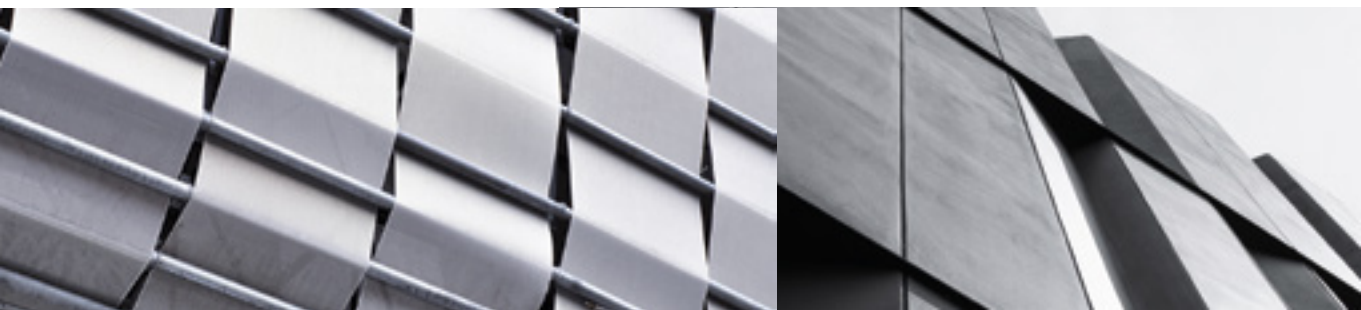# SMART DESIGN **SECURITY**

ISEO

UN MONDO PIÙ SICURO

SMART DESIGN **SECURITY**

G.D.**Rutter**
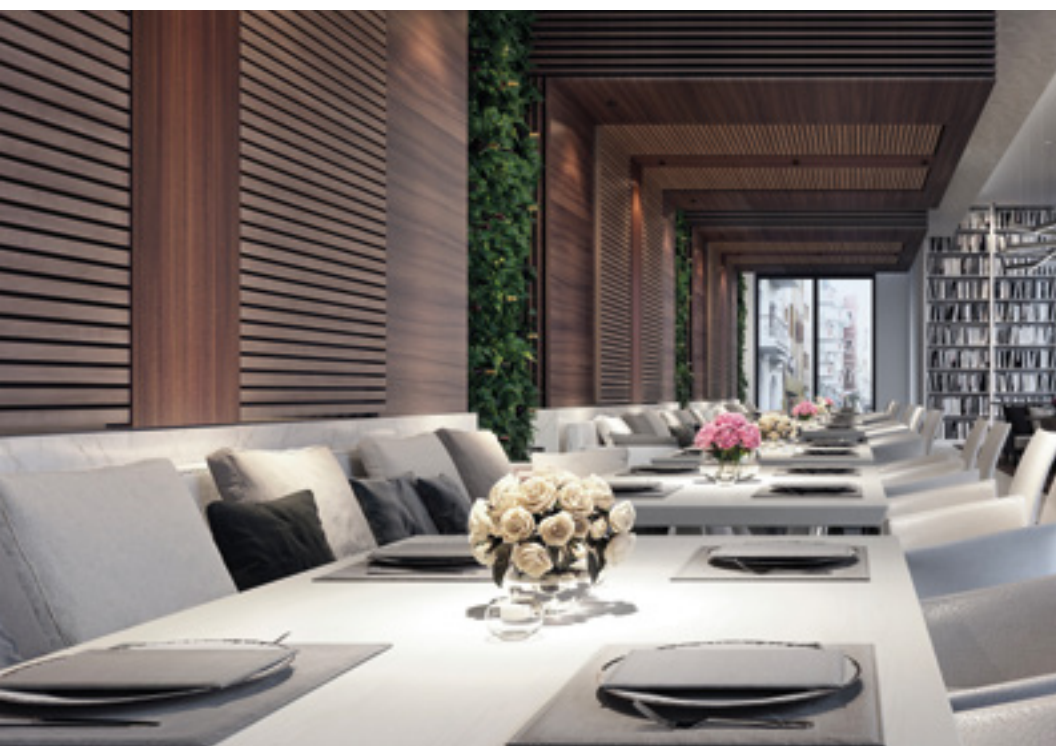
ISEO®

GDR
Architectural

DOOR **CLOSERS**

IS9100

Automatic
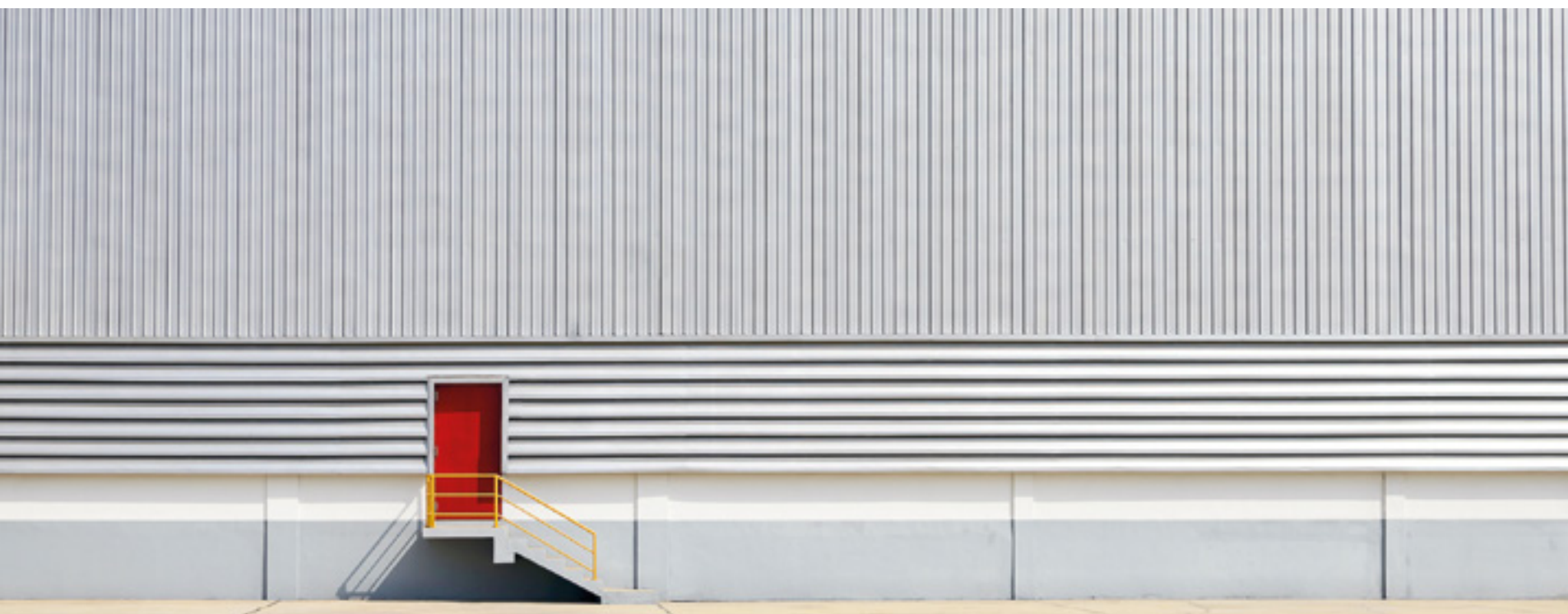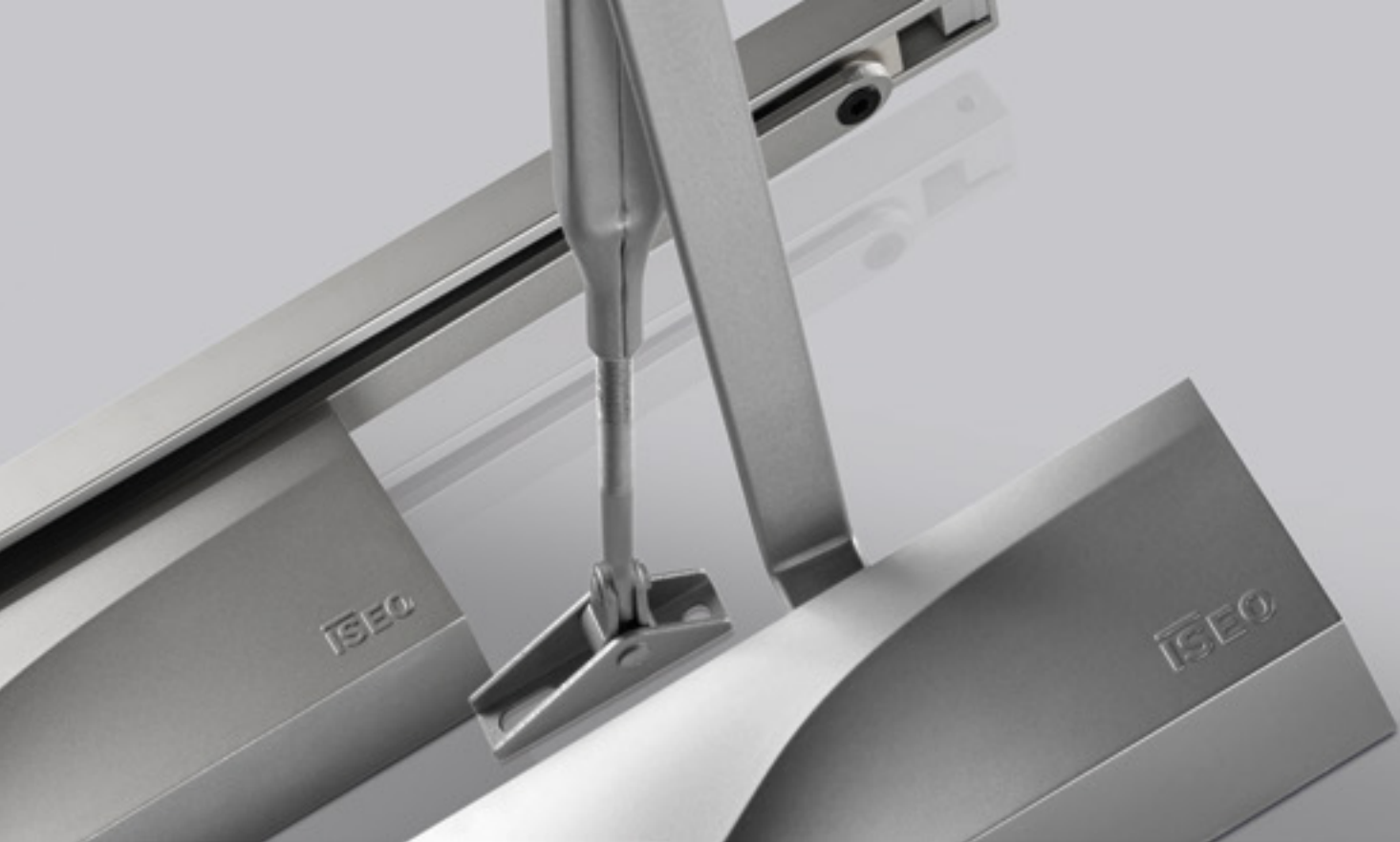swing door operator

AUTOMATIC SWING DOOR OPERATOR

IS9100

IS9100

TOP QUALITY

For doors up to 1100 mm in width and 160 kg in weight.
For internal doors and doors opening outwards
(single action door, non handed).

