

**ISEO ELECTROMECHANICAL
LOCKS
MODELS WITHOUT CABLE
GLAND**

Part 1 – Easy version – on models:

- **FLUSH MONOLITE MRM8**
- **GRAND SUPERIOR S18**

x1R Easy

It is the first basic solution with a motorised electronic lock

- Motorised self-closure
- Manual lock programming
- Outward opening via transponder, keypad and cylinder key
- Powered by alkaline or rechargeable batteries or power supply unit

LOCK SECURITY

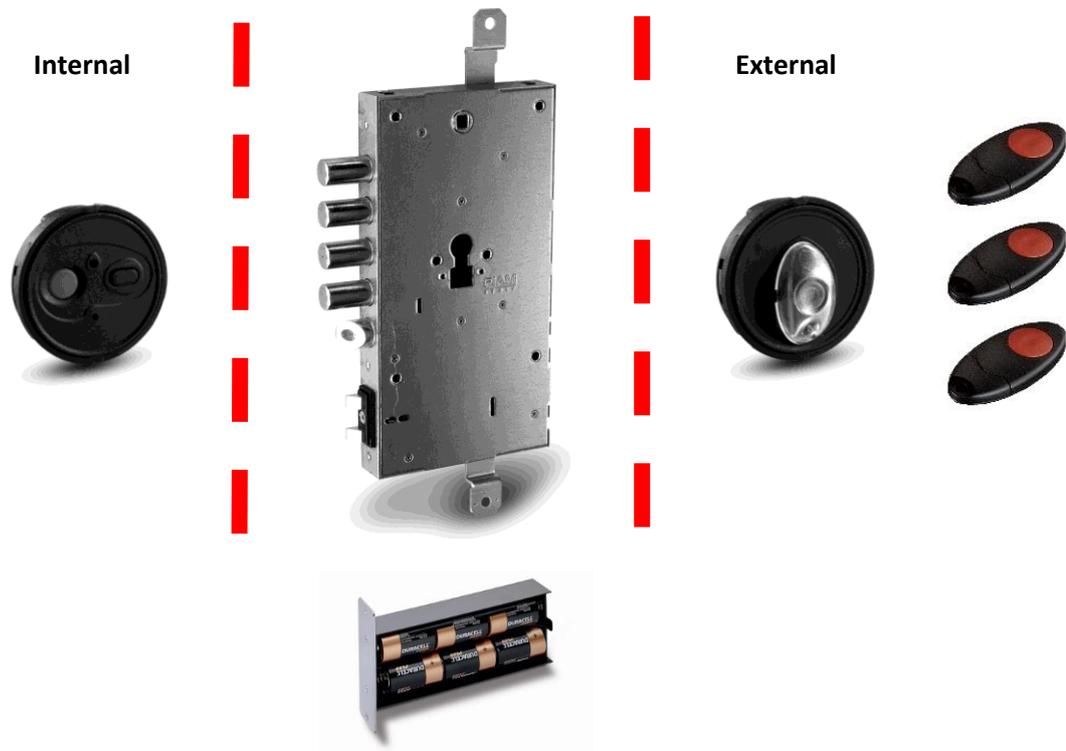
Certified to the maximum levels of standard EN14846 (The standard specifies the requirements and methods for testing resistance, security, durability and functionality of electrical and electronic components for all types of mechanically operated locks and locking plates for use on doors, French doors, and entrance doors to buildings) with the following classification:



Also certified according to standard EN12209 (Building hardware - Mechanically operated locks and locking plates - Requirements and test methods) with classification:

GRADE 7

Standard equipment

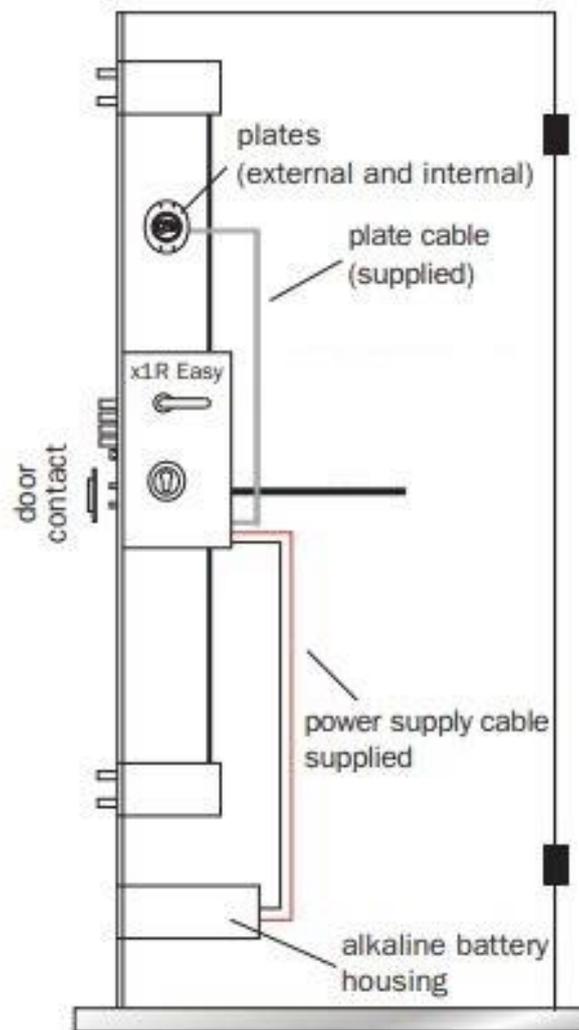


Alkaline batteries

N.B.: duration 30,000 cycles
(approx. two years in domestic use)

<p>MRM8: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external TAG reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	€ 4,060.00
<p>S18: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external TAG reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	€ 2,480.00

Standard equipment DOOR DIAGRAM

**NOTES:**

- 128 credited credentials
- 5 operating modes (1 as standard)
- Torch "D" type alkaline batteries (6 pieces)

N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 5)

