted latches for panic exit devices **“IDEA Base”** and **“Push”**.
Top and bottom vertical locking. Self-locking steel latch
suitable for fire resistant doors. Keeps 94100110+94100120.
Fixing screws.

Painted grey	1	9410201304	YES
Painted white	1	9410201404	YES
Painted black	1	9410201504	YES



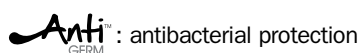
Pair of painted latches for panic exit devices **“IDEA Base”** and **“Push”**.
Top and bottom lateral locking. Self-locking steel latch suitable
for fire resistant doors. Two keeps 94100100.
Fixing screws.

Painted grey	1	9410203304	YES
Painted white	1	9410203404	YES
Painted black	1	9410203504	YES



Pair of painted latches for panic exit devices **“IDEA Base”** and **“Push”**.
Top vertical and bottom lateral locking.
Two keeps 94100110.
Fixing screws.

Painted grey	1	9410204304	YES
Painted white	1	9410204404	YES
Painted black	1	9410204504	YES







Trim-Tronic

The Trim-Tronic unit interfaces with multipoint locking panic bars, providing a long awaited solution to the problem where a door is opened by a panic bar from the inside but cannot be accessed from the outside.

The Trim-Tronic allows you to use access control on panic exit, overriding the bar from the outside whilst still allowing safe emergency exit from the building.

Key points

Designed to interact with all ISEO panic exit devices with 1, 2 and 3 top and bottom locking points.

Conceived to comply with the requirements of EN 1125:08 standard.

Works on single and double doors.

Can replace any mechanical ISEO outside access unit.

Provided with anti-vandalism handle.

Can be easily installed on any type of frame (aluminium, pvc, wood, etc.).

12 Vdc power supply.

Main functions

- It can be combined with mechanical mortice panic exit devices.
- Mechanical free access mode: it allows free access from outside for a programmed time.
- It is reversible: can be installed both on right and left handed doors.
- The handle can be enabled and disabled through the cylinder. The 2 signaling Leds indicate the handle enabling status.
- Handle enabled and disabled by two remote electric pulses connected with cable (ref. 94403030E) and connector which also transfers the power supply and signals handle status.
- Remote electric pulse are:
Pushbutton 1: handle enabled for 5 seconds or for the time the pushbutton is pressed
Pushbutton 2: key disabled.

Technical features:

Zamak case.

Idle handle if disabled.

Power supply 12 Vdc (2A peak).

Handle and key status signaling output (enabled/disabled)

Enabling/disabling pushbutton input.

Mechanical key locking pushbutton input.

European single profile cylinder, mm 40 (30-10).

Handle follower 8 mm.

Operating temperature: from -20°C to 60°C.

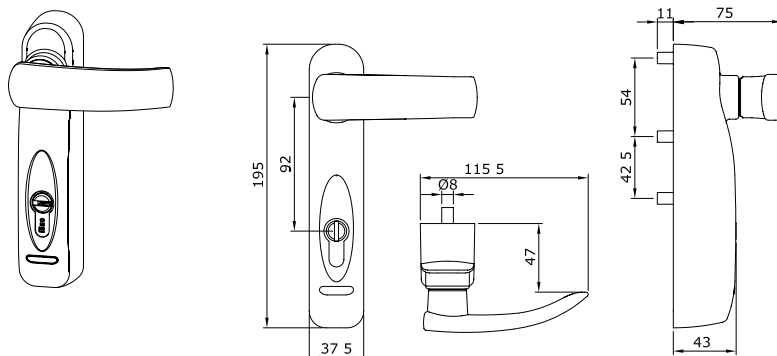


Package

Code



Trim-Tronic



EXTERNAL ELECTROMECHANICAL CONTROL FOR PANIC EXIT DEVICES.

It can be used in combination with mechanical rim panic exit devices.

It can be installed both on RIGHT and LEFT handed doors.

Zamak case. Power supply 12 Vdc.

Supplied with:

R6 European monoprofile cylinder 40 mm with 3 keys, ref. 880930109.

Handle follower. Fixing screws. Template and assembly instructions.

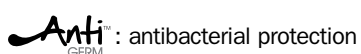
Connecting cable 5 m.

Accessories to be ordered separately:

Power supply unit 12 Vdc-2A

Wing cable guide

Painted GREY	1	94091103E	YES
Painted WHITE	1	94091104E	YES
Painted BLACK	1	94091105E	YES







**Fire door
controls
and fire
prevention**



**Fire door
controls
and fire
prevention**

Electric locks

IDEA Base infilare

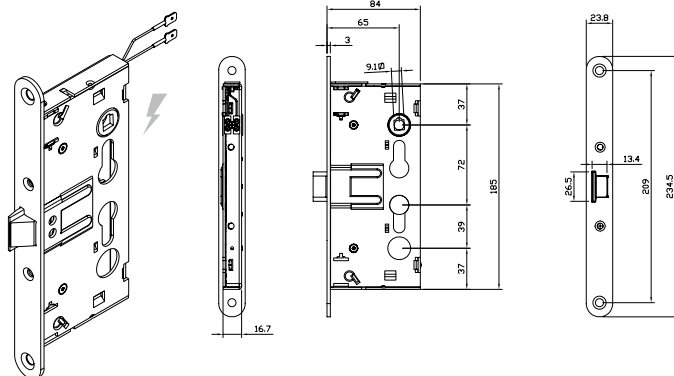
Palmo



Package

Code

Electric locks for fire resistant doors



LOCK FOR FIRE RESISTANT DOORS 12Vac/dc.

(EXTERNAL HANDLE). 1 lateral point, latchbolt only.

Panic exit follower enabled during electric pulse only.

Internal - external: the cylinder enables and disables the panic exit follower.

Front plate rounded, mm 24x3, zinc-plated.

Panic exit follower mm 9. Distance mm 72. Backset mm 65.