COLOUR

Silver ▪

		Code
Drive Unit IS9100 (without cover and arm)	●	**379210003**

ARMS AND ACCESSORIES

Single cover	**379510003**
Standard arm	**379300003**
Sliding arm	**379350003**
Axle extension 30 mm	**379014303**
Axle extension 60 mm	**379014603**
Upgrade card "full energy"	**37901600A**

TECHNICAL SPECIFICATIONS

Application conditions	- Ambient temperature: -15°C +50°C
	- Air humidity max. 93 % non-condensing
	- Power supply: 230 Vac +10%/-15%, 50Hz
	- Protection grade: IP 20
Max. power input	120 Watt
Closing force EN1154	EN2-4 adjustable (also after installation)
Max. door panel weight	120kg or 160kg with upgrade card "Full Energy"
	depending on the door panel width.
Door panel width	700 – 1100 mm
Min. clearance between the hinges of the 2 door panels	1500 mm
Max. lintel depth with standard arm	Up to 225 mm
Device weight	12 kg
Power supply for external devices	24 Vdc +/-5%, 1,5 A
Door opening angle	Max 110°, depending on the type of installation
Fuse on power supply (not included)	16 A
Noise during operation	Max 50 dB
Software (Firmware)	On-site upgrading
Signalling	- Leds: green, red, yellow
	- Display for programming
Advanced features	- Temperature related overload protection
	- Driving speed automatic optimization
Dimensions (LxHxD)	685 x 70 x 130 mm

APPLICATION

Drive IS9100 is an electromechanical swing door operator for single or double leaf doors.
It can be installed both on new and existing doors. It can be operated in 2 modes:
- automatic swing door operator mode (i.e. opening after a pulse generated by motion sensor or pushbutton),
- manual opening mode (i.e. the device is used as a traditional door closer).
Drive is equipped either with a sliding arm for the installation on pull side or with a standard arm for the installation on push side with lintel depth of 225 mm maximum.

An integrated internal selector allows to easily set 4 different functions:
- Off;
- Automatic;
- Permanent opening;
- Exit only.

In case of power failure, the device works like a simple door closer.
With the manual opening mode, the function "power assist" allows to make the opening more comfortable.
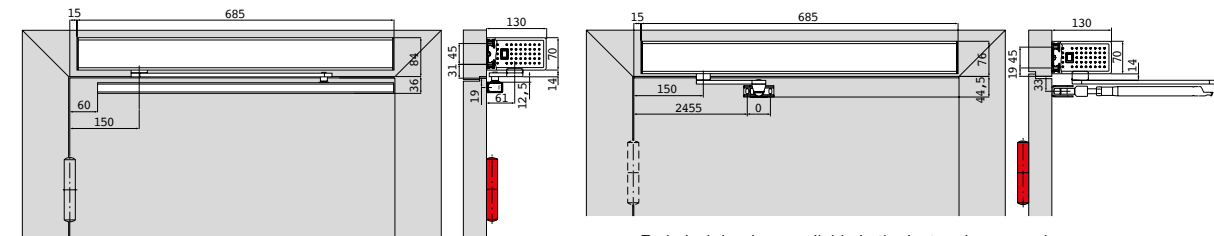
Technical drawings available in the instruction manual.

INSTALLATION/ARM CONFIGURATION

Sliding arm: pull side.
Sliding arm: push side (not suitable for fire resistant doors).
Standard arm: push side.
Standard axle extension 9 mm (included).

FEATURES

· Speed adjustment.
· Hold open door adjustment.
· Safety sensor management.
· Lock open input management.
· Latching action adjustment.
· Function "Push & Go".
· Emergency opening or closing programmable (Fail Safe or Fail Secure).

· Force adjustment from 2 to 4 according to standard EN1154.
· Opening angle adjustment: until 110°.
· Low noise functioning (<50dB).
· Temperature overload protection.
· Wind impact automatic adaptation.
· Integrated in Iseo Access Control Systems.

CONNECTIONS

INPUTS:

1. Connecting terminals: max 1.5 mm 2.
2. Potential-free activator: internal and external (NO contact).
3. Powered activator (intercom, key switch,..):
   - 8 – 24 Vdc/Vac + 5%,
   - NO contact/NC contact,
4. Safety Sensor (intercom, key switch,..):
   - hinge side and opposite hinge side (NC contact).
5. Test signal for safety sensor: hinge side and opposite hinge side.
6. Shutdown drive function: NC contact/NO contact.

OUTPUTS:

1. Connecting terminals: max 1.5 mm 2.
2. Potential-free status contact (relais): Programmable
   - Door closed.
   - Door open.
   - Error.
   - Door closed and locked.

*NZ Fire Doors Approved

BCS2000

Fire prevention

FIRE PREVENTION
ELECTRICALLY POWERED HOLD OPEN DEVICE

BCS2000

TOP QUALITY

Can be fitted to all types of doors, up to 120 kg in weight and 1250 mm in width.
Minimum door closer adjustments: closing speed, latching action or silent closing, backcheck, delayed closing action.

COLOUR

Silver ▪

Code
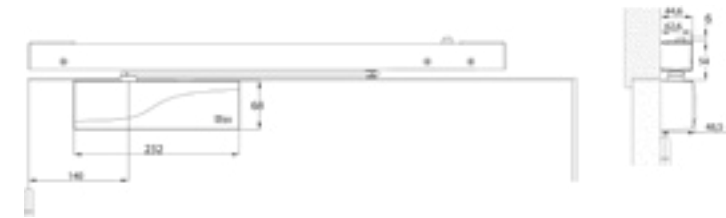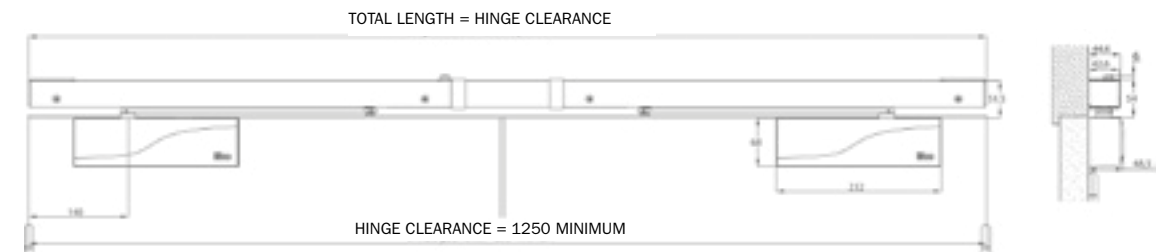
BCS2000/1 FOR SINGLE LEAF

BCS2000/1 with door closer IS65 force 3 (for a leaf width up to 950 mm)	**380302N3**
BCS2000/1 with door closer IS315 force 3-5 (for a leaf width up to 1250 mm)	**380302N5**

BCS2000/2 ADJUSTABLE PER DOUBLE LEAVES

BCS2000/2 with door closer IS65 force 3 (for leaves width up to 950 mm)	**380310N3**
BCS2000/2 with door closer IS315 force 3-5 (for leaves width up to 1250 mm)	**380310N5**

TECHNICAL SPECIFICATIONS

Force of door closer	Depending on article, either force 3 or force 3-5
Valve 1 (on door closer)	Thermo-constant closing speed
Valve 2 (on door closer)	Latching action
Valve 3 (on door closer)	Backcheck (only with IS315)
Valve 4 (on door closer)	Delayed closing action (only with IS315)
Compliance EN1155	3|5|3-5|1|1|3
Compliance EN1154	3|8|3-5|1|1|3
Compliance EN1158 (BCS2000/2)	3|5|3-5|1|1|3
Compliance EN1634	Suitable for fire/smoke resistant doors
EMC	In compliance
Maximum doors holding position	Till 150° depending on doors
Electromagnet adjustment	Each leaf is adjustable separately in holding force and in angle
Electromagnet working mode	Fail safe mode
Power supply	Automatic dual-voltage 24-48Vdc
Power consumption	BCS2000/1 = 1.3W, BCS2000/2 = 2.5W
Condition for the use	Operational safety and comfort from -15°C to +40°C
Slide channel dimensions	BCS2000/1 : 42.6 x 36.5 x 700 (mm)
	BCS2000/2 : 42.6 x 36.5 x from 1250 to 1900 or 2500 (mm)
Weight	BCS2000/1 + IS65 = 3,8 kg; BCS2000/1 + IS315 = 5,1 kg
	BCS2000/2 + IS65 = 6,7 kg; BCS2000/2 + IS315 = 8,7 kg

CE   EN1155
     EN1154
     EN1158
     EN0333

BCS2000

BCS2000/1 + IS65

BCS2000/2 Adjustable + IS65

TOTAL LENGTH = HINGE CLEARANCE

HINGE CLEARANCE = 1250 MINIMUM

Technical drawings available in the instruction manual.

APPLICATION

· Electro magnetic device holds door open until disruption to power, either by supply failure or activation from the fire alarm panel.
· Functionality maintained as a standard closer when hold open not engaged or the current has been interrupted.
· Upon activation, evacuation is enabled by the closer operating as a manual door control device.

APPLICATION FIELD

· For single or double leaves.
· For fire resistant door.
· Installation on pull side (standard).
· Installation push side (limited).
· Door width max.: 1250 mm.
· Door weight max.: 120 kg.

VERSIONS/ACCESSORIES

· 2 versions for single leaf dependent on door width (up to 1250mm with door closer force 3-5).
· 2 versions for double leaves depending on door width. These products are supplied in 3 parts, with a monobloc device adjustable in length for syncronising double leaf doors.

FEATURES

· Non-handed installation on pull side (single or double doors).
· Door closer with ISEO design and closing speed adjustable per valves.
· All devices are included in aesthetic slide channel.
· Automatic dual voltage 24-48 Vdc (standard equipment).
· Connection possible into both ends (aligned with hinges) with pluggable terminal block directly inside the product.
· Triple protection on electric card, against over-voltage, short circuit and current feedback.
· One electro-magnet per leaf for force & allows adjustment of hold open position up to 160°.
· On top, there is a button with 2 functions:
  - To activate electromagnet at the first installation or after fire alarm (switch on/off function) and re-set to closer after an activation.
  - Close doors without the need to pull on leaves.
· Door coordinator included for the version BCS2000/2 ensures secondary leaf is closed first.
· Potential-free contacts are used to notify the fire detection system of the effective position of the doors (doors held open/doors opened or doors closed).
· Electronic delay action function can be activated.
· One LED to indicate product status information.
· Closing time adjustment.
· 2 years warranty.

IS315
IS310
IS115
IS110
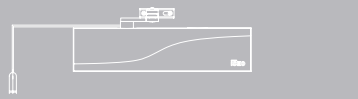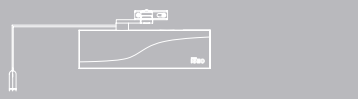Performance

IS315

PERFORMANCE

IS315

CE EN 1154

IS315

IS315 RV

Technical drawings available in the instruction manual.

Can be fitted to all types of doors, up to 120 kg in weight and 1250 mm in width. Adjustment: closing speed, latching action or silent closing, backcheck, delayed closing action.

COLOUR

Silver

Black

Code

IS315 SLIDING ARM

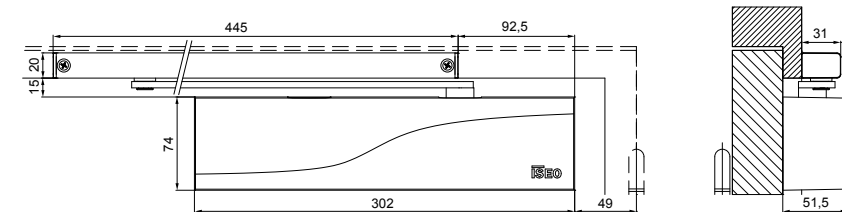|		
IS315 force EN 3-5 - Finish: silver	●	377150033
IS315 force EN 3-5 - Finish: black	●	377150035
IS315 RV force EN 3-5 - Finish: silver	●	377150133

ACCESSORIES

Cushioned limit stay: CLS	370032000
Adjustable hold open device: HOD	370031000
Mounting plate for IS315 - Finish: silver	376010003

TECHNICAL SPECIFICATIONS

Force	3 - 5
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	Backcheck (BC)
Valve 4	Delayed closing action between 140° and 75° (DC)
Force adjustment	Using BTR screw
Compliance EN1154	4 | 8 | 5 / 3 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire/smoke resistant doors
Opening angle	180° (hinges side)
Safety valve	Included
Type of arm	Sliding arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	302 x 74 x 51,5 (mm)
Product weight	3,4 kg
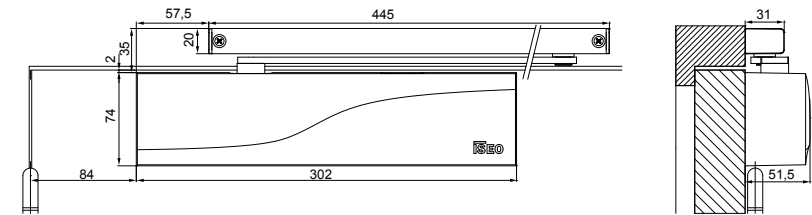
APPLICATION FIELD

· For internal doors and doors opening outwards.
· For single action door.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance door and smoke proof door.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 1250 mm.
· Door weight max. 120 kg.

