

BERNINI



PANIC BARS

CE Marking

IN ACCORDANCE WITH 1125:1997/A1:2001

Exclusive PININFARINA design
Full adaptability in application
Quick and easy installation
Reliable and safe performance
Tested up to 2.000.000 cycles



GB 03/2006

AV SAVIO
by
pininfarina

Pininfarina design, a new standard

BERNINI: push-bar type panic devices

Conforming to European UNI EN 1125 standard and with top level CE marking BERNINI has revolutionised the market for traditional panic bars. Ergonomic and attractive, bearing the exclusive PININFARINA signature, totally versatile application (horizontal or vertical, with three locking points, on wood, iron, aluminium or PVC doors); non-handed and easy to mount for rapid installation; refined finishes - BERNINI is without doubt the most innovative response to the demands of an expanding market.

Savio technology... for panic devices

Savio technology inside, Pininfarina design outside - the evolution of the species.

For some years now, Savio has entrusted the design of its most important products to the creative talent of PININFARINA, one of the world's most famous and innovative industrial designers. The result is a successful combination of performance and style, ergonomics and appearance, translating into added value able to satisfy even the most demanding customers. BERNINI confirms the absolute quality of this fruitful collaboration, with exclusive shapes and the correct balance between weight and size, accentuating the performance and technological reliability and making the products suitable for all settings.



A detail of the R&D centre at Chiasso Savio Micheli.



Technical characteristics

Style and colour for all settings

The exclusive line of new Bernini panic bars transforms a functional object into an interior design accessory, capable of fitting in perfectly anywhere and everywhere. In particular, the perspective effect of the "T" coverplates combines robustness and elegance, with precise shapes, balanced dimensions and no projections.

Particular attention has been paid to the range of finishes, both in terms of the technical characteristics of the coatings and the "T" coverplate/bar colour combinations (as described below) making it possible to create a series of refined configurations.

As well as guaranteeing unbeatable durability, fitting a Bernini panic bar in an office building, a multi-screen cinema, a gym or an airport also means fitting a high added value product, untouched by the vagaries of fashion, a benchmark in the industrial design of Pininfarina.



GREY and INOX



GREY and RED



GREY and GREEN



BLACK and INOX



BLACK and RED



BLACK and GREEN

WHITE and INOX

WHITE and RED

WHITE and GREEN

2.000.000 cycles

Products listed in the certificate guarantee a high number of operating cycles (200.000 cycles), making them suitable for frequent use. These figures, together with other important factors enabling the performance of the product to be evaluated, are given below:

37601422A

The various grades obtainable are:
(BERNINI grades in bold)

Category of use

Grade 3: high frequency of use by public

Durability:

Grade 6: 100.000 Opening/closing cycles

Grade 7: 200.000 opening/closing cycles

Door mass:

Grade 5: up to 100 kg

Grade 6: up to 200 kg

Fire resistance, for application on fire/smoke door assemblies:

Grade 0: not suitable

Grade 1: suitable

Safety:

Grade 1: the panic bar is safe for the user

Corrosion resistance:

Grade 3: high resistance (96 hours in salt spray)

Grade 4: very high resistance (240 hours in salt spray)

Security:

Grade 2: guarantees a good grade of security without compromising operation of the panic device

Projection of bar:

Grade 1: up to 150 mm

Grade 2: up to 100 mm

Type of bar operation:

Type A = panic device with push-bar operation

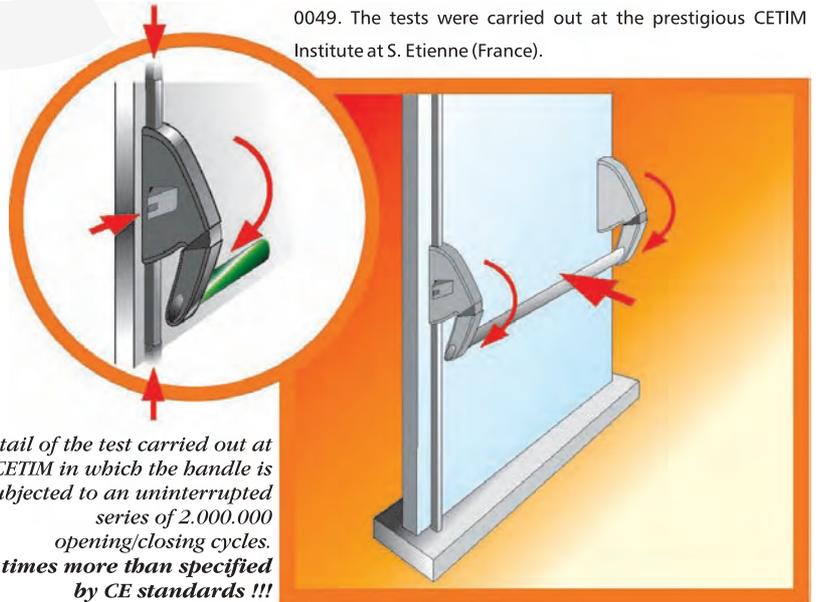
Type B = panic device with touch-bar operation