Single packaging

Right-handed

1

216930654.5D

Left-handed

1

216930654.5S

Certifications

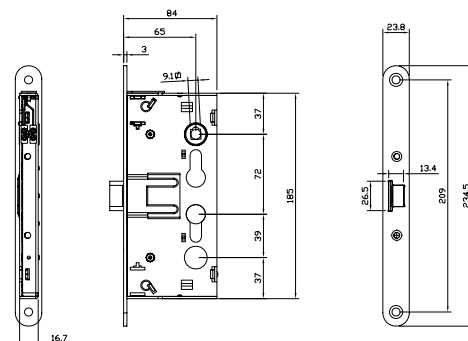
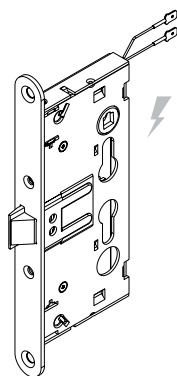




Package

Code

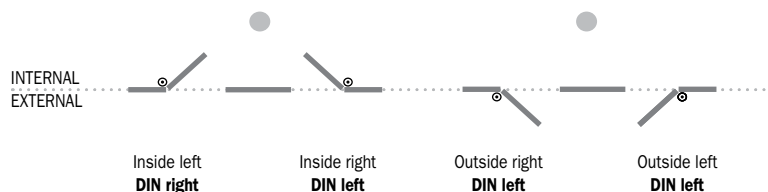
Panic exit electric mortice locks



ELECTRIC LOCK FOR FIRE RESISTANT PANIC EXIT DOORS 12Vac/dc.
(EXTERNAL HANDLE). 1 lateral point, latchbolt only. Opening with external handle enabled during electric pulse only. **Internal: latchbolt operated by the panic exit device. External: latchbolt operated by the handle only if enabled by the key or during electric pulse.** Front plate rounded, mm 24x3, zinc-plated. Panic exit two-piece follower mm 9. Distance mm 72. Backset mm 65. Single packaging

Right-handed	1	214910654..D
Left-handed	1	214910654..S

Doors opening direction.



Certifications



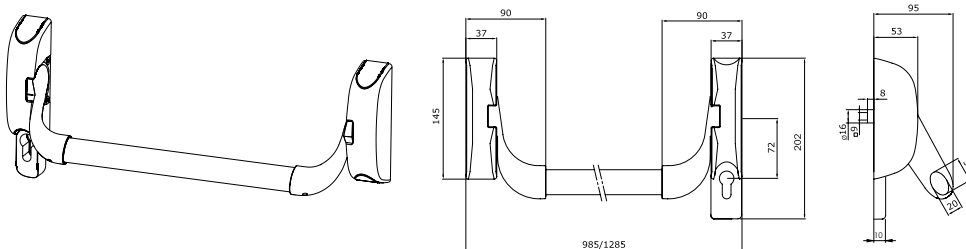


Package

Code



IDEA Base Infilare for main and secondary leaf



IDEA BASE INFILARE panic exit device for FIRE RESISTANT doors,
FOR MAIN AND SECONDARY LEAF,
REVERSIBLE, can be used with panic exit mortice locks and counterlocks
with 9 mm handle follower.
Center distance mm 72, with handle follower rotation **30°**.
Templates. Assembly instructions. SQUARE SPINDLE NOT INCLUDED.
CE EN1125 mark and ICIM product certification.
Accessories to be ordered separately:
Lock 21411*65* - Counterlock 2126**65* - Counterlock 2127**65*
Oval bar 9459* - Striking plate 032094
Microswitch 94100160.
Square spindle 947910 - 947920 - 947930 - Accessories 0321*4

PVD finish	1	94C000020379	NO
Painted BLACK	1	94C000050379	YES

Anti
GERM : antibacterial protection

Certifications



The ICIM certification as per EN 1125 is only valid if the operating bar in this page is used in conjunction with ISEO locks, striking plates, counterlocks and accessories as indicated in the next page. Whoever uses a certified panic exit device in conjunction with locks, counterlocks, accessories and/or striking plates different from the ones specified by ISEO shall be responsible for compliance with EN 1125.

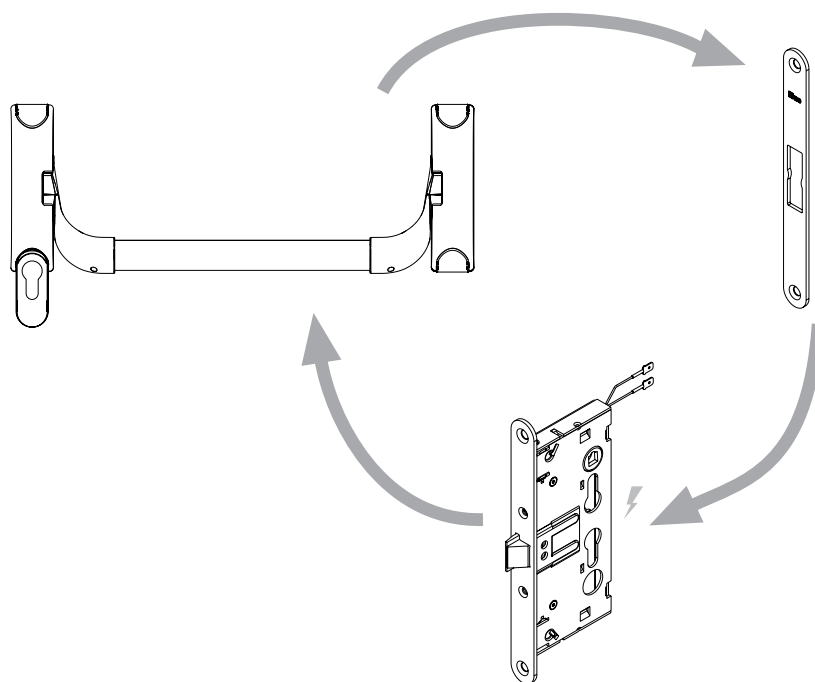
All the updated certificates can be downloaded from our web site: www.iseoserrature.it



IDEA Base Infilare for main and secondary leaf

The panic exit device for fire resistant doors with MORTICE LOCK FOR MAIN ANF SECONDARY LEAF is made up of a horizontal bar which operates the locking mechanism through the handle follower. The operation of the bar causes the rotation of the handle follower, unlocks the lock and opens the door. Reversible mechanism for usage on right or left handed doors. All versions can be used with a microswitch that detect door openings.