VERSIONS/ACCESSORIES

• Standard colour: silver, black.
• IS315 RV (silver only) door leaf installation opposite hinge side.
• Accessories:
  - Cushioned limit stay: CLS, prevents doors when opened normally from impacting against an adjacent wall.
  - Adjustable hold open device: HOD, mechanical device to manually hold open the door leaf (needs to be manually disengaged).
  - Mounting plate.

FEATURES

· Aesthetic cover concealing adjustment valves & closer body.
· Closing and opening speed adjustable by valves present on the front of the device allowing an easy adjustment.
· Door closer with delayed closing action is standard, adjustable by valve, to allow a delayed closing time as required. Useful for buildings where adjustable door opening times are required (for example, goods delivery & elderly).
· Door closer with backcheck as standard, adjustable by valve, for outwards opening doors ensuring a controlled opening to protect door and wall against the effects from wind flow.
· Concealed fixing.
· Low resistance during door opening.
· Anti-vandalism arm.
· Closing time adjustment.
· 2 years warranty.

*NZ Fire Doors Approved

IS310

PERFORMANCE

CE EN 1154

Can be fitted to all types of doors, up to 160 kg in weight and 1400 mm in width.
Adjustment: closing speed, latching action or silent closing, backcheck, delayed closing action.

COLOUR

| Silver | ▇ |
| Black | ■ |

*

Code

Technical drawings available in the instruction manual.

IS310 STANDARD ARM

| IS310 force EN 3-6 - Finish: silver | ● | **376100033** |
| IS310 force EN 3-6 - Finish: black | ● | **376100035** |

ACCESSORIES

| Parallel arm bracket (PAB) for IS310 - Finish: silver | **370020003** |
| Mounting plate for IS310 - Finish: silver | **376010003** |

TECHNICAL SPECIFICATIONS

Force	3 - 6
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	Backcheck (BC)
Valve 4	Delayed closing action between 140° and 75° (DC)
Force adjustment	Using BTR screw
Compliance EN1154	4 | 8 | 6 - 3 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire/smoke resistant doors
Opening angle	180°
Safety valve	Included
Type of arm	Standard arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	302 x 74 x 51,5 (mm)
Product weight	2,75 kg
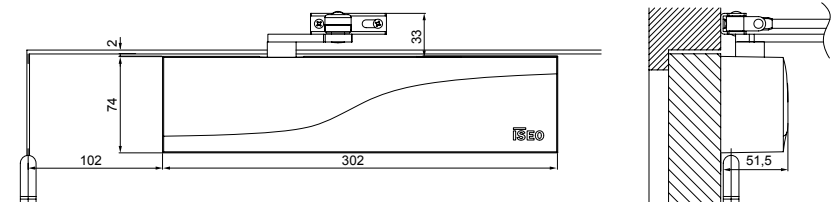
APPLICATION FIELD

· For internal doors and doors opening outwards.
· For single action door.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance door and smoke proof door.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 1400 mm.
· Door weight max. 160 kg.

VERSIONS/ACCESSORIES

• Standard colour: silver, black.
• Accessories:
  - Parallel arm bracket (PAB) installation opposite hinges with the body on the door. The PAB will change the closing force to 1 – 3.
  - Mounting plate.

FEATURES

· Aesthetic cover concealing adjustment valves & closer body.
· Closing and opening speed adjustable by valves present on the front of the device allowing an easy adjustment.
· Door closer with delayed closing action is standard, adjustable by valve, to allow a delayed closing time as required. Useful for buildings where adjustable door opening times are required (for example, goods delivery & elderly).
· Door closer with backcheck as standard, adjustable by valve, for outwards opening doors ensuring a controlled opening to protect door and wall against the effects from wind flow.
· Concealed fixing.
· Low resistance during door opening.
· Closing time adjustment.
· 2 years warranty.

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IS115

PERFORMANCE

CE EN 1154

Can be fitted to all types of doors, up to 100 kg in weight and 1100 mm in width.
Adjustment: closing speed, latching action or silent closing, backcheck.

COLOUR

| Silver | |
| Black | |

Code

IS115 SLIDING ARM

IS115 force EN 2-4 - Finish: silver	●	375150013
IS115 RV force EN 2-4 - Finish: silver	●	375150113
IS115 force EN 2-4 - Finish: black	●	375150015
IS115 RV force EN 2-4 - Finish: black	●	375150115

ACCESSORIES

Cushioned limit stay: CLS	370032000
Adjustable hold open device: HOD	370031000
Mounting plate for IS315 - Finish: silver	376010003

TECHNICAL SPECIFICATIONS

Force	2 - 4
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	Backcheck (BC)
Valve 4	-
Force adjustment	Using BTR screw
Compliance EN1154	4 | 8 | 4 - 2 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire/smoke resistant doors
Opening angle	180° (hinges side)
Safety valve	Included
Type of arm	Sliding arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	302 x 74 x 51,5 (mm)
Product weight	3,3 kg

IS115
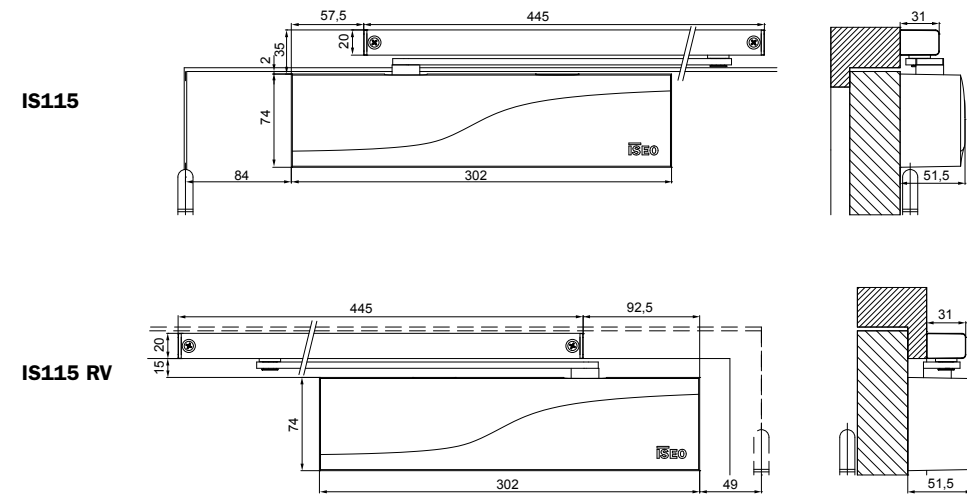
IS115 RV

Technical drawings available in the instruction manual

APPLICATION FIELD

· For internal doors and doors opening outwards.
· For single action doors.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance doors and smoke proof doors.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 1100 mm.
· Door weight max. 100 kg.

VERSIONS/ACCESSORIES

· Standard colour: silver, black.
· IS115 RV (silver only) door leaf installation opposite hinge side.
· Accessories:
  - Cushioned limit stay: CLS, prevents doors when opened normally from impacting against an adjacent wall.
  - Adjustable hold open device: HOD, mechanical device to manually hold open the door leaf (needs to be manually disengaged).
  - Mounting plate.

FEATURES

· Aesthetic cover concealing adjustment valves & closer body.
· Closing and opening speed adjustable by valves present on the front of the device allowing an easy adjustment.
· Door closer with backcheck as standard, adjustable by valve, for outwards opening doors ensuring a controlled opening to protect door and wall against the effects from wind flow.
· Concealed fixing.
· Low resistance during door opening.
· Anti-vandalism arm.
· Closing time adjustment.
· 2 years warranty.

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IS110

IS110

PERFORMANCE

CE EN 1154

Can be fitted to all types of doors, up to 100 kg in weight and 1100 mm in width.
Adjustment: closing speed, latching action or silent closing, backcheck.

COLOUR

| Silver | ▨ |
| Black | ■ |

IS110 STANDARD ARM

		Code
IS110 force EN 2-4 - Finish: silver	●	374100013
IS110 force EN 2-4 - Finish: black	●	374100015

IS110 HOLD OPEN ARM

IS110 force EN 2-4 - Finish: silver	●	374101013
IS110 force EN 2-4 - Finish: black	●	374101015

ACCESSORIES

for standard arm: parallel arm bracket (PAB) - Finish: silver	370020003
Mounting plate for IS110 - Finish: silver	374010003

TECHNICAL SPECIFICATIONS

Force	2 - 4
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	Backcheck (BC)
Valve 4	-
Force adjustment	Using BTR screw
Compliance EN1154	4 | 8 | 4 - 2 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire/smoke resistant doors
Opening angle	180°
Safety valve	Included
Type of arm	Standard arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	232 x 68 x 48,5 (mm)
Product weight	1,87 kg

Technical drawings available in the instruction manual.

APPLICATION FIELD

· For internal doors and doors opening outwards.
· For single action doors.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance doors and smoke proof doors.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 1100 mm.
· Door weight max. 100 kg.

VERSIONS/ACCESSORIES

· Standard colour: silver, black
· Version with standard arm and hold open arm.
· Accessories:
  - Parallel arm bracket (PAB) installation opposite hinges with the body on the door.
    Force from 1 to 3. Parallel arm bracket will change the closing force from 1-3.
  - Mounting plate.

FEATURES

• Aesthetic cover concealing adjustment valves & closer body.
• Closing and opening speed adjustable by valves present on the front of the device allowing an easy adjustment.
• Door closer with backcheck as standard, adjustable by valve, for outwards opening doors ensuring a controlled opening to protect door and wall against the effects from wind flow.
• Concealed fixing.
• Low resistance during door opening.
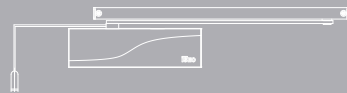• Closing time adjustment.
• 2 years warranty.

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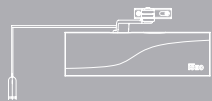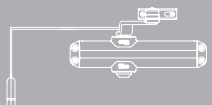**I**S65
IS60
IS20
Design

26
IS65

28
IS60

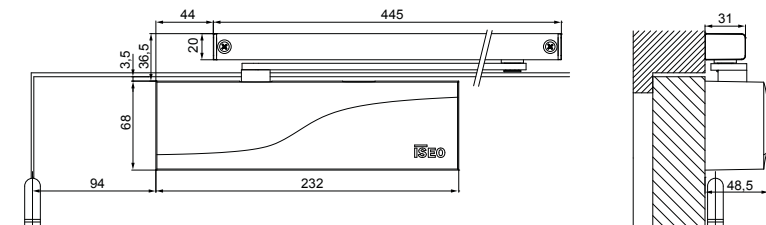30
**I**S20

IS65

DESIGN

IS65

CE EN 1154

Can be fitted to all types of doors, up to 80 kg in weight and 950 mm in width.
Adjustment: closing speed, latching action or silent closing.

COLOUR

| Silver | ▨ |
| Black | ◼ |

Code

Technical drawings available in the instruction manual.

IS65 SLIDING ARM

IS65 force EN 3 - Finish: silver	**373150003**
IS65 force EN 3 - Finish: black	**373150005**

ACCESSORIES

Cushioned limit stay: CLS	**370032000**
Adjustable hold open device: HOD	**370031000**
Mounting plate for IS65 - Finish: silver	**374010003**

APPLICATION FIELD

· For internal door.
· For single action door.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance door and smoke proof door.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 950 mm.
· Door weight max. 80 kg.

TECHNICAL SPECIFICATIONS

Force	3
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	-
Valve 4	-
Force adjustment	-
Compliance EN1154	4 | 8 | 3 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire/smoke resistant doors
Opening angle	180° (hinges side)
Safety valve	Included
Type of arm	Sliding arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	232 x 68 x 48,5 (mm)
Product weight	2,07 kg

VERSIONS/ACCESSORIES:

· Standard colour: silver, black.
· Accessories:
  - Cushioned limit stay: CLS, prevents doors when opened normally from impacting against an adjacent wall.
  - Adjustable hold open device: HOD, mechanical device to manually hold open the door leaf
  (needs to be manually disengaged).
- Mounting plate.