MOVED BATTERY PACK

Valid only for Grand Superior

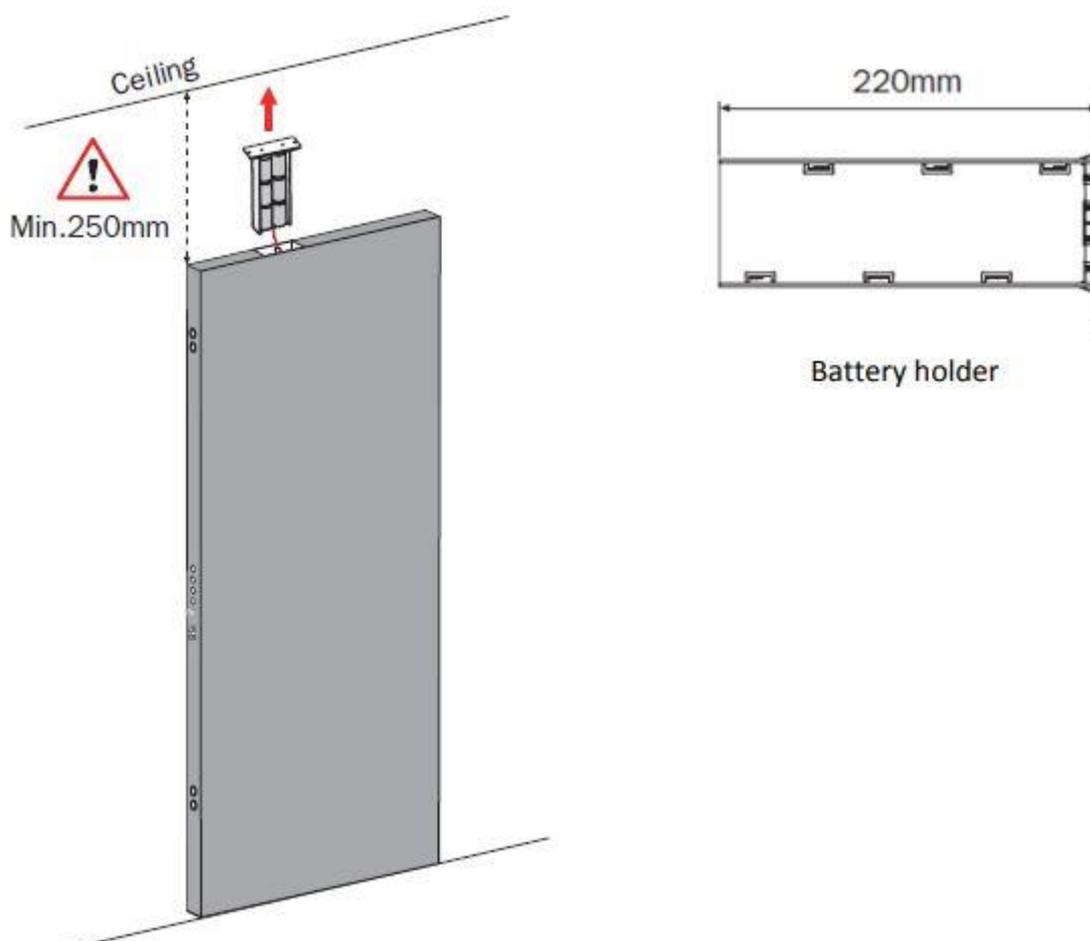
In the following conditions, the battery will be moved to the upper part;

- Sigillo threshold
- Air/water floor mullion
- Shortened leaf/ counterframe below floor surface

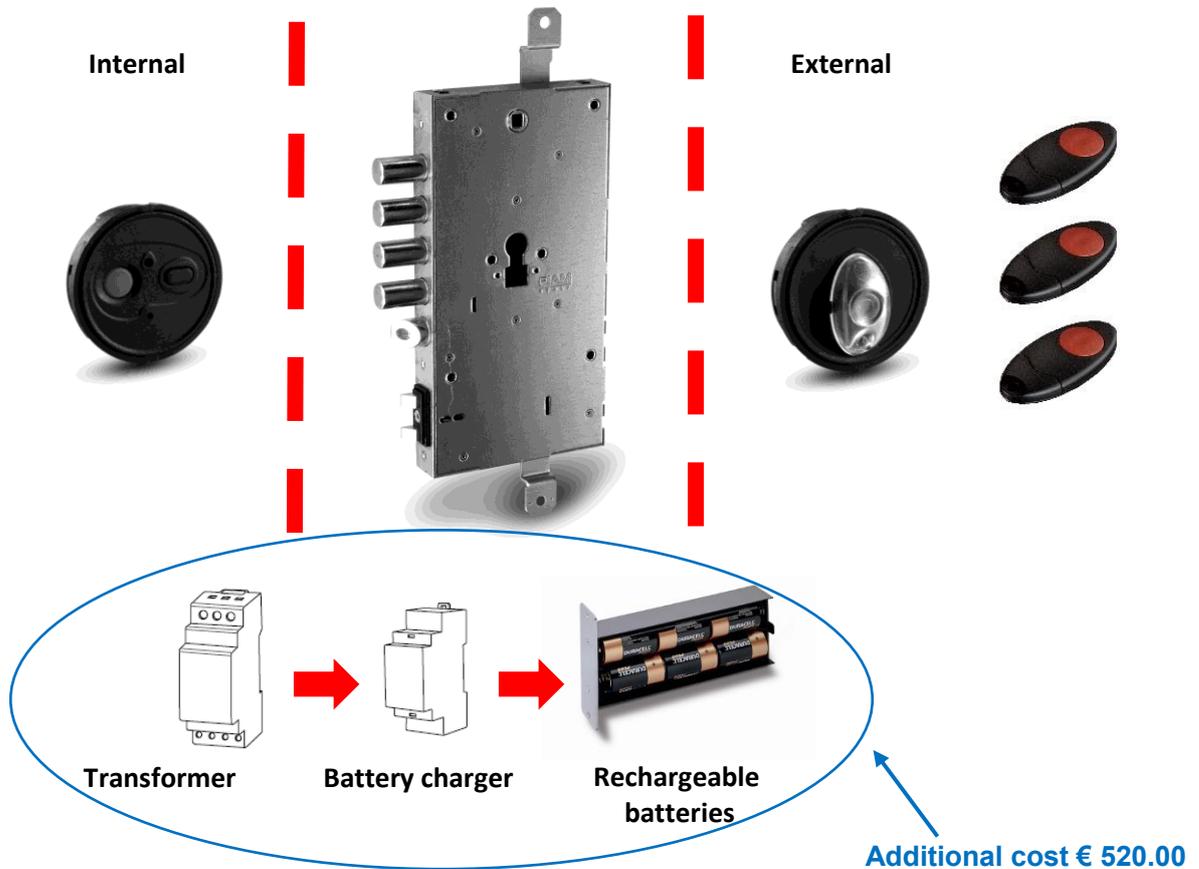
In the following conditions, added to the previous, the battery pack can be moved on the hinge side:

- Wide glass inserts
- Arched doors

Before proceeding to order, check there are no obstructions that limit battery pack removal operations at time of replacement and, if necessary, evaluate an alternative power source.