Operating mechanism	Bar	Lock	Striking plate
94C000020379	9459*	21491065..D	032094
94C000020379	9459*	21491065..S	032094
94C000050379	9459*	21491065..D	032094
94C000050379	9459*	21491065..S	032094



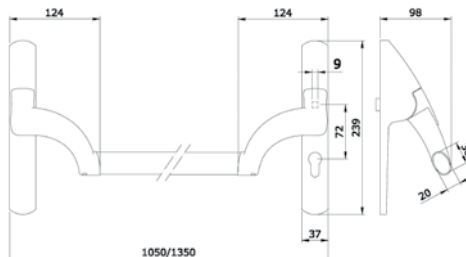
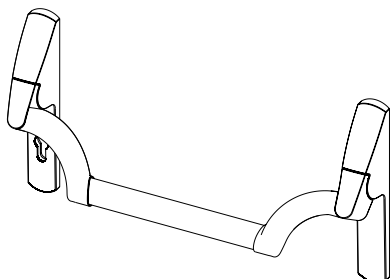


Package

Code



Palmo for main and secondary leaf



PALMO panic exit device for FIRE RESISTANT doors, FOR MAIN AND SECONDARY LEAF, **REVERSIBLE**, can be used with panic exit mortice locks and counterlocks with 9 mm handle follower.

Center distance mm 72, with handle follower rotation **30°**. BLACK painted.

Templates. Assembly instructions. SQUARE SPINDLE NOT INCLUDED.

CE EN1125 marking and ICIM product certification.

Accessories to be ordered separately:

Lock 2141**65* - Counterlock 2126**65* - Counterlock 2127**65*

Oval bar 9459* - Striking plate 032094

Kit of thermoexpanding gaskets 94000020.

Microswitch 94100160.

Square spindle 947910 - 947920 - 947930 - Accessories 0321*4

PVD finish	1	949000020379	NO
Painted BLACK	1	949000050379	YES



: antibacterial protection

Certifications



The ICIM certification as per EN 1125 is only valid if the operating bar in this page is used in conjunction with ISEO locks, striking plates, counterlocks and accessories as indicated in the next page. Whoever uses a certified panic exit device in conjunction with locks, counterlocks, accessories and/or striking plates different from the ones specified by ISEO shall be responsible for compliance with EN 1125.

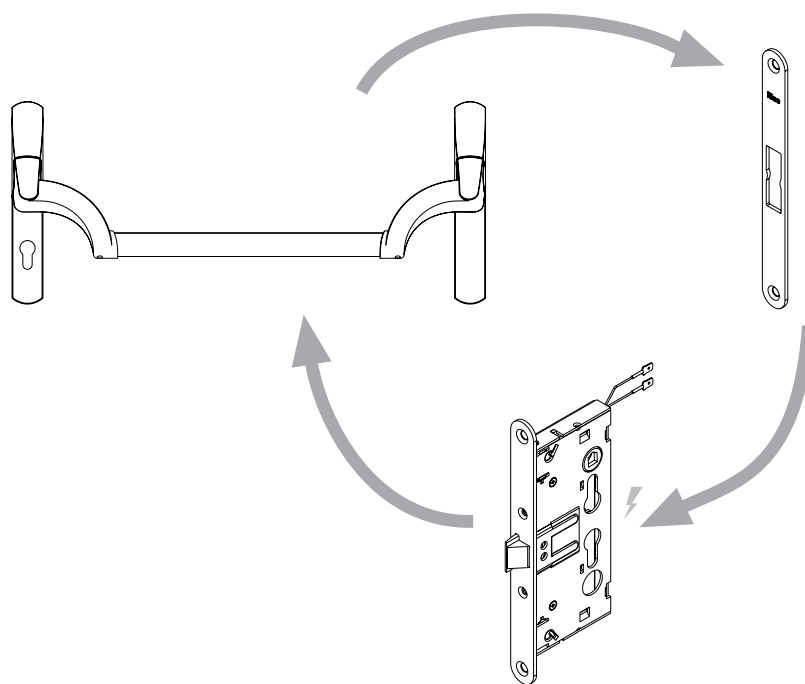
All the updated certificates can be downloaded from our web site: www.iseoserrature.it



Palmo for main and secondary leaf

The panic exit device for fire resistant doors with MORTICE LOCK FOR MAIN ANF SECONDARY LEAF is made up of a horizontal bar which operates the locking mechanism through the handle follower. The operation of the bar causes the rotation of the handle follower, unlocks the lock and opens the door. Reversible mechanism for usage on right or left handed doors. All versions can be used with a microswitch that detect door openings.

Operating mechanism	Bar	Lock	Striking plate
940000020379	9459*	21491065..D	032094
940000020379	9459*	21491065..S	032094
940000050379	9459*	21491065..D	032094
940000050379	9459*	21491065..S	032094





Package

Code



Accessories

Horizontal oval bar for panic exit devices IDEA - Palmo series 94C - 9490.

Length mm **1130**

INOX	1	945922	NO
PAINTED GREY	1	945923	YES
PAINTED WHITE	1	945924	YES
PAINTED BLACK	1	945925	YES
PAINTED RED	1	945928	YES
PAINTED GREEN	1	945929	YES

Length mm **1330**

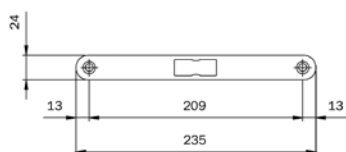
INOX	1	945932	NO
PAINTED RED	1	945938	YES



Microswitch, to be fitted in the IDEA - Palmo serieS 94C - 9490.

Can be used in conjunction with security systems.

Fixing screws. Instructions sheet.	1	94100160	NO
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Flat, heavy striking plate, with rounded edge, for panic exit mortice locks.