FEATURES

· Aesthetic cover concealing adjustment valves & closer body.
· Closing and opening speed adjustable by valves present on the front of the device allowing
  an easy adjustment.
· Concealed fixing.
· Anti-vandalism arm.
· Closing time adjustment.
· 2 years warranty.

IS60

IS60

DESIGN

CE EN 1154

Can be fitted to all types of doors, up to 100 kg in weight and 1100 mm in width.
Adjustment: closing speed, latching action or silent closing.

COLOUR

Silver

Technical drawings available in the instruction manual.

Code
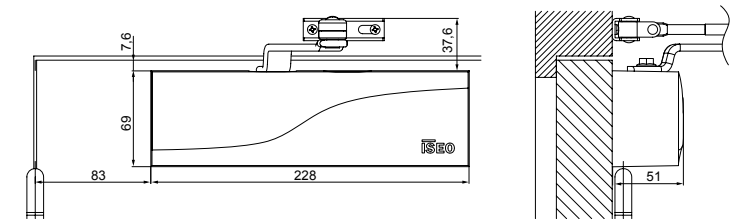
IS60 STANDARD ARM

| IS60 force EN 2/3/4 - Finish: silver | ● | 372100003 |

IS60 HOLD OPEN ARM

| IS60 force EN 2/3/4 - Finish: silver | ● | 372101003 |

ACCESSORIES

| Mounting plate for IS60 - Finish: silver | 372010003 |

TECHNICAL SPECIFICATIONS

Force	2/3/4
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	-
Valve 4	-
Force adjustment	By positionning
Compliance EN1154	3 | 8 | 4/3 | 1 | 1 | 3 |
Compliance EN1634	Suitable for fire resistance door, flame proof door
Opening angle	180° (force 2 and 3 only)
Safety valve	-
Type of arm	Standard arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	228 x 69 x 51 (mm)
Product weight	1,55 kg

APPLICATION FIELD

· For internal door.
· For single action door.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance door and smoke proof door.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 1100 mm.
· Door weight max. 100 kg.

VERSIONS/ACCESSORIES

· Standard colour: silver.
· Version with standard arm and hold open arm.
· Accessories:
- Mounting plate.

FEATURES

· Aesthetic cover concealing adjustment valves & closer body.
· Concealed fixing.
· Low resistance during door opening.
· Closing time adjustment.
· 2 years warranty.

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IS20

DESIGN

Can be fitted to all types of doors, up to 80 kg in weight and 950 mm in width.
Adjustment: closing speed, latching action or silent closing.

COLOUR
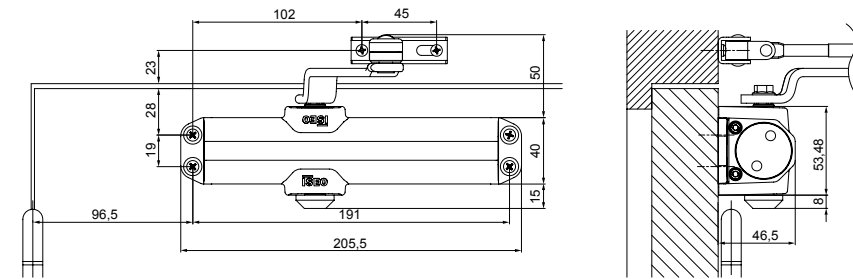
Silver

Code

IS20 STANDARD ARM

IS20 force EN 2/3 - Finish: silver	**371100003**

TECHNICAL SPECIFICATIONS

Force	2/3
Valve 1	Thermo-constant closing speed
Valve 2	Latching action
Valve 3	-
Valve 4	-
Force adjustment	By positionning
Compliance UL listed	Suitable for fire resistance door, flame proof door (outside Europe)
Opening angle	180°
Safety valve	-
Type of arm	Standard arm
Condition for the use	Operational safety and comfort from -15°C to +40°C
Dimensions	205 x 63 x 46 (mm)
Product weight	1,33 kg

C UL US
LISTED
669G

Technical drawings available in the instruction manual.

APPLICATION FIELD

· For internal doors.
· For single action door.
· Non-handed for mounting on door or on frame (right or left opening).
· For fire resistance door and smoke proof door.
· Suitable for use on all door types (wood, aluminium, steel, etc.).
· Door width max. 950 mm.
· Door weight max. 80 kg.

VERSIONS/ACCESSORIES

· Standard colour: silver.
· Version with standard arm.

FEATURES

· Soft opening due to arm design.
· Closing time adjustment.
· 2 years warranty.

PANIC EXIT DEVICES

Anti™
GERM

PERMANENT ANTIBACTERIAL PROTECTION.

AntiGerm is an absolutely safe permanent antibacterial treatment which ISEO has incorportated on its range of Panic Exit Devices. It is based on the slow and constant release of silver ions which penetrate the microbial organism and prevent its reproduction by attacking its DNA and finally inhibiting cellular respiration.

BACTERIA LEVEL REDUCED OF

99%

AntiGerm is a registered and certified trademark exclusively used by ISEO on the global market for the Panic Exit Devices segment with no additional cost.

+650

BACTERIA SPECIES

In few minutes it kills more than 650 viruses, molds, alga, mycosis and bacteria species (as Legionella, Salmonella and MRSA) thanks to a continuous action 24 hours a day, 7 days a week reducing bacteria level of 99%.

37 - 40
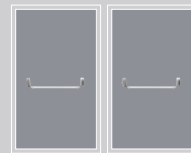
IDEA Base   Modular kit   Modular kit

41 - 46

Push   Modular kit   Modular kit

ISEO®

IDEA Base

PANIC EXIT DEVICE KIT, MODULAR, REVERSIBLE.
STEEL LATCH WITH **SELF-LOCKING FUNCTION**.
SUITABLE FOR **FIRE DOORS.**

IDEA Base

IDEA Base panic exit device,
Modular, reversible. Prearranged for double and triple lateral locking. **Steel latch with self-locking function.**
Suitable for **fire doors.**
Prearranged for top/bottom rods. Caps for top/bottom holes. Nylon spacer for external control.
Template. Assembly instructions.
Latch keepers included.

MODULAR KIT FOR SINGLE DOORS

Code

SINGLE POINT

1x   1x
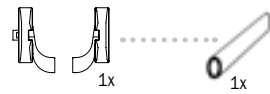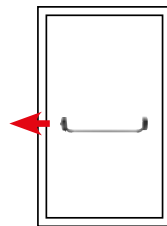
	Code	
Door width max. 1330 mm ●	IDB1P13	YES

TWO POINTS

1x   1x   1x   1x
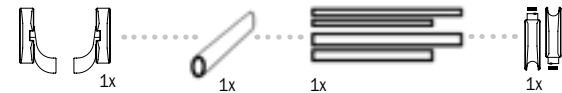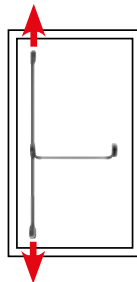
	Code	
Door width max. 1130 mm Door height max 3400 mm ●	IDB2P13.34	YES

THREE POINTS

1x   1x   1x   1x
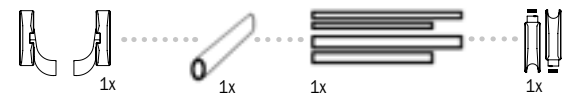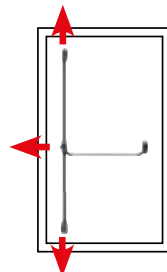
	Code	
Door width max. 1300 mm Door height max 3400 mm ●	IDB3P13.34	YES

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

MODULAR KIT FOR DOUBLE DOORS

Code

ONE POINT + TWO POINTS

(A)   (B)

2x   2x   1x   1x
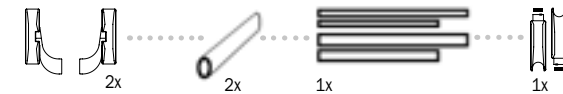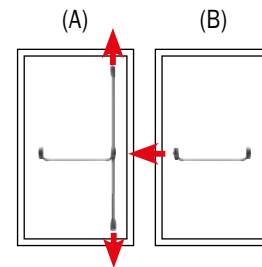
	Code	
Door width max. 1300 mm Door height max 3400 mm ●	IDBD313.34	YES

TWO POINTS + TWO POINTS

(A) unrebated   (B) unrebated

2x   2x   2x   2x
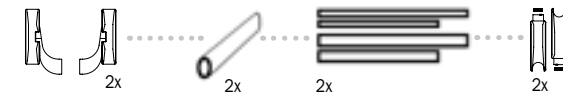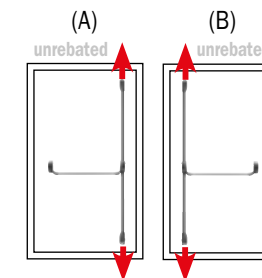
	Code	
Door width max. 1300 mm Door height max 3400 mm ●	IDBD413.34	YES

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

● **Special** Order: to be shipped from Italy.

IDEA Base

Push

ACCESSORIES

		Code	Anti GERM	Special Order
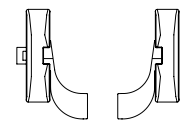
Latches for panic exit device modular suitable for Fire Doors.

Painted black · **9414000504**   YES
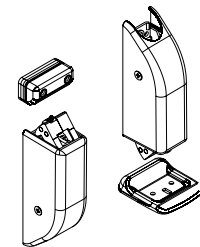
Pair of painted latches for panic exit devices **IDEA Base** and **Push**.
Top and bottom vertical locking.
Self-locking steel latch suitable for fire resistant doors.
Keeps. Fixing screws.

Painted black · **9410201504**   YES
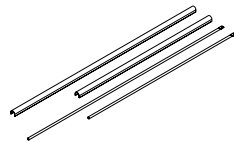
Rods and covers. One keep for two wings, without spacers.
Cap for bar lateral latch.

For doors with max. height mm 3400 painted black · · · · · · **94100305**   YES

Horizontal oval bar for panic exit devices **IDEA Base**. **Length mm 1330.**

Painted red · **945938**
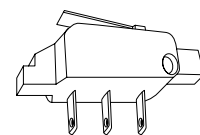
Micro Switch for **IDEA Base**.