The EN 1125:97 + A1:2001 standard certifies products for application on doors with a maximum width of 1300 mm and a maximum height of 2500 mm.

For larger doors, the product cannot be certified. (6000.B/1500, 6000.721).

**Certified safety, top performance:
The reliability of innovation.**

BERNINI has been verified in accordance with EN 1125:1997/A:2001 - as described in the Official Journal of the European communities C 40/3 of 14/02/2002 - by the French certification institute AFNOR, authorised to grant permission to use the CE marking in Europe. Its identification number is 0049. The tests were carried out at the prestigious CETIM Institute at S. Etienne (France).



Detail of the test carried out at CETIM in which the handle is subjected to an uninterrupted series of 2.000.000 opening/closing cycles. Ten times more than specified by CE standards !!!



BERNINI Push-bar type panic devices

Exclusive PININFARINA design

Thanks to the particular care taken over the design (entrusted to PININFARINA), this product enhances the look of any architectural context.

Full adaptability in application

The complete range covers all possible applications.

Quick and easy installation

Installation is simplified by the use of counterplates, enabling application on standard profiles with, if necessary, final mounting on site. The adjustable latch bolts also make it possible to find the optimum position in case of interference with corner cleats used for sections.

Reliability and safe performance

The high degree of security against attempted break-in, efficiency of the mechanisms and high quality materials and finishes all guarantee excellent durability.

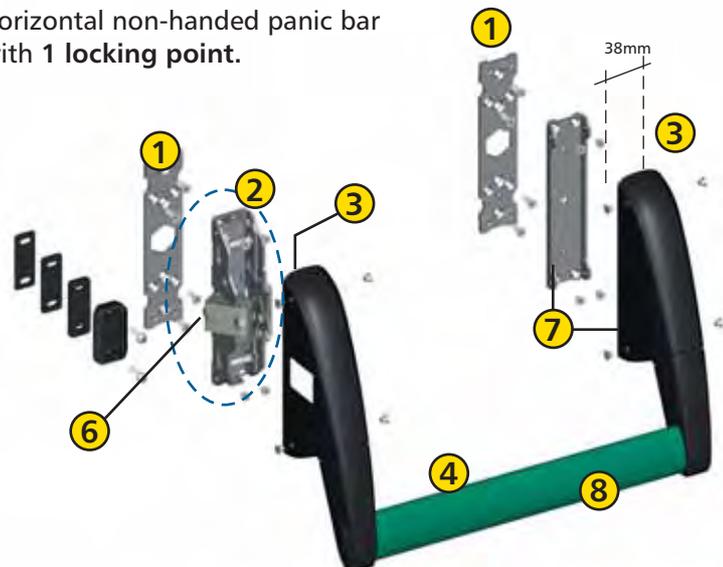
Modular product

The product is available either in a complete single pack or in separate modular kits enabling every user to choose the preferred modular combination.