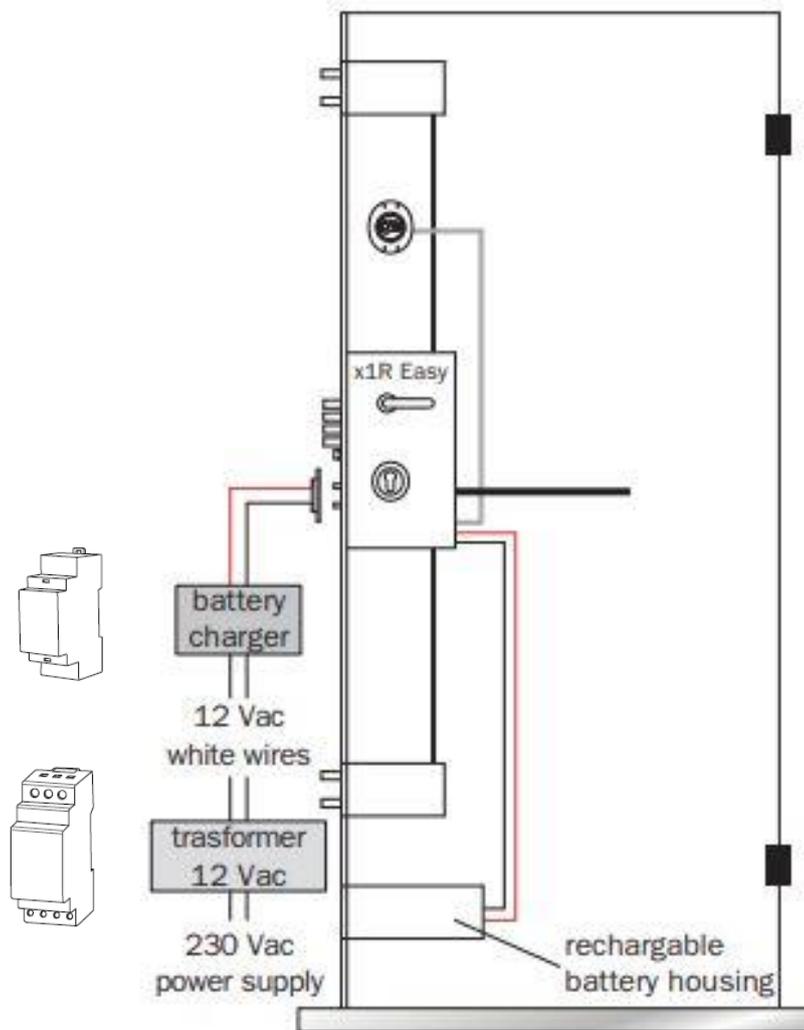


Optional – Rechargeable batteries



<p>MRM8: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). RECHARGEABLE batteries (including: batteries + power supply unit + transformer) USING DOOR CONTACT, external TAG reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	<p>Each</p>	<p>€ 4,060.00 + <u>€ 520.00</u> = € 4,580.00</p>
<p>S18: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). RECHARGEABLE batteries (including: batteries + power supply unit + transformer) USING DOOR CONTACT, external TAG reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	<p>Each</p>	<p>€ 2,480.00 + <u>€ 520.00</u> = € 3,000.00</p>

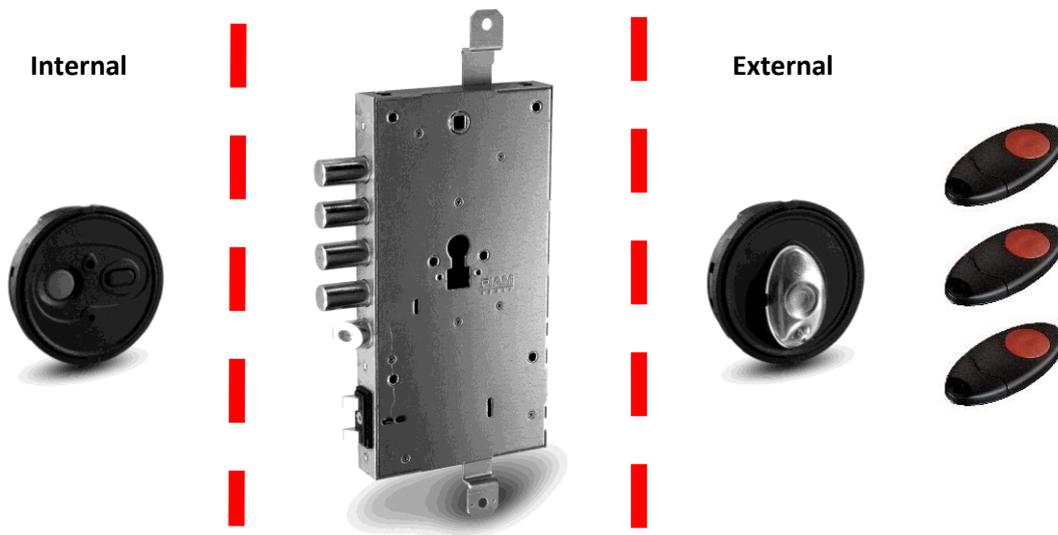
Optional – Rechargeable batteries DOOR DIAGRAM



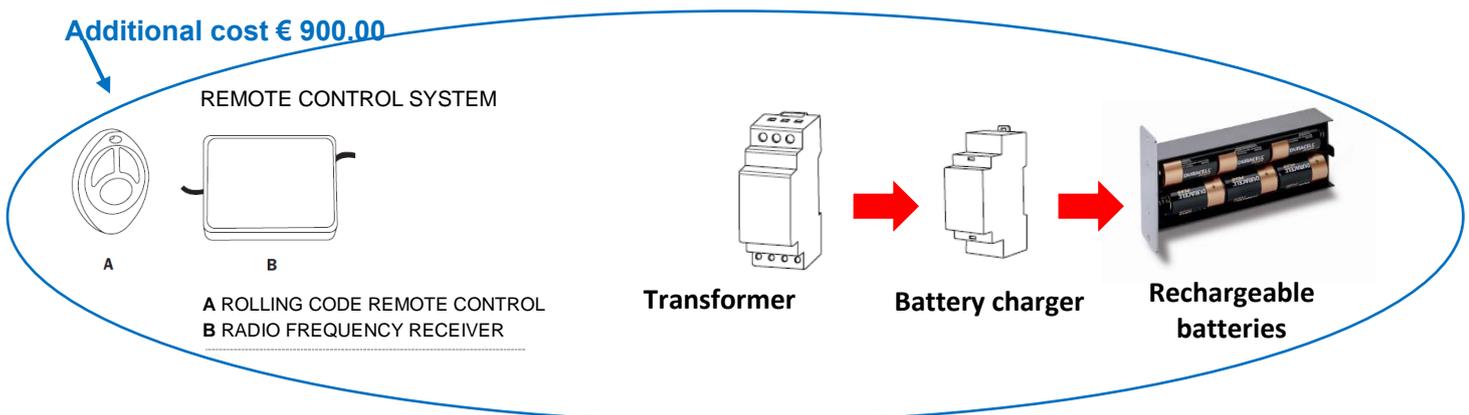
NOTES:

- Rechargeable batteries 1.2V Ni-MH 5000 mAh “D” Torch (6 pcs)
- Only the Iseo battery charger can be connected to the door contact as a power source.
- The batteries must be replaced when they expire
- Preparation of shunt box on the lock side to host the battery charger (approximate volume 90x60x40 mm) and transformer (approximate volume 90x60x35mm)
- **N.B.:** position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 5)

Optional – Rechargeable batteries and remote control

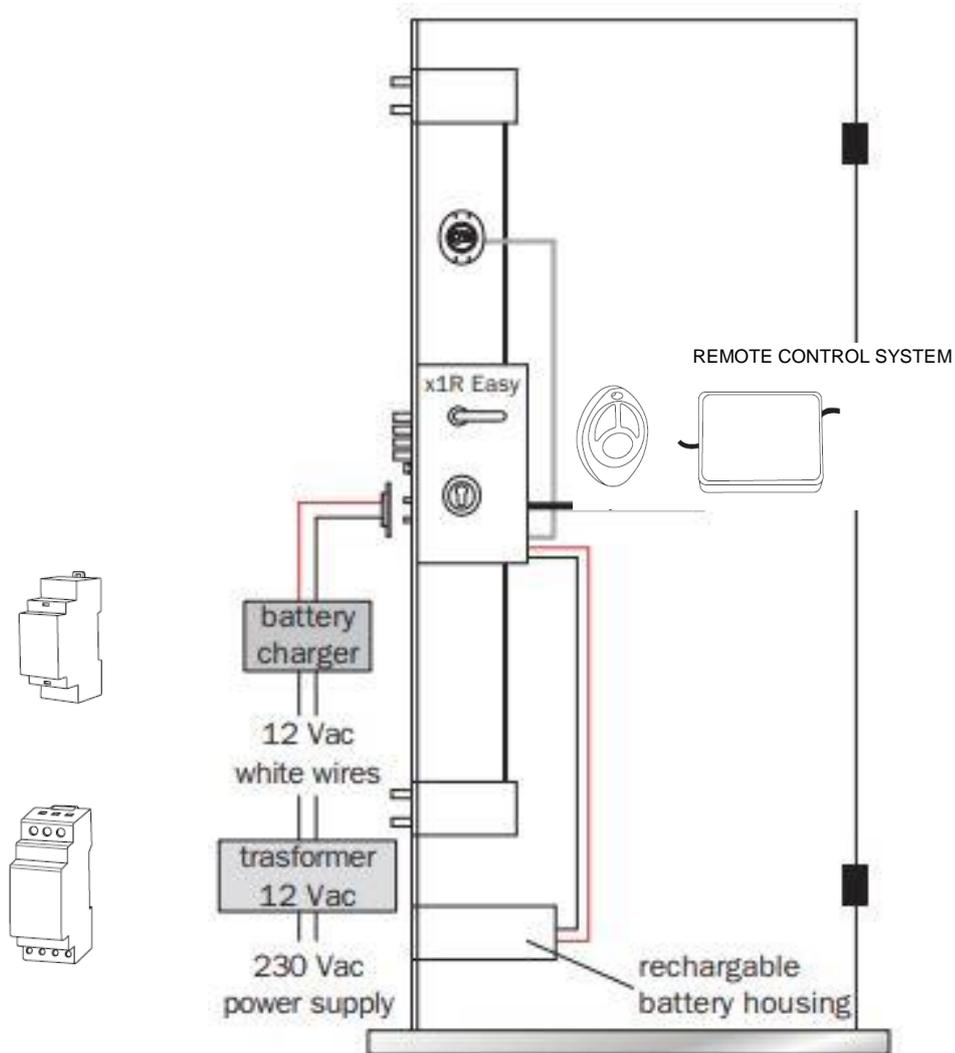


Additional cost € 900.00



<p>MRM8: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). REMOTE CONTROL (including 1 remote control, receiver and RECHARGEABLE BATTERIES = batteries + power supply unit + transformer USING DOOR CONTACT), external TAG reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	<p>Each</p>	<p>€ 4,060.00 + <u>€ 900.00</u> = € 4,960.00</p>
<p>S18: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). REMOTE CONTROL (including 1 remote control, receiver and RECHARGEABLE BATTERIES = batteries + power supply unit + transformer USING DOOR CONTACT), external TAG reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	<p>Each</p>	<p>€ 2,480.00 + <u>€ 900.00</u> = € 3,380.00</p>

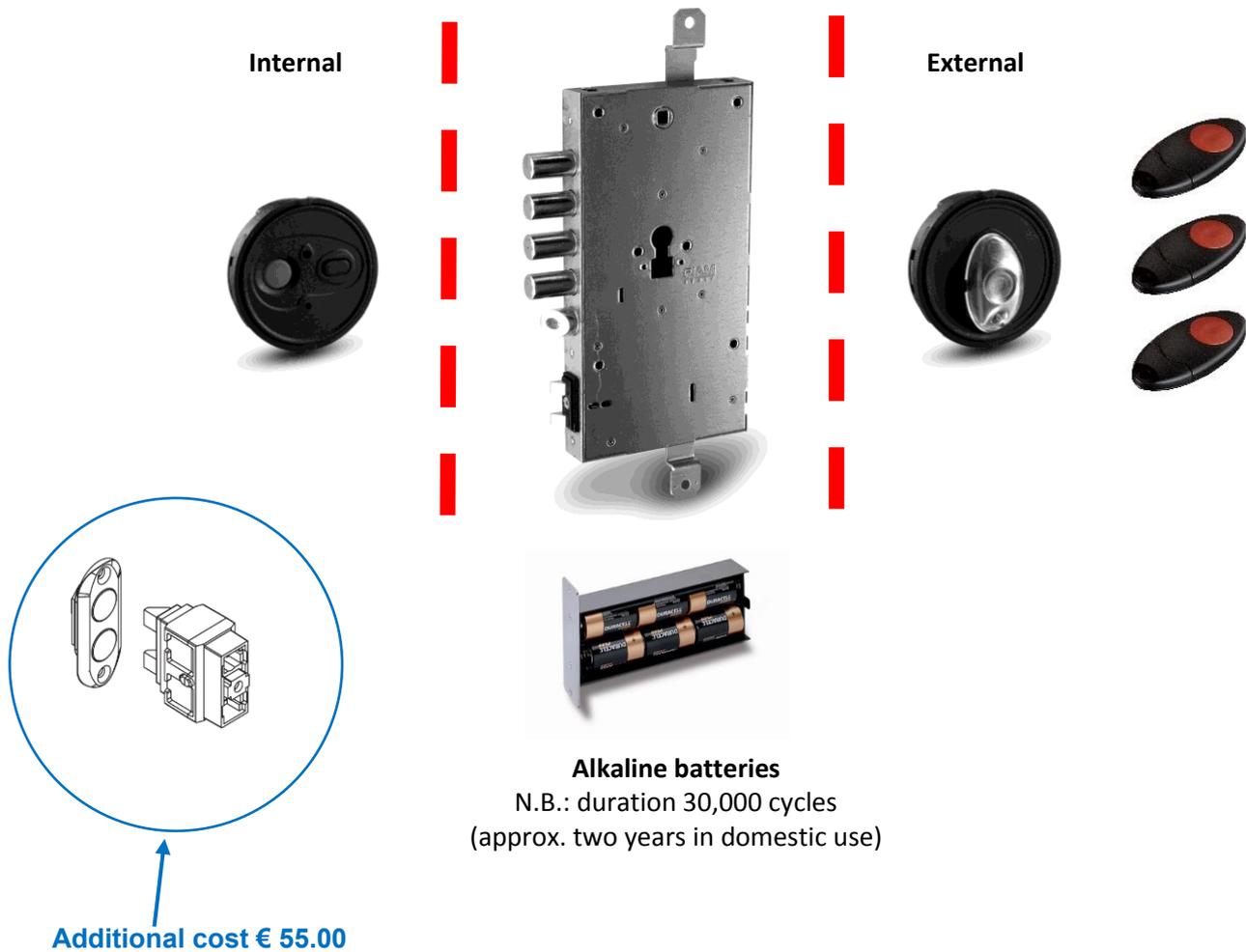
Optional – Rechargeable batteries and remote control DOOR DIAGRAM