Black · **94100060**

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.
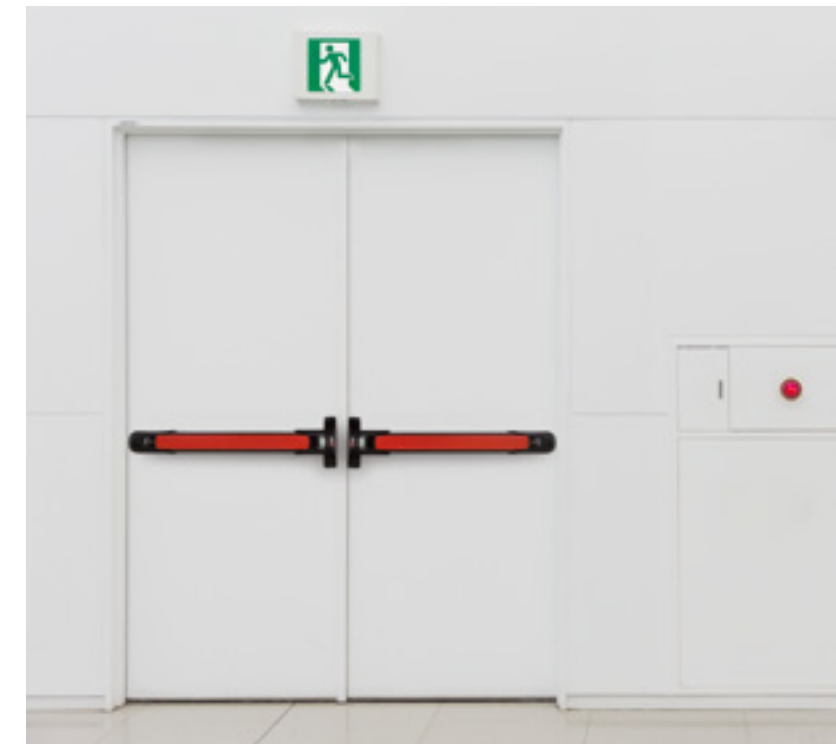
PANIC EXIT DEVICE KIT,
MODULAR REVERSIBLE, PREARRANGED FOR RODS.
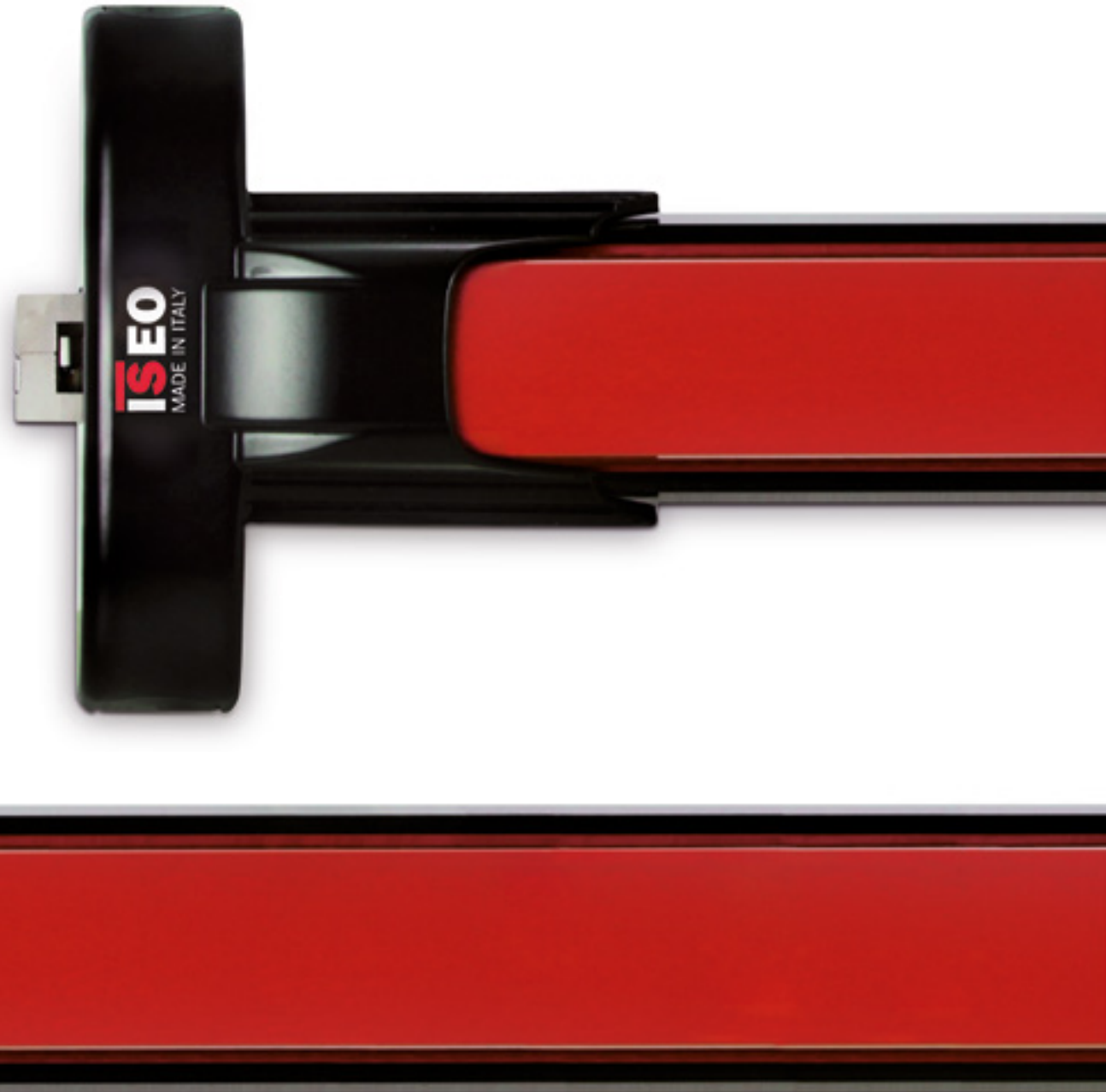
Push

Push panic exit device KIT.
Modular reversible, prearranged for rods.
Length 1300mm shortenable to mm 330, height 3400mm.
Self-locking latch, suitable for **fire resistant** doors.
Top/bottom hole caps. Lateral keeper with spacers mm 1-2-3.
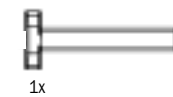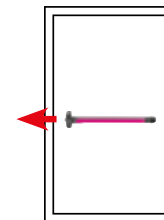Assembly instructions.
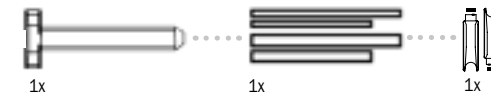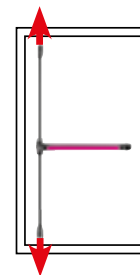
MODULAR KIT FOR SINGLE DOORS

Code

SINGLE POINT

1x

| Door width max. 1300 mm | ● | **IDP1P13** | YES |

TWO POINTS

1x   1x   1x

| Door width max. 1300 mm Door height max. 3400 mm | ● | **IDP2P13.34** | YES |

THREE POINTS

1x   1x   1x
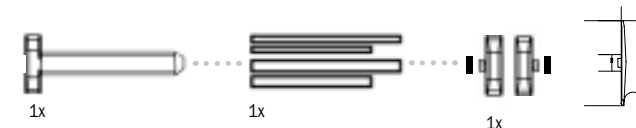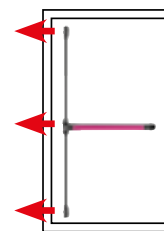
| Door width max. 1300 mm Door height max. 3400 mm | ● | **IDP3P13.34** | YES |

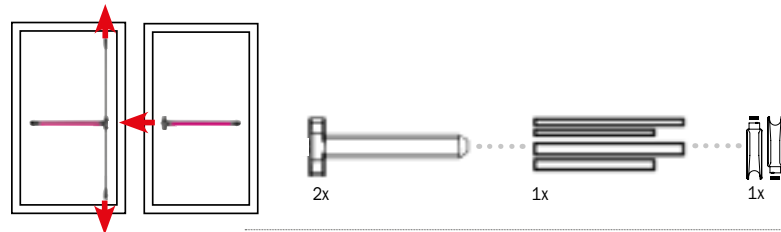Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

Push

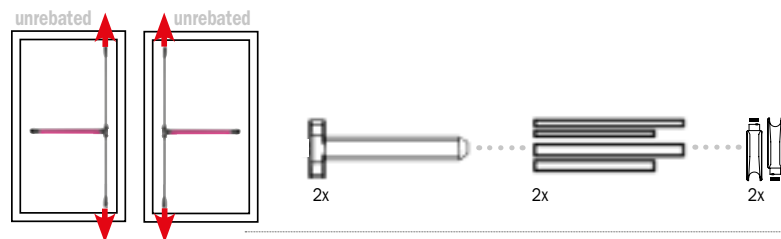**Push**

MODULAR KIT FOR DOUBLE DOORS

	Code	AntiGERM™

ONE POINT + TWO POINTS

		2x	1x	1x

Door width max. 1300 mm Door height max. 3400 mm	**IDPD313.34**	YES

TWO POINTS + TWO POINTS

unrebated   unrebated

		2x	2x	2x

Door width max. 1300 mm Door height max. 3400 mm	**IDPD413.34**	YES

Before installation on fire/smoke resistant doors, please check the compatibility of the accessories.

ACCESSORIES

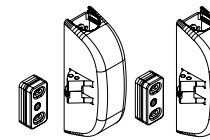|	Code	AntiGERM™	Special Order
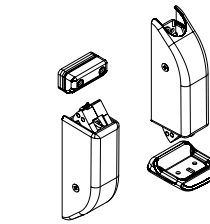
Pair of painted latches for panic exit devices **IDEA Base** and **Push**.
Top and bottom vertical locking. Self-locking steel latch suitable for fire resistant doors.
Keeps 94100110+94100120. Fixing screws.

| Painted black	**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.
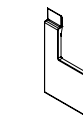
Painted black	**9410203504**	YES

Rods and covers. One keep for two wings, without spacers.
Cap for bar lateral latch.
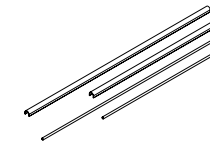
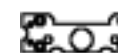| For doors with max. height mm 3400 painted black	**94100305**	YES
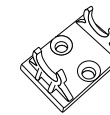
Accessory for rod guides	**94100195**	NO	●

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

Black	**94100705**	NO

Zinc-plated steel plate, for **IDEA Base** and **Push** for bar fixing.
Suitable for fire resistant doors. Fixing screws.

	94100040	NO

Zinc-plated steel plate, for **IDEA Base** and **Push** for top/bottom latches
fixing. Suitable for fire resistant doors. Fixing screws.

	94100050	NO

● **Special** Order: to be shipped from Italy.

Push

ACCESSORIES

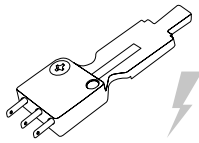**T**rim Tronic
Trim
Accessories

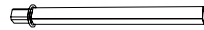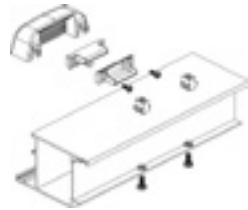|	Code	Anti-GERM	Special Order

Microswitch, to be installed in the bracket of the **Push** 94254
used to detect door opening.
Can be used with security system. Instructions.

	94200060	NO

Extended handle follower
for doors with thickness up to mm 105.

	947880	NO	●

Adjustable PVD keep for panic exit devices **IDEA Base**
and **Push**, top or lateral painted with zinc slide.
For single and double doors. Suitable for coplanar
frames and frames with a rebate up to mm 11.
Fixing screws. Instructions.

Painted black	**94100130**	YES
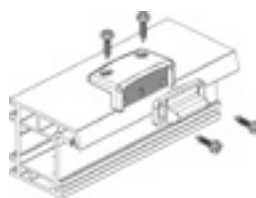
Adjustable PVD keep for panic exit devices **IDEA Base**
and **Push** top or lateral locking painted with zinc slide.
For single and double doors. Suitable for frames with a
rebate from mm 14 to mm 24.
Fixing screws. Instructions.

Painted black	**94100150**	YES	●

● **Special** Order: to be shipped from Italy.

Trim

	Code	Anti GERM™	Special Order

External control with microswitch for panic exit devices.
For fire resistant doors, supplied with **handle** and cylinder
art. 820930109. The **microswitch releases** the signal of
"locked" i.e. "Closed" and "Handle free" i.e. "open".
Door maximum thickness mm 105.

Painted black		**94011015T**	YES	
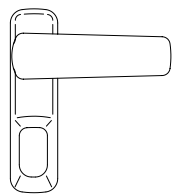
External control for panic exit devices.
For fire resistant doors, **handle only**.
Handle follower. Fixing screws. Instructions.

Painted black		**94014005T**	YES	●
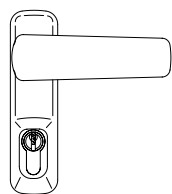
Painted external control for panic exit devices.
For fire resistant doors, supplied with **handle** and 5-pin
European profile **cylinder** art. 820930109.
Handle follower. Fixing screws. Instructions.

Painted black		**94011005T**	YES	–

x1R Smart

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

KEY POINTS

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

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

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

4.0 LE and manage all functions.

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

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

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

x1R Smart

IT IS CERTIFIED

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

3	X	9	E	0	P	7	1	3

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

3	7	7	B	1	4	5	2	3

MAIN FUNCTIONS

Smart device with Bluetooth 4.0 LE radio interface

Opening and programming via Argo App on iOS and Android devices

Motorised opening and closing of deadbolts and latchbolt

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

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

Opening via European profile cylinder (EN1303, DIN 18252)

Battery powered low-energy consumption device (optional)

Wake up upon RFID card detection (patented)

Battery charge status detection

Light and sound signals

Hold open function (office function) without extra energy consumption

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

Real Time Clock/Calendar

Memory storage of 300 users

Memory of the last 1000 events

Software that can be update by the user in the field

Compatible with the main mechanical locks for security doors

TECHNICAL FEATURES

BACKSET: 63 mm.

DEADBOLT PROJECTION: 3 mm to 13 mm.

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

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

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

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

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

LOCKCASE DIMENSIONS:
- Width 30 mm.
- Height 262 mm.
- Depth 136 mm.