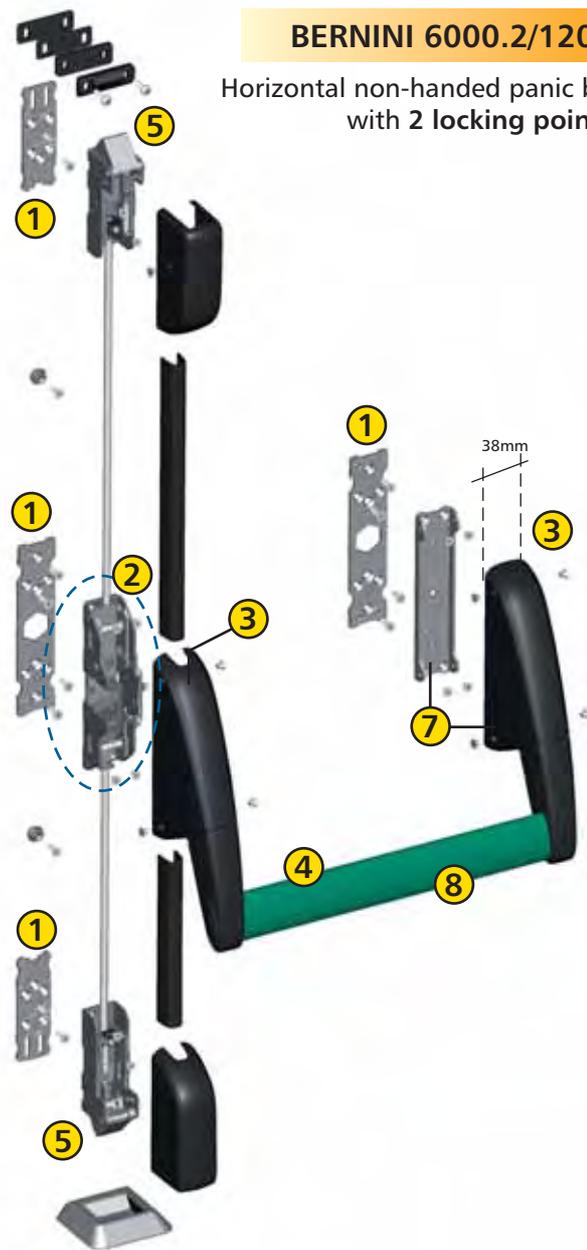
BERNINI 6000.1/1200

Horizontal non-handed panic bar with 1 locking point.



BERNINI 6000.2/1200

Horizontal non-handed panic bar with 2 locking points.



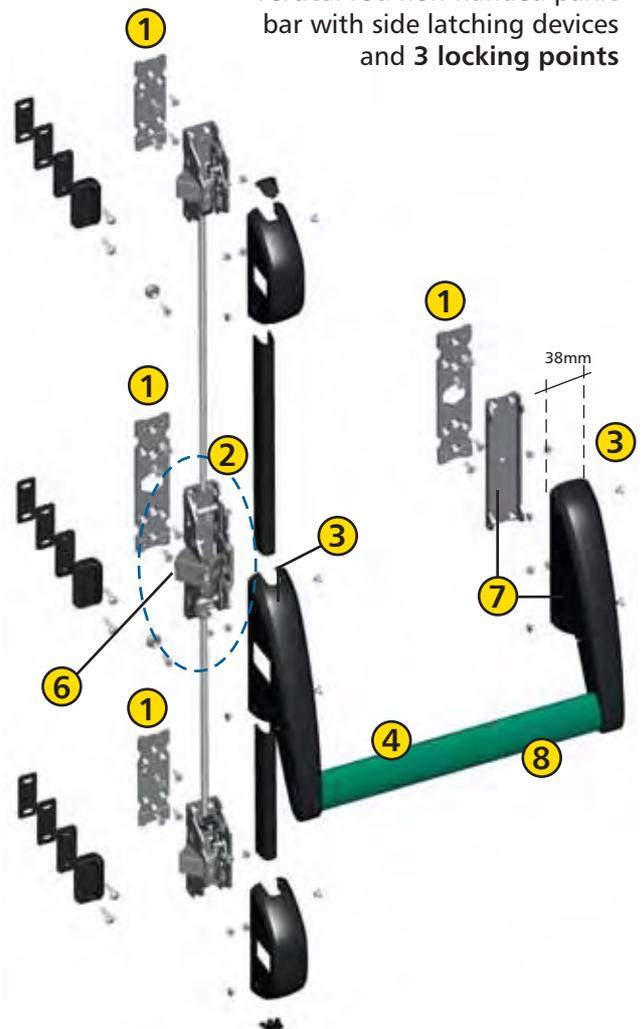
- ① All supports and latch bolts are assembled on steel counterplates (also welded) for quick, easy and secure fastening.
- ② All mechanisms are fully non-handed.
- ③ Compact size (38 mm) to allow mounting even on standard profiles
- ④ Horizontal bars with large elliptical section for better grasping
- ⑤ Adjustable top and bottom latch bolts with burglar-proof device
- ⑥ Central latch bolt with burglar-proof device
- ⑦ Secondary support for inserting the dogging mechanism and microswitch
- ⑧ Slip-in horizontal bar with ample machining tolerances; 40 mm elliptical section made of steel