ZINC-PLATED steel mm 235x24x3. For series: 216*214*	10	032094	NO
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Anti
GERM : antibacterial protection



**Electric
locks**



**Electric
locks**

2001

380

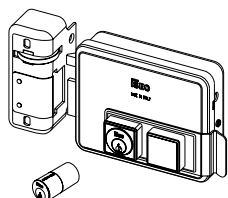
381

Electa

Match

Package

Code



2001 electric rim locks for gates

RIGHT-HAND electric rim lock in STAINLESS STEEL. **12Vac 15W** Internal cylinder and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 KEYS. Adjustable keep. Escutcheon. Instruction sheet.
(Key blank ref. N. 020259).

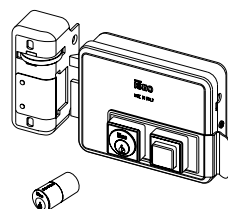
Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012

Backset mm 60	1	520010602
Backset mm 70	1	520010702
Backset mm 80	1	520010802

LEFT-HAND electric rim lock in STAINLESS STEEL. **12Vac 15W** Internal cylinder and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 KEYS. Adjustable keep. Escutcheon. Instruction sheet.
(Key blank ref. N. 020259).

Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012

Backset mm 60	1	520020602
Backset mm 70	1	520020702
Backset mm 80	1	520020802



RIGHT-HAND electric rim lock in STAINLESS STEEL. **12Vac 15W** Internal pushbutton, internal cylinder for **PUSHBUTTON LOCKING** or for **HOLD-OPEN** function, external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 keys. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012

Backset mm 60	1	520310602
Backset mm 70	1	520310702
Backset mm 80	1	520310802

LEFT-HAND electric rim lock in STAINLESS STEEL. **12Vac 15W** Internal pushbutton, internal cylinder for **PUSHBUTTON LOCKING** or for **HOLD-OPEN** function, external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 KEYS. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

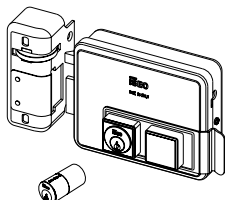
Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012

Backset mm 60	1	520320602
Backset mm 70	1	520320702
Backset mm 80	1	520320802

Package

Code

2001 electric rim locks for gates



RIGHT-HAND electric rim lock, painted. **12Vac 15W** Internal cylinder and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 KEYS. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

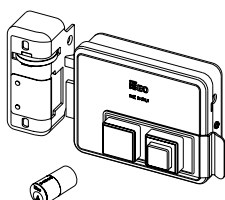
Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012.

Backset mm 50	1	520010505
Backset mm 60	1	520010605
Backset mm 70	1	520010705
Backset mm 80	1	520010805

LEFT-HAND electric rim lock, painted. **12Vac 15W** Internal cylinder and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 keys. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

Accessories to be ordered separately: Lock plate and keep plate - ref. N. 052012.

Backset mm 50	1	520020505
Backset mm 60	1	520020605
Backset mm 70	1	520020705
Backset mm 80	1	520020805



RIGHT-HAND electric rim lock, painted. **12Vac 15W** Internal pushbutton and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. Backset mm 50. 3 keys. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

Accessories to be ordered separately: Lock plate and keep plate - ref. N. 050012

Backset mm 50	1	520110505
Backset mm 60	1	520110605
Backset mm 70	1	520110705
Backset mm 80	1	520110805

LEFT-HAND electric rim lock, painted. **12Vac 15W** Internal pushbutton and external fixed cylinder Ø 26x50. Self-locking latchbolt. Separate loading spring with adjustable force. 3 KEYS. Adjustable keep. Escutcheon. Instruction sheet. (Key blank ref. N. 020259).

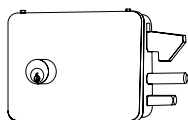
Accessories to be ordered separately: Lock plate and keep plate - ref. N. 050012

Backset mm 50	1	520120505
Backset mm 60	1	520120605
Backset mm 70	1	520120705
Backset mm 80	1	520120805

Package

Code

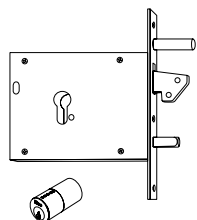
380 EGI



Rim locks, hook in nickel-plated steel.
FUNCTIONS WITH 8-12V OPERATION.
Internal cylinder, fixed external cylinder.
3 KEYS (code 740101).

Backset mm 90. Hand R.
Backset mm 90. Hand L.

1	3809001
1	3809002



381 EGR

Mortice lock, hook in nickel-plated steel.

FUNCTIONS 8-12V OPERATION.

Forend in steel zinc-plated.

Supplied with cylinder F20930307N F3.

Backset mm 90.

Package

Code

1

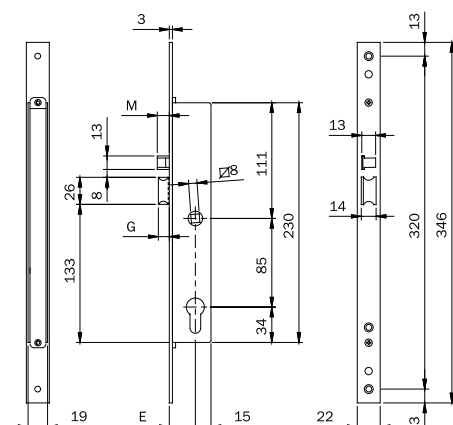
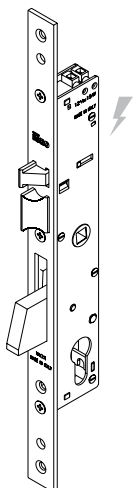
3819000



Package

Code

Electa electric lock stainless steel front plate mm 22



Electric mortice lock for metal frames, lateral locking, **12Vac/dc**, operating with European profile cylinder. Front plate mm 346x22x3 in stainless steel. **SELF-LOCKING LATCHBOLT ONLY.**

Latchlocking by electric pulse, key or handle follower mm 8. Separate loading spring.