NOTES:

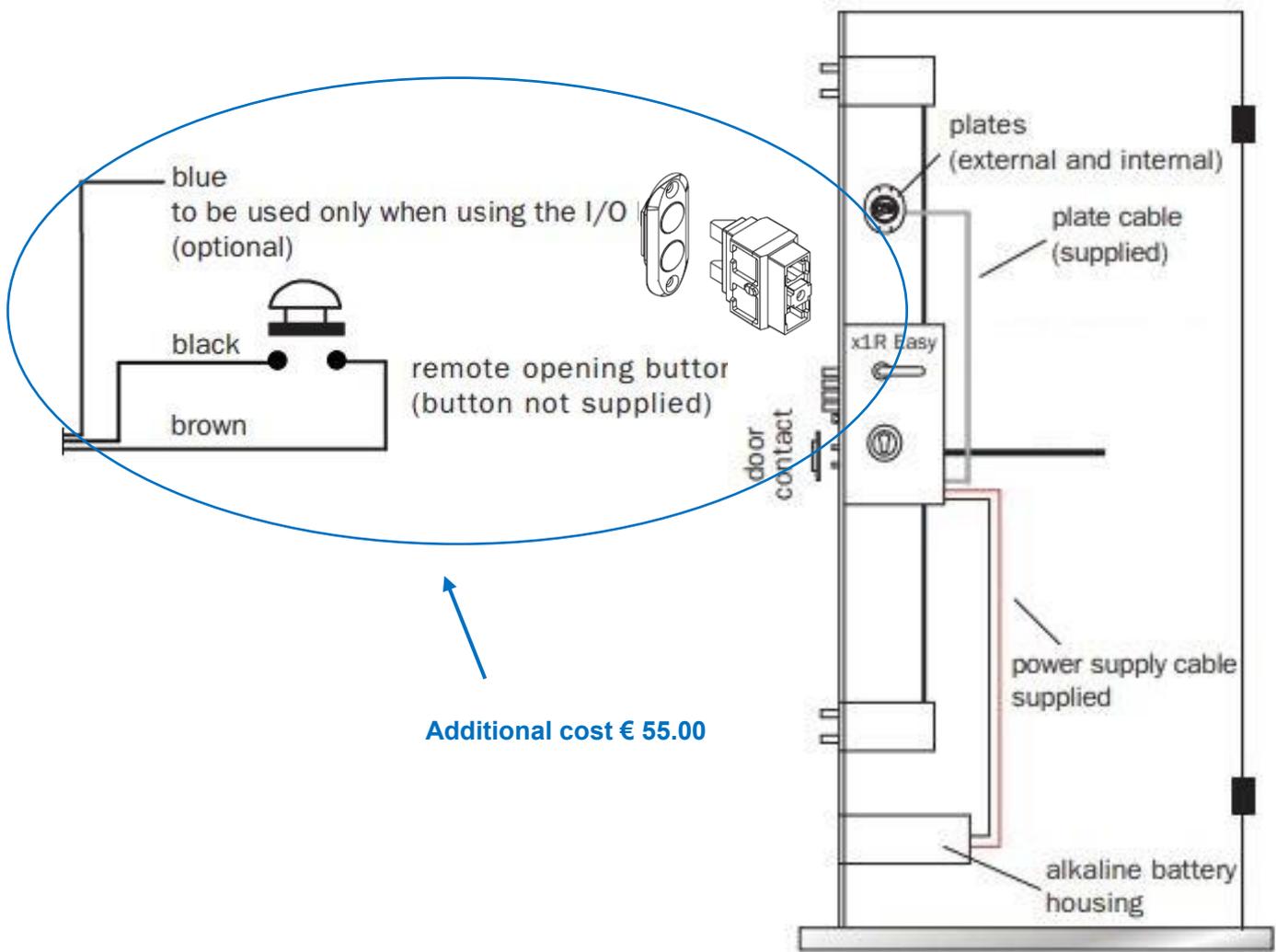
- Rechargeable batteries 1.2V Ni-MH 5000 mAh "D" Torch (6 pcs)
- Only the Iseo battery charger can be connected to the door contact as a power source.
- The batteries must be replaced when they expire
- Preparation of shunt box on the lock side to host the battery charger (approximate volume 90x60x40 mm) and transformer (approximate volume 90x60x35mm)
- **N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 5)**

Optional – Spring contact for remote connection



<p>MRM8: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external TAG reader and internal keypad as standard. Spring contact for remote connection. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + <u>€ 55.00</u> = € 4,115.00</p>
<p>S18: Electromechanical lock (EASY version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external TAG reader and internal keypad as standard. Spring contact for remote connection. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 transponder keys + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + <u>€ 55.00</u> = € 2,570.00</p>

Optional – Spring contact for remote connection



NOTES:

- Do not directly connect the opening button input (black/brown cables) to power sources
- As a "remote opening button", use a normally open button (clean contacts).
- If the distance of the remote opening button is over 5 metres from the door, use a relay (common normally open contact) positioned near the lock not over 5 metres from it.
- N.B.: the spring contact for remote connection can be used with all types of power supplies (alkaline batteries and rechargeable batteries).
- **N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 5)**

Optional – Opening elements

- **Additional TAG/transponders € 40.00/each**
(3 transponders supplied)



- **IDuo key-key cylinder € 80.00**
1 recodable installation key (not unified) + 3 tags/transponders with integrated master mechanical keys + 2 additional master keys (with Security Card)