**FIRST YOU FIT IT,
THEN... YOU FORGET IT**

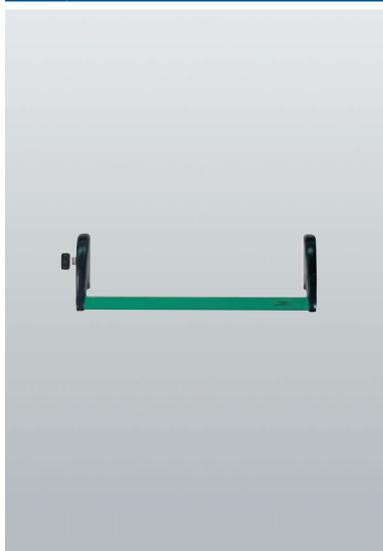
Tested at 2.000.000 cycles -
ten times the level required
by standards!

BERNINI 6000.3/1200

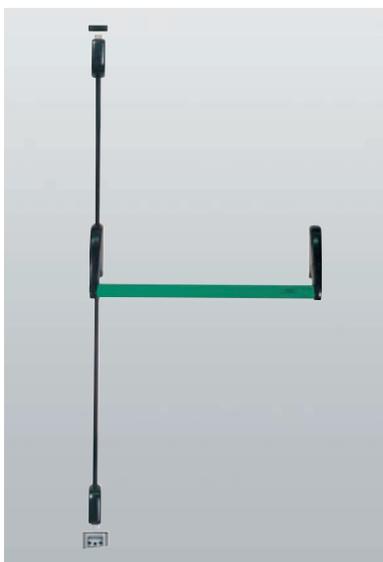
Vertical rod non-handed panic bar with side latching devices and 3 locking points



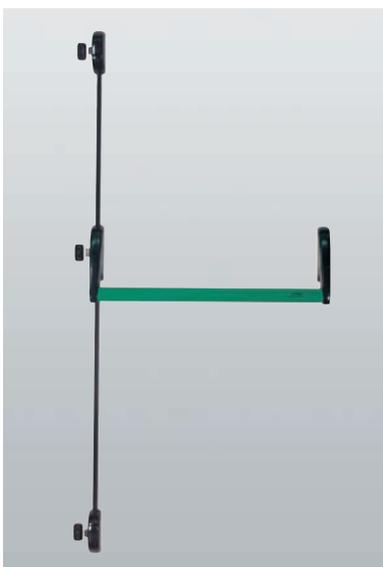
Complete kits



Art.	Description	Pcs.	Finishes
6000.1/1200	(patented) Horizontal non-handed panic bar with 1 locking point in zamak and galvanised steel. Complete with: latch bolt in nickel plated zamak, counterplates in galvanised steel, 1200 bar in painted steel, 1 keeper + 3 spacers in painted zamak, Ø 4.2x13 countersunk screws in black galvanised steel, 2 Ø 4.2x19 socket head screws in black galvanised steel, 16 M4x5 countersunk screws in black galvanised steel. <i>For doors with a clear width of 800 to 1240 mm.</i>	1	3001, 6029



Art.	Description	Pcs.	Finishes
6000.2/1200	(patented) Vertical rod non-handed panic bar with 2 locking points in zamak and galvanised steel. Complete with: counterplates in galvanised steel, 1200 bar in painted steel, 1 floor-mounted keeper in stainless steel, 1 black nylon insert, 1 top rod + 1 bottom rod in aluminium, 1 1395 mm rod cover in painted aluminium, 1 1037 mm rod cover in painted aluminium, 2 adjustable plugs in black galvanised zamak, 1 keeper + 3 spacers in painted zamak, 6 Ø 3.9x13 countersunk screws in white galvanised steel, 8 Ø 4.2x13 countersunk screws in black galvanised steel, 2 Ø 4.2x19 socket head screws in black galvanised steel, 4 Ø 4.2x9.5 socket head screws in black galvanised steel, 22 M4x5 countersunk screws in black galvanised steel. <i>For doors with a max. clear width of 1240 and a max. height of 2450 mm.</i>	1	3001, 6029



Art.	Description	Pcs.	Finishes
6000.3/1200	(patented) Vertical rod non-handed panic bar with 3 locking points in zamak and galvanised steel. Complete with: latch bolt in nickel plated zamak, counterplates in white galvanised steel, 1200 bar in painted steel, 1 top rod + 1 bottom rod in aluminium, 1 1395 mm rod cover in painted aluminium, 1 1037 mm rod cover in painted aluminium, 2 adjustable plugs in black galvanised zamak, 3 keepers + 9 spacers in painted zamak, 10 Ø 3.9x13 countersunk screws in white galvanised steel, 8 Ø 4.2x13 countersunk screws in black galvanised steel, 6 Ø 4.2x19 socket head screws in black galvanised steel, 28 Ø M4x5 countersunk screws in black galvanised steel. <i>For doors with a clear width of 800 to 1240 mm.</i>	1	3001, 6029

*Finishes of articles 6000.1/.2/.3 refer to bar colour only. All other components are with RAL 9005 finish.