2 escutcheons. Pair of front plate spacers.

Fixing screws. Instruction sheet.

Accessories to be ordered separately: striking plates

Backset mm 25	10	781702252
Backset mm 30	10	781702302
Backset mm 35	10	781702352

Electric mortice lock for metal frames, lateral locking, **12Vac/dc**, operating with European profile cylinder. Front plate mm **346x22x3** in stainless steel. **SELF-LOCKING** and mm 5 extended latchbolt only.

Latchlocking by electric pulse, key or handle follower mm 8.

Separate mm 5 extended loading spring.

2 escutcheons. Pair of front plate spacers.

Fixing screws. Instruction sheet.

Accessories to be ordered separately: striking plates

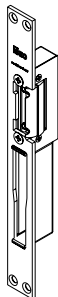
Backset mm 25	10	7817022525
Backset mm 30	10	7817023025
Backset mm 35	10	7817023525



Package

Code

Match Radiale



ELECTRIC STRIKER with closed **REVERSIBLE** striking plate,
satin stainless steel, flat front plate mm 250x25x3,
for locks 78*-96*7-96*9-98.

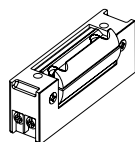
Can be used with electric strikers series 0400*0 and 0401*0.

VERSION WITH AUTOMATIC UNLATCHING AFTER ELECTRIC PULSE,
with hold-open lever.

Power supply: **6-12Vac/dc*** Absorption: da 0,5 a 1,5 A. with nylon case

1

5661900



ELECTRIC STRIKER without front plate,
UNLATCHED AFTER ELECTRIC PULSE ONLY,
WITH hold-open lever.

Power supply: **6-12Vac*** Absorption: 0,5 a 1,5 A. REVERSIBLE.

1

040010

Power supply: **24Vac*** Absorption: 0,5 A. REVERSIBLE.

1

040050

ELECTRIC STRIKER without front plate,
UNLATCHED AFTER ELECTRIC PULSE ONLY,
WITHOUT hold-open lever.

Power supply: **6-12Vac*** Absorption: da 0,5 a 1,5 A. REVERSIBLE

1

040020

Power supply: **24Vac*** Absorption: 0,5 A. REVERSIBLE.

1

040060

ELECTRIC STRIKER without front plate,
PERMANENT UNLATCHING AFTER
ELECTRIC PULSE, WITH hold-open lever.

Power supply: **6-12Vac*** Absorption: da 0,5 a 1,5 A. REVERSIBLE.

1

040030

Power supply: **24Vac*** Absorption: 0,5 A. REVERSIBLE.

1

040070

ELECTRIC STRIKER without front plate,
PERMANENT UNLATCHING AFTER
ELECTRIC PULSE, WITHOUT hold-open lever.

Power supply: **6-12Vac*** Absorption: da 0,5 a 1,5 A. REVERSIBLE.

1

040040

Power supply: **24Vac*** Absorption: 0,5 A. REVERSIBLE.

1

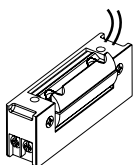
040080

* **dc:** only 12V max. power supply time 10 seconds

Package

Code

Match Radiale



ELECTRIC STRIKER without front plate,

FAIL-SAFE VERSION.

Without hold-open lever.

Power supply: **12Vdc** Absorbtion: 0,3A. REVERSIBLE.

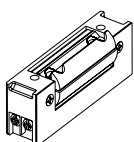
Power supply: **24Vdc** Absorbtion: 0,2A. REVERSIBLE.

1

040100

1

040110



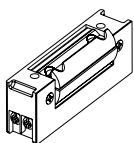
MECHANICAL STRIKER without front plate,

version **WITHOUT COIL**

with hold-open lever. REVERSIBLE.

1

040090



ADJUSTABLE RIGHT-HAND ELECTRIC STRIKER for MULTIBLINDO

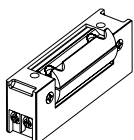
central striking plates series 033160-033162-033173-033175.

LIMITED UNLATCHING DURING ELECTRIC PULSE ONLY.

Hold-open lever. Power supply: **12Vac 15W**

1

040900



ADJUSTABLE LEFT-HAND ELECTRIC STRIKER for MULTIBLINDO

central striking plates series 033161-033163-033174-033176.

LIMITED UNLATCHING DURING ELECTRIC PULSE ONLY.

Hold-open lever. Power supply: **12Vac 15W**

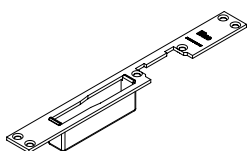
1

040910

Package

Code

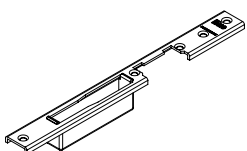
Match Radiale



Closed **REVERSIBLE** STRIKING PLATE, satin stainless steel,
flat front plate mm **250x25x3**, for locks 78*-96*7-96*9-98.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon case.

1

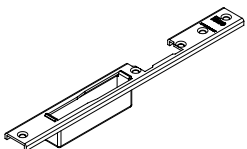
033190



Closed **RIGHT-HAND** STRIKING PLATE, satin stainless steel,
U-shaped front plate mm **250x24x6**, for locks 78*-96*7-96*9-98.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon caps and case.

1

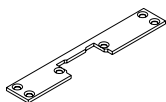
033194



Closed **LEFT-HAND** STRIKING PLATE, satin stainless steel,
U-shaped front plate mm **250x24x6**, for locks 78*-96*7-96*9-98.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon caps and case.

1

033195



REVERSIBLE STRIKING PLATE in satin stainless steel,
flat front plate mm **160x25x3**, for locks with latchbolt only.
Can be used with electric strikers series 0400*0 and 0401*0.