TOP AND BOTTOM ROD ATTACHMENTS:
- In zinc-plated steel.
- Maximum projection 53 mm (upper), 50 mm (lower).
- Rods projection 20 mm.

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

CONNECTIONS:
- Bluetooth LE 4.0 radio module (integrated into external control modules).
- External control module with RFID reader 13.56 Mhz (ISO 14443A-ISO 14443B) Classic Mifare, Plus, Desfire).
- External control module with backlit keypad and RFID reader 13.56 Mhz (ISO 14443A-ISO 14443B), Classic Mifare, Plus, Desfire.
- Two button internal control module (encrypted communication).
- Opto-isolated opening control 8-30 VDC/VAC.
- Power from 8 to 30 VDC 30W.

RELAY STATUS SIGNAL CONFIGURABLE FROM THE APP:
- Door secured (in frame door + deadbolts and latch-bolt out) .
- Opening control for motorised door operator.

SOFTWARE:
- Argo app for smartphone.
- Free and available for iOS and Android devices.
- OEM development platform available via SDK.

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

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

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

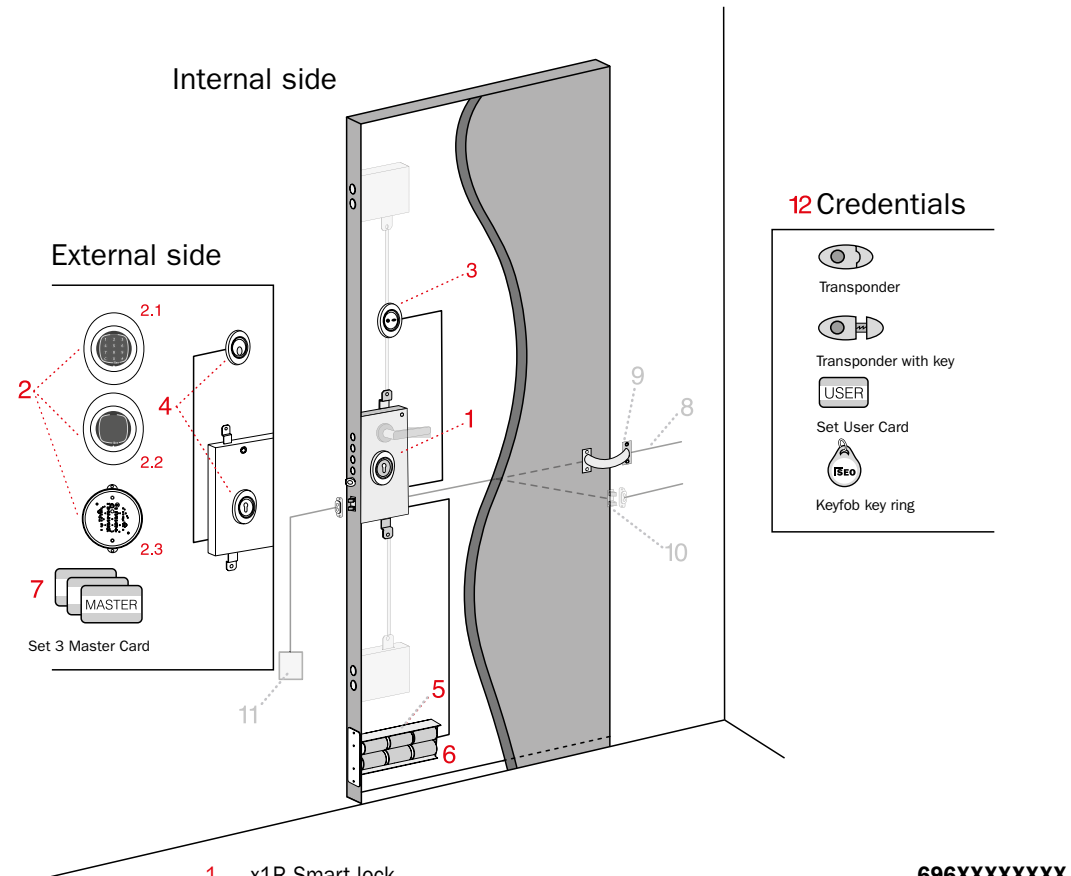**REFERENCE STANDARDS UNI EN 14846:2008**
- Classification 3M800M711.

OPTIONS AND VERSIONS:
- Standard or with "Single Action" quick opening device.
- Rim or mortice version.
- 3 pistons (37 mm) and 4 pistons (28 mm).
- Bolt projection 3 mm or 13 mm.
- Battery operated (with mains electricity power supply optional).
- Mains electricity (with optional back-up batteries).
- Connection through 8-pole multifunction cables.
- Remote control connection through bipolar cable and adjustable door contact.
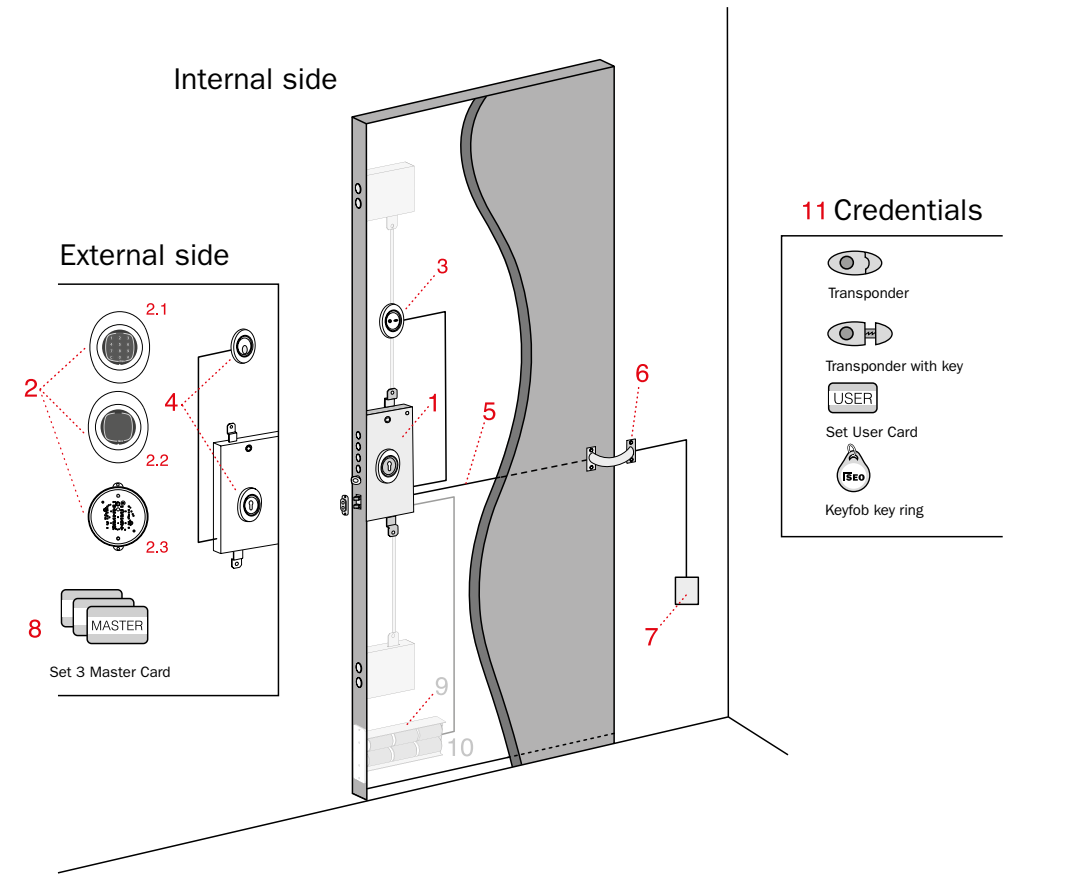
x1R Smart
INSTALLATION SCHEMES

BATTERY OPERATED
EXTERNAL POWER SUPPLY UNIT (OPTIONAL)

Internal side

External side

12 Credentials

Transponder

Transponder with key

USER

Set User Card

Keyfob key ring

7 MASTER

Set 3 Master Card

1.	x1R Smart lock	**696XXXXXXXX**
2.	External control module	
	2.1 Keypad + RFID Reader + Bluetooth	**98PB0696**
	2.2 RFID Reader + Bluetooth	**98TB0696**
	2.3 Hidden RFID Reader and Bluetooth	**98NB0696**
3.	Two-button internal control module	**98PI0696**
4.	Escutcheons with various finishes	**98NXXXX**
5.	Battery holder	**5820069600005**
6.	Kit 6 alcaline batteries	**5820060000006**
7.	Master Card set Code	**5E402009.3**
8.	Bipolar connection cable for remote control (optional)	**98CR0696**
9.	Spring concealer lead cover (optional)	
10.	Adjustable door contact (optional)	**98M02170**
11.	Power supply unit (optional)	**58700069603809**
12.	Credentials	

MAINS ELECTRICITY POWER SUPPLY
BACK-UP BATTERIES (OPTIONAL)

Internal side

External side

11 Credentials

Transponder

Transponder with key

USER

Set User Card

Keyfob key ring

8 MASTER

Set 3 Master Card

1.	x1R Smart lock	**696XXXXXXXX**
2.	External control module	
	2.1 Keypad + RFID Reader + Bluetooth	**98PB0696**
	2.2 RFID Reader + Bluetooth	**98TB0696**
	2.3 Hidden RFID Reader and Bluetooth	**98NB0696**
3.	Two-button internal control module	**98PI0696**
4.	Escutcheons with various finishes	**98NXXXX**
5.	8-pole multifunction connection cable	**98MP0696**
6.	Spring concealer lead cover (optional)	
7.	Power supply unit (optional)	**58700069603809**
8.	Master Card set	**5E402009.3**
9.	Battery holder (optional)	**5820069600005**
10.	Kit 6 alkaline batteries (optional)	**5820060000006**
11.	Credentials	

x1R Smart
SINGLE ACTION INSTALLATION SCHEMES

x1R Smart
SINGLE ACTION INSTALLATION SCHEMES

BATTERY OPERATED
EXTERNAL POWER SUPPLY UNIT (OPTIONAL)