- **Additional transponder with integrated mechanical key € 85.00/each**
(valid only as additional cost on IDUO cylinder)



- **Backlit external numerical keypad € 255.00**
(including TAG reader)
N.B. instead of external TAG reader as standard



- **Additional remote control € 130.00/each**
(valid only as additional charge on rechargeable batteries version with remote control)



SUMMARISING

		TYPE OF POWER SUPPLY	
		Alkaline Batteries NOT rechargeable	Rechargeable batteries
OPENING SYSTEMS	3 TAG/transponders kit	as standard	as standard
	Internal button	as standard	as standard
	External TAG reader	as standard	as standard
	Remote control	not installable	optional
	I/O logic	not installable	not installable
	Cable gland for remote connection	not installable	not installable
	Spring contact for remote connection.	optional	optional
	IDuo cylinder	optional	optional
	External numerical keypad	optional	optional

NOT AVAILABLE IN VERSION WITH DIRECT POWER SUPPLY

Part 2 – SMART or SMART SINGLE ACTION version – on models:

- FLUSH MONOLITE MRM8
- GRAND SUPERIOR S18

x1R SMART

Certified to the maximum levels of standard EN14846 (The standard specifies the requirements and methods for testing resistance, security, durability and functionality of electrical and electronic components for all types of mechanically operated locks and locking plates for use on doors, French doors, and entrance doors to buildings) with the following classification:



Also certified according to standard EN12209 (Building hardware - Mechanically operated locks and locking plates - Requirements and test methods) with classification:

GRADE 7

Certified in the «single action» version also according to the standard EN179 (Building hardware - Emergency exit devices operated by a lever handle or push pad - Requirements and test methods) with classification:



X1R SMART: easily manages permissions and access control via the ARGO smartphone app developed for this type of lock. Supports Mifare cards, up to 300 users, stores the last 1 000 events, detects battery status, luminous and acoustic alerts, upgradeable software. Can be opened with smartphone via Bluetooth using the “ARGO” app.

X1R SMART SINGLE ACTION: in addition to the above, the internal handle allows total release of all the bolts (retracting the throws with the door closed) in a single movement. This allows a user inside the property to quickly open the door by simply pressing the handle (similar to the function of a panic bar).

Standard equipment SMART or SMART SINGLE ACTION version

Internal



External



Alkaline batteries

N.B.: duration 30,000 cycles
(approx. two years in domestic use)



NOTES:

- the Master cards are used to access programming and to enable the access credentials, they are numbered and should be used in the order indicated (card 2 bypasses 1, card 3 bypasses all previous ones).

Standard equipment SMART or SMART SINGLE ACTION version

SMART VERSION

<p>MRM8: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + <u>€ 210.00 =</u> € 4,270.00</p>
<p>S18: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + <u>€ 210.00 =</u> € 2,690.00</p>

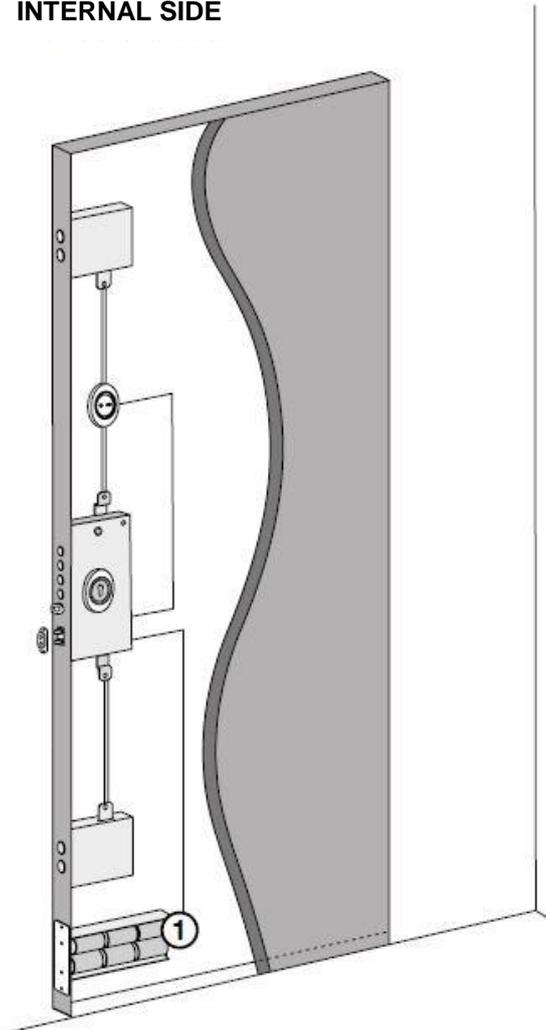
SMART SINGLE ACTION VERSION

<p>MRM8: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + <u>€ 265.00 =</u> € 4,325.00</p>
<p>S18: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + <u>€ 265.00 =</u> € 2,745.00</p>

Standard equipment
SMART or SMART SINGLE ACTION version

DOOR DIAGRAM

INTERNAL SIDE



N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 18)

MOVED BATTERY PACK

Valid only for Grand Superior

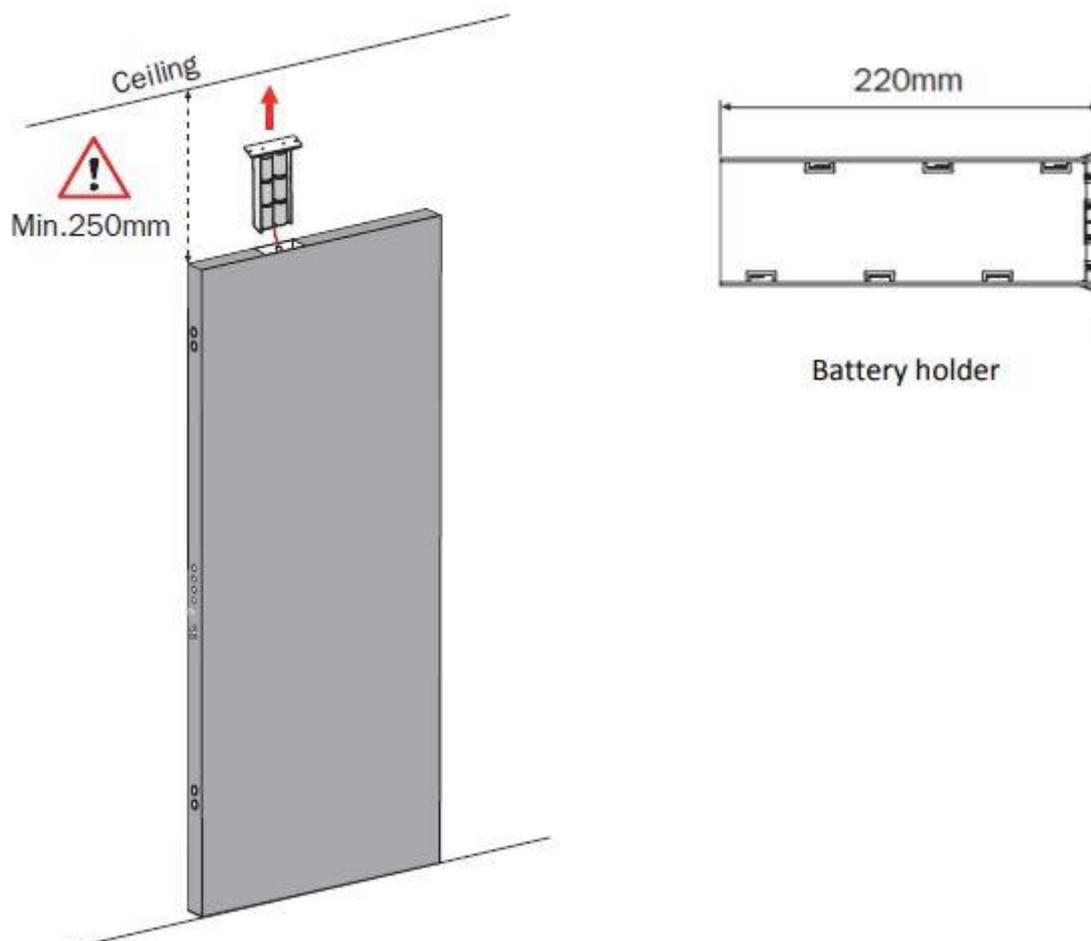
In the following conditions, the battery will be moved to the upper part;