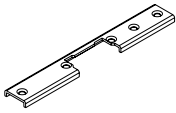
1

033196

Package

Code

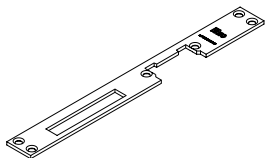
Match Radiale



REVERSIBLE STRIKING PLATE in satin stainless steel,
U-shaped front plate mm **172x24x6**, for locks with latchbolt only.
Can be used with electric strikers series 0400*0 and 0401*0.
With cap.

1

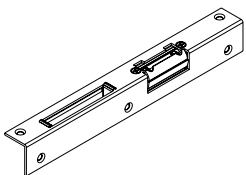
033197



REVERSIBLE closed STRIKING PLATE in satin stainless steel,
flat front plate mm **250x25x3**, for mortice locks for wooden
frames series 200-205-210-215-221-240-250-741-291.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon case.

1

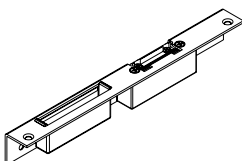
033193



RIGHT-HAND closed angle STRIKING PLATE,
GOLD painted steel mm **250x30,5x25**,
for mortice locks for wooden frames
series 200-205-210-215-221-240-250-741-291.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon case.

1

033191



LEFT-HAND closed angle STRIKING PLATE,
GOLD painted steel mm **250x30,5x25**,
for mortice locks for wooden frames
series 200-205-210-215-221-240-250-741-291.
Can be used with electric strikers series 0400*0 and 0401*0.
With nylon case.

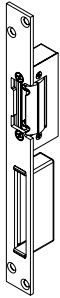
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033192

Package

Code

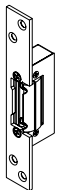
Match Radiale



ELECTRIC STRIKER with flat front plate, stainless steel mm **250x24x3**,
RIGHT- or **LEFT-HAND** use, for mortice locks with translating latchbolt
and deadbolt for aluminium frames,
permanent unlatching after electric pulse, with hold-open lever
pin for automatic function. Power supply: **12Vac 15W.**

1

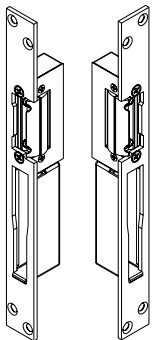
5621830



ELECTRIC STRIKER with flat front plate, stainless steel mm **160x24x3**,
RIGHT- or **LEFT-HAND** use, for mortice locks for aluminium frames,
PERMANENT UNLATCHING AFTER ELECTRIC PULSE
with hold-open lever, pin for automatic function. Power supply: **12Vac 15W.**

1

5611830



5651830

5661830

ELECTRIC STRIKER with flat front plate, stainless steel mm **240x24x3**,
for mortice locks with tilting deadbolt and latchbolt for aluminium frames.
Can be used on: frames with internal **RIGHT-HAND** lock, rail frames with **LEFT-HAND**
internal lock, **PERMANENT UNLATCHING AFTER ELECTRIC PULSE**,
with hold-open lever, pin for automatic function.
Power supply: **12Vac 15W.**

1

5651830

ELECTRIC STRIKER with flat front plate, stainless steel mm **240x24x3**,
for mortice locks with tilting deadbolt and latchbolt for aluminium frames.
Can be used on: frames with internal **LEFT-HAND** lock, rail frames with **RIGHT-HAND**
internal lock, **PERMANENT UNLATCHING AFTER ELECTRIC PULSE**,
with hold-open lever, pin for automatic function.
Power supply: **12Vac 15W.**

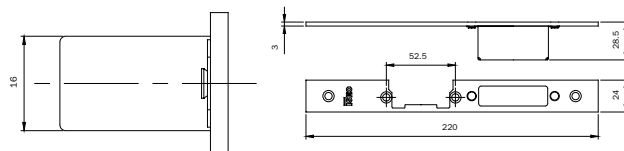
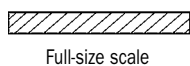
1

5661830

Package

Code

Match



RIGHT-HAND closed STRIKING PLATE for MULTIBLINDO **CENTRAL LOCK**.

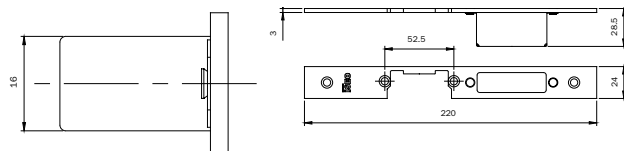
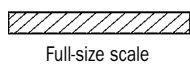
Flat front plate mm **220x24x3** in STAINLESS STEEL.

Can be used with striker series: 040890,

040900, 040910, 0400*0 e 0401*0. With case.

1

033160



LEFT-HAND closed striking plate for MULTIBLINDO **CENTRAL LOCK**.

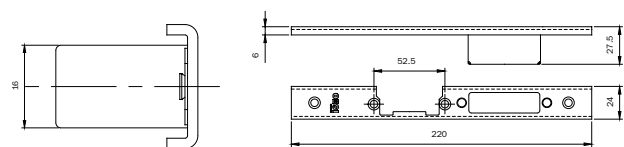
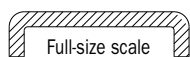
Flat front plate mm **220x24x3** in STAINLESS STEEL.

Can be used with striker series: 040890,

040900, 040910, 0400*0 e 0401*0. With case.

1

033161



RIGHT-HAND closed striking plate for MULTIBLINDO **CENTRAL LOCK**.

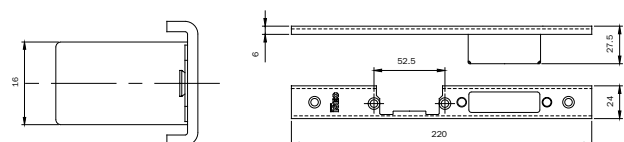
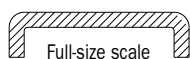
U-shaped front plate mm **220x24x6** in STAINLESS STEEL.

Can be used with striker series: 040890,

040900, 040910, 0400*0 e 0401*0. With caps and case.

1

033162



LEFT-HAND closed striking plate for MULTIBLINDO **CENTRAL LOCK**.

U-shaped front plate mm **220x24x6** in STAINLESS STEEL.