Internal side

External side

11 Credentials

Transponder

Transponder with key

USER

Set User Card

Keyfob key ring

6 MASTER

Set 3 Master Card
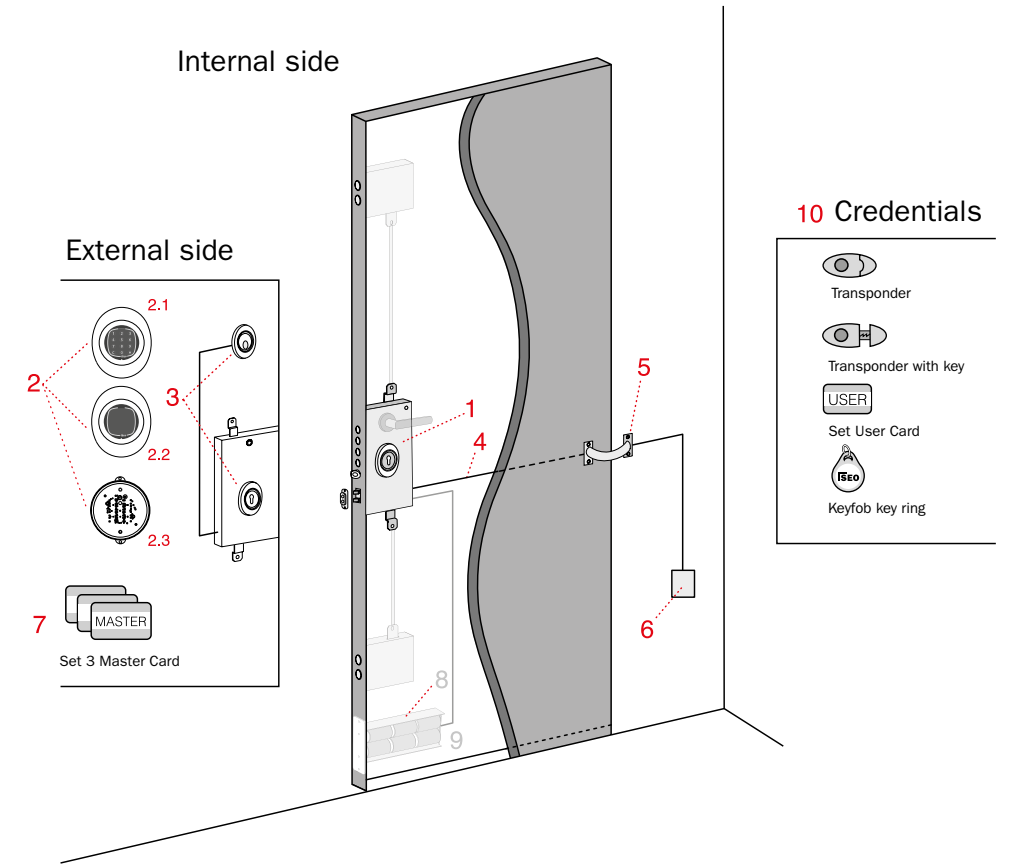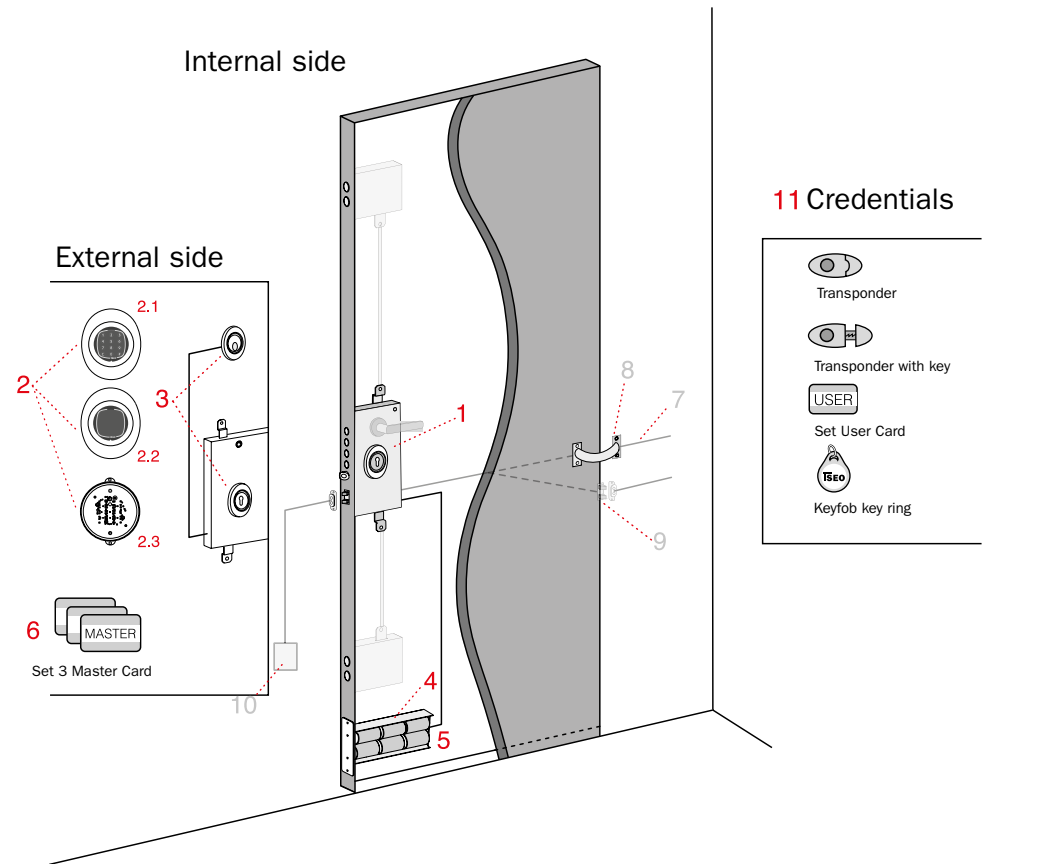
1.	x1R Smart lock		**699XXXXXXXX**
2.	External control module		
	2.1 Keypad + RFID Reader + Bluetooth		**98PB0696**
	2.2 RFID Reader + Bluetooth		**98TB0696**
	2.3 Hidden RFID Reader and Bluetooth		**98NB0696**
3.	Escutcheons with various finishes		**98NXXXX**
4.	Battery holder		**5820069600005**
5.	Kit 6 alcaline batteries		**5820060000006**
6.	Master Card set		**5E402009.3**
7.	Bipolar connection cable for remote control (optional)		**98CR0696**
8.	Spring concealer lead cover (optional)		
9.	Adjustable door contact (optional)		**98MO2170**
10.	Power supply unit (optional)		**58700069603809**
11.	Credentials		

MAIN ELECTRICITY POWER SUPPLY
BACK-UP BATTERIES (OPTIONAL)

Internal side

External side

10 Credentials

Transponder

Transponder with key

USER

Set User Card

Keyfob key ring

7 MASTER

Set 3 Master Card

1.	x1R Smart lock		**699XXXXXXXX**
2.	External control module		
	2.1 Keypad + RFID Reader + Bluetooth		**98PB0696**
	2.2 RFID Reader + Bluetooth		**98TB0696**
	2.3 Hidden RFID Reader and Bluetooth		**98NB0696**
3.	Escutcheons with various finishes		**98NXXXX**
4.	8-pole multifunction connection cable		**98MP0696**
5.	Spring concealer lead cover (optional)		
6.	Power supply unit		**58700069603809**
7.	Master Card set		**5E402009.3**
8.	Battery holder (optional)		**5820069600005**
9.	Kit 6 alcaline batteries (optional)		**5820060000006**
10.	Credentials		

x1R Smart

RIM VERSION

Motorised electronic lock with European profile cylinder.
Deadbolts in chrome-plated steel ø 18 mm, projection 30 mm.
Reversible latchbolt ø 20 mm, adjustable projection.
Handle follower 8 mm for latchbolt operation.
Top and bottom attachments for rods for additional closures.
Rim fixing with 4 passing screws or screw nuts.
Set up for M6 passing screws for cylinder protection fixing.
Reversible door sensor with adjustable projection, including alignment device.
Supplied with: lock, door sensor, cylinder fixing screws, assembly instructions.

Smart

	Code
4 DEADBOLTS. Projection 3. Centre distance 28.	**6960328050**
4 DEADBOLTS. Projection 13. Centre distance 28.	**6961328050**
3 DEADBOLTS. Projection 3. Centre distance 37.	**6960337050**
3 DEADBOLTS. Projection 13. Centre distance 37.	**6961337050**

Smart **SINGLE ACTION** with quick release via the handle.

	Code
4 DEADBOLTS. Projection 3. Centre distance 28.	**6990328050***
4 DEADBOLTS. Projection 13. Centre distance 28.	**6991328050**
3 DEADBOLTS. Projection 3. Centre distance 37.	**6990337050**
3 DEADBOLTS. Projection 13. Centre distance 37.	**6991337050**

* INOX VERSION ON REQUEST
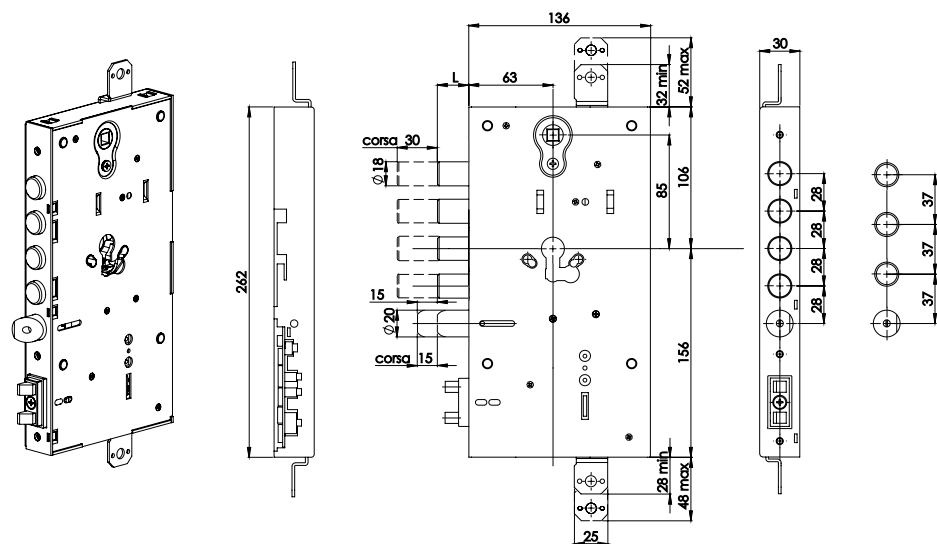
x1R Smart

MORTICE VERSION

Motorised electronic lock with European profile cylinder.
Deadbolts in chrome-plated steel ø 18 mm, projection 30 mm
Reversible latch ø 20 mm, adjustable projection.
Handle follower 8 mm for latchbolt operation.
Top and bottom attachments for rods for additional closures.
Mortice fixing with front plate in chrome-plated steel mm 410x35x3.
Set up for M6 passing screws for cylinder protection fixing.
Reversible door sensor with adjustable projection, including alignment device.
Supplied with: lock, door sensor, cylinder fixing screws, assembly instructions.

Smart

	Code
4 DEADBOLTS. Centre distance 28.	**6960028050**
3 DEADBOLTS. Centre distance 37.	**6960037050**

Smart **SINGLE ACTION** with quick release via the handle

	Code
4 DEADBOLTS. Centre distance 28.	**6990028050***
3 DEADBOLTS. Centre distance 37.	**6990037050**

* INOX VERSION ON REQUEST
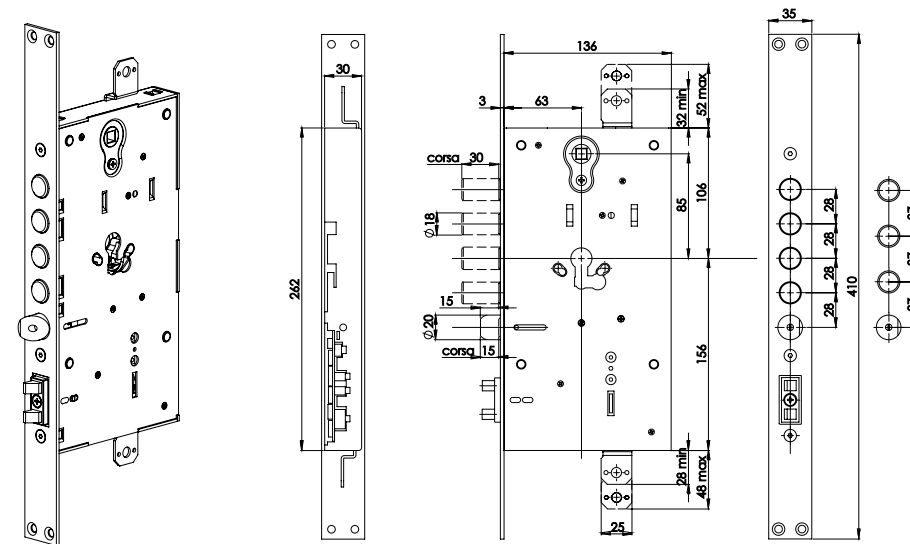
x1R Smart

x1R Smart READERS AND CREDENTIALS
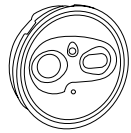
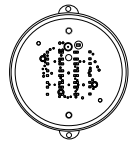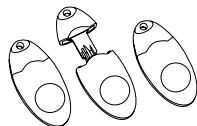|		Code
2-Button internal control module. Compatible with x1R Smart, includes connection cable L 60 cm.		
Encrypted data communication protocol		98PI0696
External control module with **RFID Reader 13.56 Mhz and Bluetooth 4.0 LE.** Compatible with x1R Smart, includes pair of connection cables L 100 mm.		
Encrypted data communication protocol		98TB0696
External control module **with keyboard,** **RFID Reader 13.56 Mhz and Bluetooth 4.0 LE** compatible with x1R Smart. Includes pair of connection cables L 100 mm.		
Encrypted data communication protocol		98PB0696
Hidden RFID Reader and Bluetooth. Compatible with x1R Smart.		
		98NB0696
Master Card Set 3 cards (#1, #2, #3). ISO 14443/A chip. Package: 3 cards, operating instructions.		
Iseo Logo		5E402009.3
Blank on both sides		5E402019.3
User Cards - ISO 14443/A chip.		
Iseo Logo		5E402001.A
Blank on both sides		5E402011
Transponder Iseo 13,56 Mhz.		
Only transponder (red)		XKEY006960000
Only transponder (grey)		XKEY006960200
3 transponders (red)		XKEY016960000
3 transponders (grey)		XKEY016960200
User **KEYFOB** Transponder. Mifare 13,56 Mhz 1K ISO 14443/A chip.		
With ISEO logo		KEYFOB1356MF1
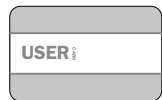
MASTER¡