Key to finishes		
S = satin-finished stainless steel	6029 = RAL green painted	9006 = silver RAL liquid varnish
3001 = RAL red painted	9005 = RAL black painted	9010 = RAL white painted

Modular items

	<p>Art. 6000.701</p>	<p>Description</p> <p>(patented) Kit with horizontal non-handed supports, one locking point in painted zamak and galvanised steel.</p> <p>Complete with: latch bolt in nickel plated zamak, counterplates in galvanised steel, 1 keeper + 3 spacers in painted zamak, right and left nylon bar caps, 8 Ø. 4.2x13 countersunk screws in galvanised steel, 2 Ø. 4.2x19 socket head screws in galvanised steel, 16 M4x5 countersunk screws in galvanised steel (for finishes 9006/9010: 8 M4x5 countersunk screws in galvanised steel + 8 M4x6 countersunk screws in stainless steel).</p>	<p>Pcs. 1</p>	<p>Finishes 9005, 9006, 9010</p>
	<p>Art. 6000.702</p>	<p>Description</p> <p>(patented) Kit with vertical rod non-handed supports, two locking points in painted zamak and galvanised steel.</p> <p>Complete with: galvanised steel counterplates, right and left nylon bar caps, 8 Ø. 4.2x13 countersunk screws in galvanised steel, 16 M4x5 countersunk screws in galvanised steel (for finishes 9006/9010: 8 M4x5 countersunk screws in galvanised steel + 8 M4x6 countersunk screws in stainless steel)</p>	<p>Pcs. 1</p>	<p>Finishes 9005, 9006, 9010</p>
	<p>Art. 6000.703</p>	<p>Description</p> <p>(patented) Kit with side non-handed supports, three locking points in painted zamak and galvanised steel.</p> <p>Complete with: latch bolt in nickel plated zamak, counterplates in galvanised steel, 1 keeper + 3 spacers in painted zamak, right and left nylon bar caps, 8 Ø. 4.2x13 countersunk screws in galvanised steel, 2 Ø. 4.2x19 socket head screws in galvanised steel, 16 M4x5 countersunk screws in galvanised steel (for finishes 9006/9010: 8 M4x5 countersunk screws in galvanised steel + 8 M4x6 countersunk screws in stainless steel).</p>	<p>Pcs. 1</p>	<p>Finishes 9005, 9006, 9010</p>
	<p>Art. 6000.B/860</p> <p>6000.B/1200</p> <p>6000.B/1500</p>	<p>Description</p> <p>Horizontal 860 mm bar in painted or stainless steel. For doors with leaf up to 900 mm</p> <p>Horizontal 1200 mm bar in painted or stainless steel. For doors with leaf up to 1240 mm</p> <p>Horizontal 1500 mm bar in painted or stainless steel. For doors with leaf up to 1540 mm</p> <p><i>Note: Finish "S" = SATIN FINISHED STAINLESS STEEL</i></p>	<p>Pcs. 1</p> <p>1</p> <p>1</p>	<p>Finishes 3001, 6029, S</p> <p>3001, 6029, S</p> <p>3001, 6029, S</p>
	<p>Art. 6000.720</p>	<p>Description</p> <p>Standard vertical rods: 1 top rod in aluminium + 1 bottom rod in aluminium + 1 1037 mm rod cover in painted aluminium + 1 1395 mm rod cover in painted aluminium <i>For doors up to 2450 mm high</i></p>	<p>Pcs. 1</p>	<p>Finishes 9005, 9006, 9010</p>
	<p>Art. 6000.721</p>	<p>Description</p> <p>Vertical rods: 1 top rod in aluminium + 1 bottom rod in aluminium + 1 1037 mm rod cover in painted aluminium + 1 2045 mm rod cover in painted aluminium + 1 adjustable plug in galvanised zamak + 1 Ø 3.9x13 countersunk screw in galvanised steel. <i>For doors from 2450 mm to 3100 mm high</i></p>	<p>Pcs. 1</p>	<p>Finishes 9005, 9006, 9010</p>