Can be used with striker series: 040890,

040900, 040910, 0400*0 e 0401*0. With caps and case.

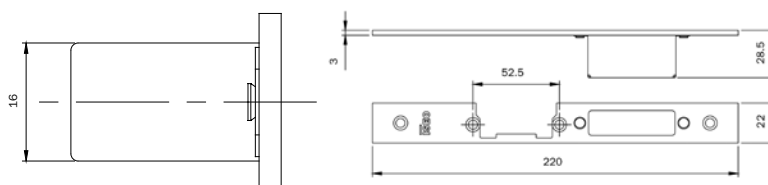
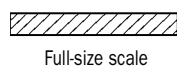
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033163

Package

Code

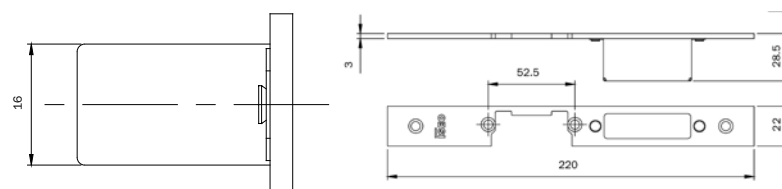
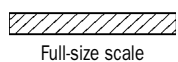
Match



RIGHT-HAND striking plate for MULTIBLINDO **CENTRAL LOCK**. Flat front plate mm **220x22x3** in stainless steel. Can be used with strikers series: 040890, 040900, 040910, 0400*0 e 0401*0. With case.

1

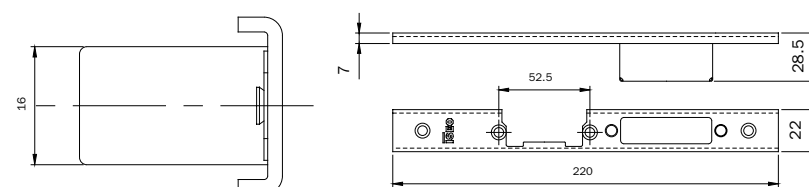
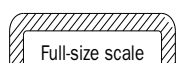
033173



LEFT-HAND striking plate for MULTIBLINDO **CENTRAL LOCK**. Flat front plate mm **220x22x3** in stainless steel. Can be used with strikers series: 040890, 040900, 040910, 0400*0 e 0401*0. With case.

1

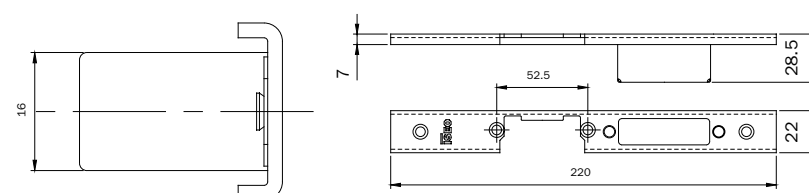
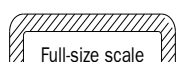
033174



RIGHT-HAND striking plate for MULTIBLINDO **CENTRAL LOCK**. U-shaped front plate mm **220x22x3** in stainless steel. Can be used with strikers series: 040890, 040900, 040910, 0400*0 e 0401*0. With caps and case.

1

033175



LEFT-HAND striking plate for MULTIBLINDO **CENTRAL LOCK**. U-shaped front plate mm **220x22x3** in stainless steel. Can be used with strikers series: 040890, 040900, 040910, 0400*0 e 0401*0. With caps and case.

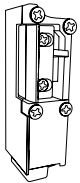
1

033176

Package

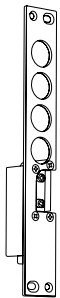
Code

E600



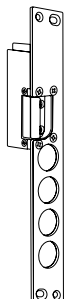
Electric strike with release lever for temporary disengagement (hold-open).
Automatic anti-closure device (anti-repeater).
Power supply 6-12Vac/dc* 15 W.
Front plates for mortise installation available.

Hand R.	1	20000E60012V1
Hand L.	1	20000E60012V2



Electric strike with release lever for temporary disengagement (hold-open).
Automatic anti-closure device (anti-repeater).
Power supply 6-12Vac/dc* 15 W.
Chrome plate forend H= 248 mm L= 35 mm D= 3 mm

Centre distance 28 . Hand R.	1	20028E60012V1
Centre distance 28 . Hand L.	1	20028E60012V2
Centre distance 37 . Hand R.	1	20037E60012V1
Centre distance 37 . Hand L.	1	20037E60012V2

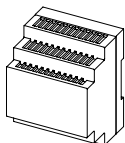


Electric strike with release lever for temporary disengagement (hold-open).
Automatic anti-closure device (anti-repeater).
Power supply 6-12Vac/dc* 15 W.
Chrome plate forend H= 248 mm L= 35 mm D= 3 mm

Centre distance 28 . Hand R.	1	20028E60012V2
Centre distance 28 . Hand L.	1	20028E60012V1
Centre distance 38 . Hand R.	1	20037E60012V2
Centre distance 38 . Hand L.	1	20037E60012V1

* **dc**: only 12V max. power supply time 10 seconds

Package
Code



POWER SUPPLY UNIT **12Vdc - 50W**
Input 120-230Vac. Output 12Vdc 4A.
DIN35 rail mounting.
Package: 1 power supply unit, instruction manual.

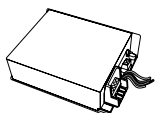
1 **5E3503**

POWER SUPPLY UNIT **24Vdc - 30W**
Input 120-230Vac. Output 24Vdc 1.2A.
DIN35 rail mounting.
Package: 1 power supply unit, instruction manual.

1 **5E3501**

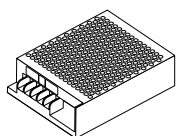
POWER SUPPLY UNIT **24Vdc - 70W**
Input 120-230Vac. Output 24Vdc 3A.
DIN35 rail mounting.
Package: 1 power supply unit, instruction manual.