USER¡

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x1R Smart

x1R Smart POWER SUPPLY UNITS AND CABLES
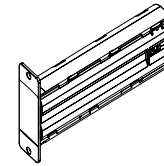
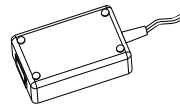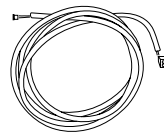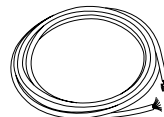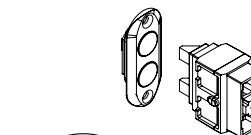|		Code
Battery holder in black nylon for 6 d-type batteries. Compatible with x1r smart supplied with bipolar connection.		
Cable L 240 cm. (batteries not provided)		5820069600005
6 D-type batteries 1.5V.		
Alkaline		5820060000006
Power supply unit 9 V - 4 a for direct power.		
Compatible with x1R SMART with connection cable		5870069603809
Bipolar connection cable for remote control.		
L 450 cm compatible with x1R SMART		98CR0696
8-Pole multifunction connection cable L 450 cm for remote control, door status, Direct power and lockbus communication.		
Compatible with x1R Smart		98MP0696
Adjustable door contact kit for remote control includes bipolar connection cable l 200 cm and door contact.		
Compatible with x1R SMART		98MO2170

x1R Smart

x1R Smart **Accessories** — Code

132
47
M6
223
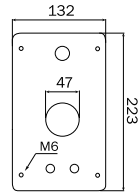
Fixing plate in steel 3 mm thickness.
4 Fixing holes M6.

99069800

30
194
28 28 28 28 / 28 28 28 28
37 37 37 37
16
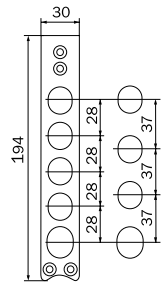
Striking plate cover in chrome-plated steel.

	Code
L = 28 mm	**2000006980028**
L = 37 mm	**2000006980037**

28
25
Ø21
Ø15
68
Ø5,1
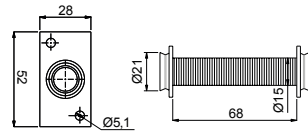
Cable passage flexible, flush version.

L=68. For openings up to 180° — **0000060130000**

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249 225
16 / 8 8
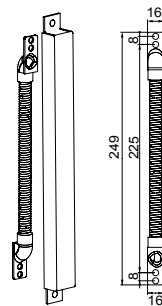
Cable passage flexible, **flush version** L = 260 mm.
For openings up to 90°.

Compatible with Thesis, Top Exit DGT, x1R. — **0000881000000**

Concealer lead cover external, flexible, Rim version L = 300 mm.

Opening until 180° — **94403010E**

13,1 28,1 36,9 23,8 X2 10,5 300 10,5

Concealer lead cover external, flexible, Rim version L = 450 mm.

Opening until 180° — **FXAGFA45D900000**

13,1 28,1 36,9 23,8 X2 10,5 450 10,5

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x1R Smart **Accessories** — Code

Universal single escutcheons made of a nylon base, brass cover and fixing screw.

	Code
Bronze plated	**98N0XBRO**
Polished chrome	**98N0XCRL**
Satin chrome	**98N0XCRS**
Polished brass varnished	**98N0XOLV**
Bronze plated	**98N1DBRO**
Polished chrome	**98N1DCRL**
Satin chrome	**98N1DCRS**
Polished brass varnished	**98N1DOLV**
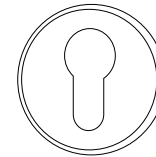
Nylon insert for European profile cylinder.

98N00CIL

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38 25 8 n°2 fori M6 Ø46
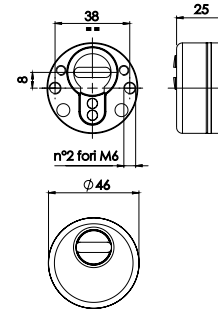
EKOS - Escutcheons and cylinders protection in zinc alloy with anti-drill balls, setting system.

	Code
Latch projection 24 mm - polished chrome	**98114624**
Latch projection 24 mm - polished brass varnished	**98124624**
Latch projection 24 mm - satin chrome	**98134624**
Latch projection 24 mm - bronze plated	**98144624**
Spacer - projection 5 mm	**98460005**
Anti-snatch spacer - projection 5 mm	**98550006**

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38 25 8 n°2 fori M6 Ø46

ONE - Escutcheons and cylinders protection in tempered steel, included fixing screw M6.

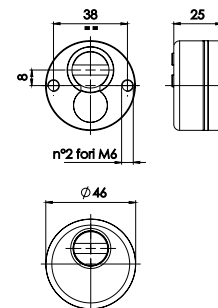|	Code
Latch projection 24 mm - black varnished	**98014624**
Latch projection 24 mm - polished brass varnished	**98024624**
Latch projection 24 mm - satin chrome	**98034624**
Latch projection 24 mm - polished chrome	**98044624**

Stylos Smart

The Credential reader Stylos Smart of ISEO Zero1 product range can be easily rekeyed with a Bluetooth Smart Ready phone: cards, tags or phones can be intuitively added or deleted using Argo, the ISEO smartphone application running on iOS or Android.

KEY POINTS

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

The readers can be provided in two versions:
- for indoors
- for outdoors (IP66).

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

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

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

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

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

Lost or stolen keys can be quickly deleted with Argo, an intuitive smartphone application available for:
- iOS from iPhone 4S with iOS 7
- Android from version 4.3 (Jelly Bean) featuring Bluetooth Smart Ready hardware

MAIN FUNCTIONS

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

Stylos Smart

STYLOS CREDENTIAL READER TECHNICAL SPECIFICATIONS

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

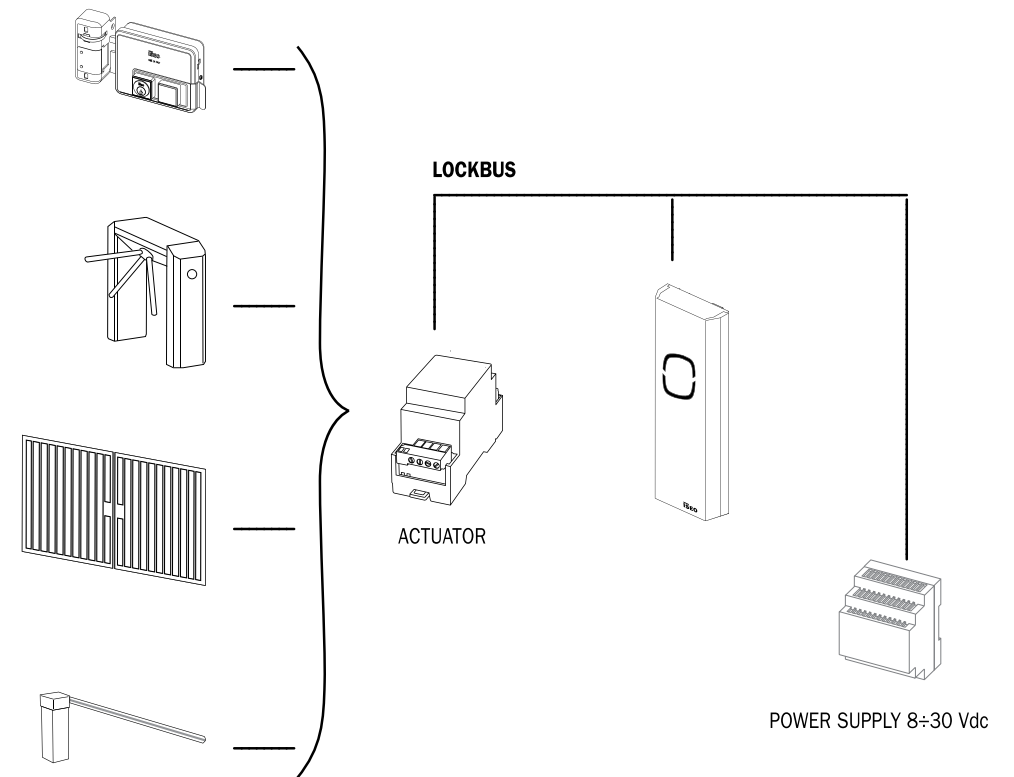|	
Interfaces	Bluetooth Smart
	RFID and Near Field Magnetic Communication
	Lockbus
Real Time Clock/Calendar	
Power supply	8Vdc to 30Vdc
Software (Firmware)	On-site upgrading
Signals	**Led Version**
	3-colour series green, red, blue
	Acoustic buzzer
	Display and keypad version
	Graphic display - O-led 128x64 dots
	Acoustic buzzer
Keyboard	12 buttons with backlight controlled from firmware.
Mounting:	Wall mounting (Spacer available)
Environmental features:	Operating temperature: -20°C÷ +60°C
	Storage temperature: -25°C ÷ +75°C.
IP Protection grade	IP66 (version for outdoors)
Dimensions (HxLxD)	130 x 47,5 x 17,5 mm

STYLOS CREDENTIAL READER TECHNICAL SPECIFICATIONS

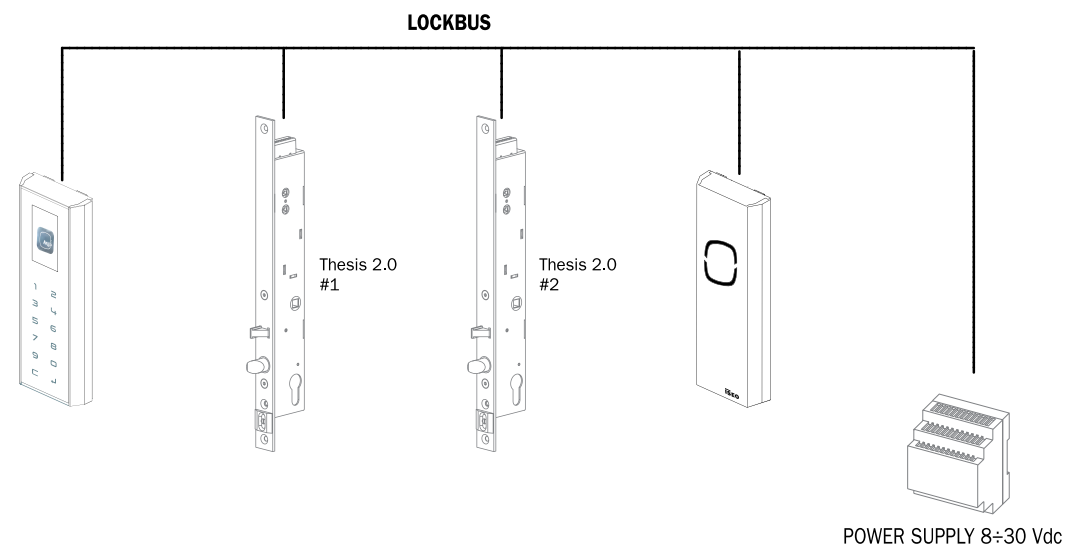|	
Power supply:	8Vdc to 30Vdc.
Firmware:	On-site upgrading.
Inputs	3 Inputs (1 digital, 1 analogic and 1 digital or analogic).
Outputs	1 relay (24V 1A) + 1 booster (for direct electric lock).
Operating temperature	0°C÷ +50°C
Storage temperature	-25°C ÷ +75°C.
Box	for DIN35 rail.

Lockbus

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

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

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

Stylos Smart

ELECTRICAL DEVICES INSTALLATION

LOCKBUS

ACTUATOR

POWER SUPPLY 8÷30 Vdc

INTERLOCKED DOORS INSTALLATIONS

LOCKBUS

Thesis 2.0 #1

Thesis 2.0 #2

POWER SUPPLY 8÷30 Vdc

ISEO®

G.D.Rutter

GDR Architectural

Version 3