- Sigillo threshold
- Air/water floor mullion
- Shortened leaf/ counterframe below floor surface

In the following conditions, added to the previous, the battery pack can be moved on the hinge side:

- Wide glass inserts
- Arched doors

Before proceeding to order, check there are no obstructions that limit battery pack removal operations at time of replacement and, if necessary, evaluate an alternative power source.



Optional – Direct power supply using door contact

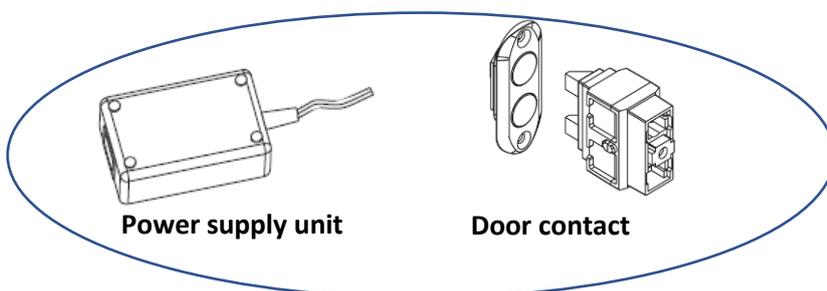
Internal

External



Alkaline batteries

N.B.: duration 30,000 cycles
(approx. two years in domestic use)



Power supply unit

Door contact

← Additional cost € 225.00

Optional – Direct power supply using door contact

SMART or SMART SINGLE ACTION version

SMART VERSION

<p>MRM8: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). DIRECT POWER SUPPLY using door contact including power supply unit and backup alkaline batteries (not rechargeable), external RFID reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + € 210.00 + € 225.00 = € 4,495.00</p>
<p>S18: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). DIRECT POWER SUPPLY using door contact including power supply unit and backup alkaline batteries (not rechargeable), external RFID reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + € 210.00 + € 225.00 = € 2,915.00</p>

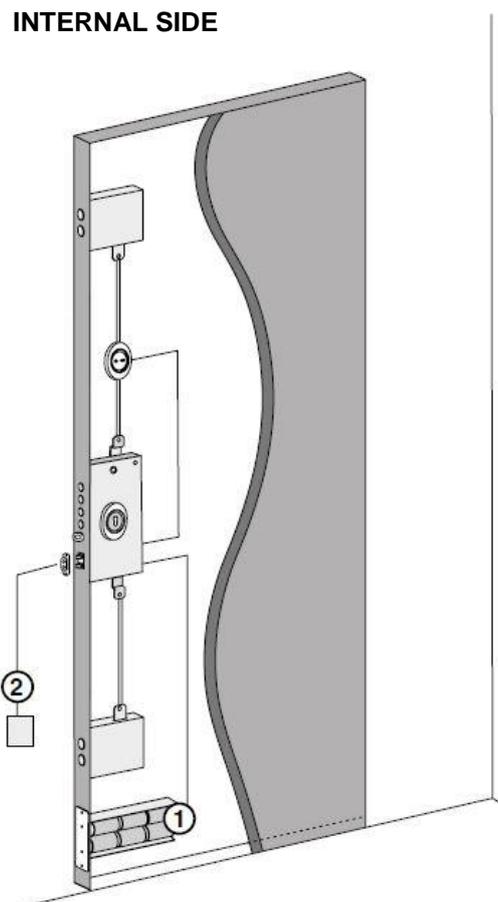
SMART SINGLE ACTION VERSION

<p>MRM8: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). DIRECT POWER SUPPLY using door contact including power supply unit and backup alkaline batteries (not rechargeable), external RFID reader and internal keypad as standard. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + € 265.00 + € 225.00 = € 4,550.00</p>
<p>S18: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). DIRECT POWER SUPPLY using door contact including power supply unit and backup alkaline batteries (not rechargeable), external RFID reader and internal keypad as standard. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + € 265.00 + € 225.00 = € 2,970.00</p>

Optional – Direct power supply using door contact

SMART or SMART SINGLE ACTION version

DOOR DIAGRAM



When the door is closed, the lock power supply is provided by the electricity mains (2) using the door contact

sensor. When the door is open, the power supply is provided by the alkaline batteries (1), which also work as backup, in the event of a power cut.

N.B.: thanks to the innovative technology of this lock in internal energy management, these batteries will probably last up to their expiry date.