1 **5E3502**



POWER SUPPLY UNIT **12VDC - 36W**
Input 120-230Vac. Output 12Vdc 3A.
DIN35 rail mounting.
Compatible with eMotion, Trim-Tronic, Match Radiale.
Package: 1 power supply unit, instruction manual.

1 **94403000E**



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

1 **5870000004012**



CONCEALED LEAD COVER, flexible, external, in stainless steel L=300

Package

1

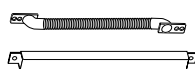
Code

94403010E

CONCEALED LEAD COVER, flexible, external, in stainless steel L=450

1

FXAGFA45D900000



CONCELEAD LEAD COVER, flexible, in stainless steel, flush version L=300

For openings up to 90°.

Compatibile con Thesis, Top Exit DGT, x1R.

1

94403110E

1

881000000



SPRING CONCELEAD LEAD COVER, flexible.

For openings up to 180°.

1

60130000

1 - Field of application

These general terms of sale are intended to regulate the present and future sale contracts between the parties with the exception of any different conditions agreed in writing. Any general term established by the Buyer shall not be applied to the parties' future relationships unless agreed in writing. The Buyer's acceptance of FIAM's offer or order confirmation, however made, shall imply the application of these general terms of sale to the sale contract.

2 - Information data

The product features, prices and other data shown in FIAM's catalogues, price lists or any other documents as well as the features of samples and prototypes sent to the Buyer shall not be binding unless expressly mentioned in FIAM's offer or order confirmation.

FIAM reserves the right to make any necessary changes to their products in any moment. Any technical drawing or document given to the Buyer, which allows the manufacturing or assembly of the products or their parts, is property of FIAM. It cannot be used, copied, transmitted or communicated by the Buyer to a third party unless previously agreed with FIAM.

3 - Orders

Only written orders shall be accepted through an order confirmation.

Any offer made by FIAM's agents or representatives shall not be binding for FIAM until written confirmation of the latter.

For single orders with an amount lower than:

Italy	550,00 euro
EU	1.550,00 euro
Non-EU countries	3.000,00 euro
the following fixed operating expenses shall be invoiced:	
Italy	25,00 euro
EU	78,00 euro

4 - Delivery

The delivery terms are:

Italy	Carriage Paid
EU countries	Carriage Paid
Non-EU countries	F.O.B. (Incoterms 2000)

The delivery terms are approximate in favour of FIAM with a fair tolerance margin. FIAM shall not be liable for any damage deriving from an anticipated, delayed or missing delivery, either full or partial. The risks connected to the supply shall pass on to the Buyer at the latest when the products leave FIAM's factory, unless the sale term or the applicable regulations provide for an earlier time.

5 - Prices – Payments

Prices, which include costs for packaging (packaging units are to be respected), shall be those in force at receipt of purchase order.

Payments, as well as any other amount payable to FIAM, shall be net at their premises. The Buyer shall not be entitled to suspend payments, even in case of disputes arising from supplied products.

Any payment dispute will entitle FIAM to suspend the manufacturing of the orders under execution and to ask the Buyer for suitable guarantees of payment and therefore to change the payment terms in force for future orders. No compensation with any credits towards FIAM shall be accepted.

For each invoice which will not have been paid by the due date, we will calculate accrued interest on arrears, by applying the official interest rate in force, according to D.LGS N. 192/2012 - implementation of Directives 2000/35/CE and 2011/7/UE. The supplied products shall remain FIAM's property until the full payment. To this end the Buyer shall undertake to do everything possible to grant in the Country where products are stocked a valid reservation of proprietary rights, or to put into force a warranty in favour of FIAM.

6 - Warranty

No returned product shall be accepted unless previously agreed with FIAM by filling in the return authorization request form. FIAM guarantees the conformity of the products with the legislation and technical standards in force in Italy.

Therefore, the buyer shall take the risk of eventual differences between Italian standards and the standards of the Country of destination of the products. FIAM guarantees the performance of their products only in relation to their stated use and application.

Any other use is considered as improper.

Should the Buyer resell these products, he shall be fully responsible to give his customers, at his own expenses, all the relevant information. The warranty is not valid in the following cases: products installation and/or use and/or maintenance not complying with FIAM instructions, modifications and/or repair without written authorization by FIAM, normal wear and tear.

FIAM's mechanical products are guaranteed for **10 years** against any engineering, material or manufacturing failures attributable to FIAM, provided they are properly used and installed. The electronic products and door closers are guaranteed for **3 years** from the date on the product label. In the absence of the label, the warranty declines unconditionally. Any replacement of components do not give rise to an extension of the warranty period for the whole product.

Claims shall be made in writing, on pain of forfeiture, within 8 days from the receipt of the goods for failures relating to quantity or for failures which could be

detected by the Buyer when receiving the goods; within 8 days from the discovery of hidden failures or non-conformities. Failures shall be exclusively assessed by FIAM's experts.

No claim against FIAM shall be accepted after the expiry of the warranty period. The Buyer shall lose the warranty right if payments are not regular. This warranty is limited to the replacement of the faulty part EXW FIAM.

No other reimbursement shall be made such as disassembly and assembly charges.

This warranty includes and replaces any other legal warranty for failures and conformity and excludes any other liability of FIAM connected to the supplied goods. Unless in case of fraud or gross negligence grave offence on the part of FIAM, the latter shall not be liable for direct, indirect or consequential damages to the buyer of the supplied products. In particular, the Buyer shall not be entitled to claim a damage refund, a price reduction or contract termination.

7 - User Licence agreement

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In no event will ISEO be responsible for any consequence, indirect, incidental or of any kind, including lost profits, business interruption, lost information, or other losses, arising out of the use or inability to use the software, even if ISEO has been advised on the eventuality of such damages.

Iseo responsibility for any direct damages to you or any third party will be in any event limited to gross negligence or willful misconduct.

8 - Competent Court – Applicable law

Any dispute arising from or connected with the contracts to which these general terms apply will be exclusively dealt with by the Court of Como; FIAM shall however be entitled to take legal action also before the Buyer's Court.

These general terms of sale are regulated by the Italian Law.

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