NOTES:

- Shunt box preparation on the lock side to host the power supply unit (approximate volume 120X45X30mm)
- the connection cable to the system is a plug to connect to a normal electricity socket
- The cable gland is not necessary.
- **N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 18)**

Optional – Spring contact for remote connection with 2-pole cable

SMART VERSION

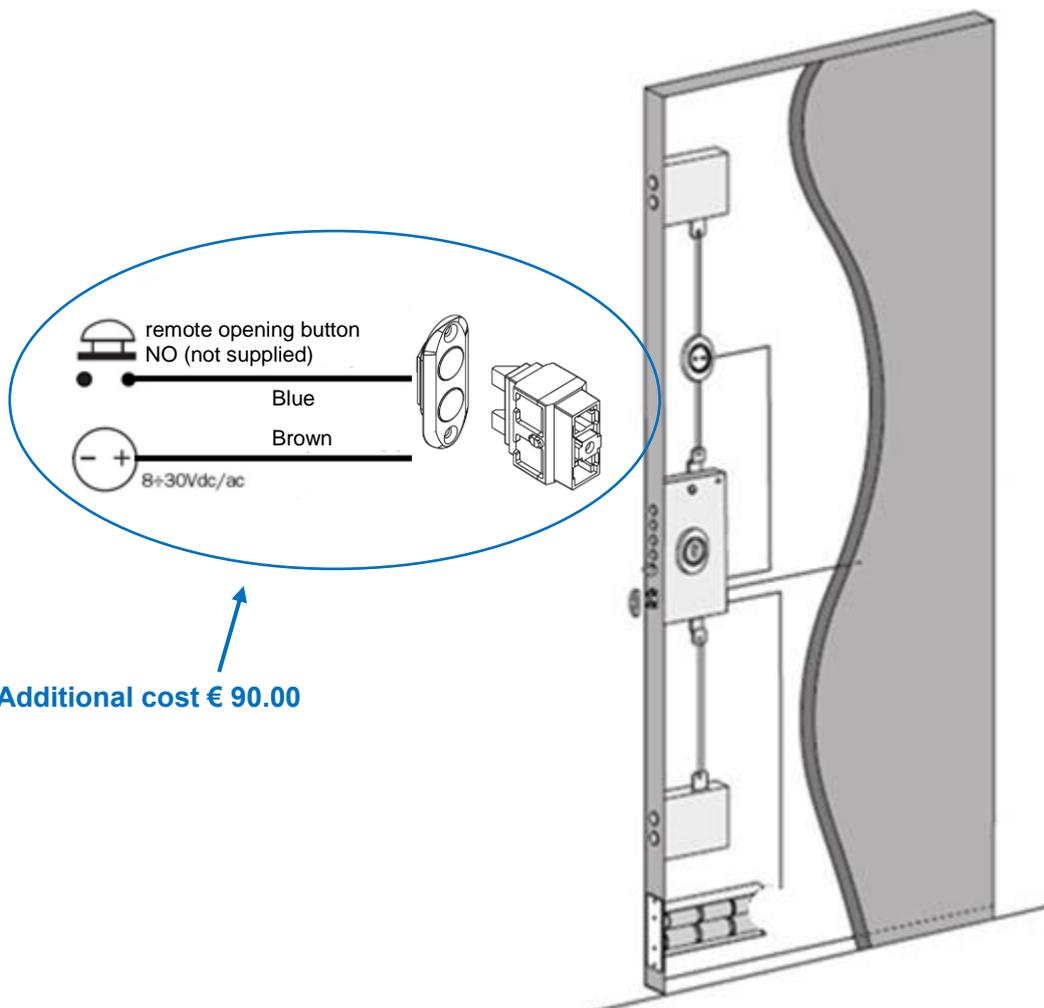
<p>MRM8: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. Spring contact for remote control. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + € 210.00 + <u>€ 90.00 =</u> € 4,360.00</p>
<p>S18: Electromechanical lock (SMART version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. Spring contact for remote control. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + € 210.00 + <u>€ 90.00 =</u> € 2,780.00</p>

SMART SINGLE ACTION VERSION

<p>MRM8: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. Spring contact for remote control. 9 securing points: 6 moving points, 1 spring latch, 2 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 4,060.00 + € 265.00 + <u>€ 90.00 =</u> € 4,415.00</p>
<p>S18: Electromechanical lock (SMART SINGLE ACTION version) with Duo key/key anti-drill and anti-bumping cylinder (class 2), protected by anti-drill and anti-pipe defender (class 4). Alkaline batteries (non-rechargeable), external RFID reader and internal keypad as standard. Spring contact for remote control. 11 securing points: 6 moving points, 1 spring latch, 4 fixed hinge bolts. Key system: 3 master cards + 3 user cards + 1 recodable installation key (not unified) + 3 master keys with Security Card.</p>	Each	<p>€ 2,480.00 + € 265.00 + <u>€ 90.00 =</u> € 2,835.00</p>

Optional – Spring contact for remote connection with 2-pole cable

INTERNAL SIDE



NOTES:

- The spring contact option with 2 poles is valid both for power supply with alkaline batteries and direct power supply from door contact.
- **N.B.: position the battery pack on standard doors. For installation in particular conditions, see the specific data sheet (page 18)**

Optional – Opening elements

- **3 Master cards kit € 60.00/each kit**



- **Additional user cards € 12.00/each**
(3 user cards supplied)



- **TAG RFID/transponder € 40.00/each**



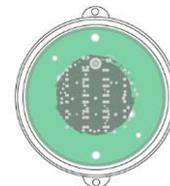
- **IDuo key-key cylinder € 185.00**
1 recodable installation key (not unified) + 3 tags/transponders with integrated master mechanical keys + 2 additional master keys (with Security Card)



- **Backlit external numerical keypad € 160.00**
(including RFID reader)
N.B. instead of external RFID reader as standard



- **Concealed RFID reader € 185.00**
N.B. instead of external RFID reader as standard
Attention! It may only read ISEO RFID cards



- **ISEO fingerprint reader € 845.00**
N.B. combined with an opening device of your choice, from:
 - RFID reader
 - Numerical keypad
 - Concealed RFID reader



Attention! The reader may not recognise fingerprints that are worn or dirty, injured or exposed to abrasive agents or due to particular genetic reasons.

SUMMARISING

		TYPE OF POWER SUPPLY	
		Alkaline Batteries NOT rechargeable	Direct power supply from door contact including alkaline batteries
OPENING SYSTEMS	3 Master cards + 3 User cards	as standard	as standard
	Internal button	as standard	as standard
	External RFID reader	as standard	as standard
	Spring contact for remote connection with 2-pole cable	optional	optional
	Cable gland for remote connection with 8-pole cable	Not installable	Not installable
	IDuo cylinder	optional	optional
	External numerical keypad	optional	optional
	Concealed RFID reader	optional	optional
	ISEO fingerprint reader	optional	optional

**NOT AVAILABLE IN VERSION WITH DIRECT POWER SUPPLY
FROM CABLE GLAND**

ISEO ARGO APP



Main functions:

- Opening device with all iOS and Android smartphones
- Management of user list: add, delete or edit up to 300 users for each device
- Reading of events log (last 1,000 events)
- Free software and firmware upgrades
- Instruction manuals always up to date

ADDITIONAL CHARGED ARGO GUEST AND ARGO HOST SERVICE

For further information <https://app.iseo.com/> or contact the company



USEFUL LINKS

<https://app.iseo.com/>

<https://www.iseo.com/it/en/products/locks-for-armoured-doors/motorized-locks>

ITALIAN FREEPHONE NO. **800728722**