Key to finishes

S = satin-finished stainless steel	6029 = RAL green painted	9006 = silver RAL liquid varnish
3001 = RAL red painted	9005 = RAL black painted	9010 = RAL white painted

Modular items

Art.	Description	Pcs.	Finishes
6000.730	(patented) Kit with top / bottom latch bolts in painted zamak and galvanised steel, nickel plated latch bolt. Including: fastening counterplates in galvanised steel, 1 floor-mounted keeper in stainless steel + 1 black nylon insert, 2 adjustable plugs in galvanised zamak, 1 keeper + 3 spacers in painted zamak, 6 countersunk head screws Ø 3.9x13 in white galvanised steel, 4 cap screws Ø 4.2x9.5 in galvanised steel, 2 cap screws Ø 4.2x19 in galvanised steel, 6 countersunk head screws M4x5 in white galvanised steel (for finishes 9006/9010: 4 countersunk head screws M4x5 in black galvanised steel + 2 countersunk head screws M4x6 in stainless steel).	1	9005, 9006, 9010
6000.735	(patented) Kit with top /side latch bolts in painted zamak and galvanised steel, nickel plated latch bolt. Including: fastening counterplates in galvanised steel, 2 adjustable plugs in galvanised zamak, 2 keepers + 6 spacers in painted zamak, 8 countersunk head screws Ø 3.9x13 and 9 countersunk head screws M4x5 in white galvanised steel, 2 cap screws Ø 4.2x9.5 and 4 cap screws Ø 4.2x19 in galvanised steel (finishes 9006/9010: 6 countersunk head screws M4x5 in black galvanised steel + 3 countersunk head screws M4x6 in stainless steel).	1	9005, 9006, 9010
6000.740	(patented) Kit with side latch bolts in painted zamak and galvanised steel, nickel plated latch bolt. Including: fastening counterplates in galvanised steel, 2 keepers + 6 spacers in painted zamak, 2 adjustable through-guides in galvanised zamak, 10 countersunk head screws Ø 3.9x13 and 4 cap screws Ø 4.2x19 in galvanised steel, 12 countersunk head screws M4x5 in black galvanised steel (for finishes 9006/9010: 8 countersunk head screws M4x5 in galvanised steel + 4 countersunk head screws M4x6 in stainless steel).	1	9005, 9006, 9010

PUSH PAD range (These articles are in accordance with EN 179:1997/A1:2001)

Art.	Description	Pcs.	Finishes
6000.751	(patented) Support for horizontal latching device with one push-pad in painted zamak and galvanised steel, nickel plated latch bolt. Complete with: fastening counterplates in galvanised steel, 93 mm painted steel bar, 1 keeper + 3 spacers in painted zamak, right and left nylon bar caps, 4 countersunk head screws Ø 4.2x13, 2 cap screws Ø 4.2x19 and 8 countersunk head screws M4x5 in galvanised steel.	1	9005
6000.752	(patented) Support for vertical latching device, push-pad in painted zamak and galvanised steel. Complete with: galvanised steel fastening counterplate, 93 mm painted steel bar, nylon right and left bar caps, 4 countersunk head screws Ø 4.2x13 and 8 countersunk head screws M4x5 in galvanised steel. For the correct application, see fitting instructions inserted into single article packaging.	1	9005

Outside access devices

Art.	Description	Pcs.	Finishes
6000.870	External access device, handle only, in painted zamak and galvanised steel, painted die-cast aluminium grip, square spindle in galvanised steel, 1 socket head cap screw M5x30 in white galvanised steel + 2 countersunk head screws M5x80 in black galvanised steel.	1	9005, 9006, 9010

Key to finishes

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3001 = RAL red painted	9005 = RAL black painted	9010 = RAL white painted

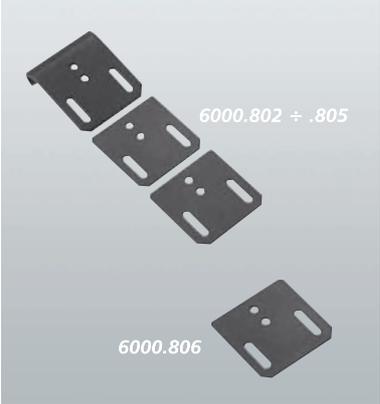
Outside access devices

	Art.	Description	Pcs.	Finishes
	6000.873	External access device, idle handle, in painted zamak and galvanized steel, handle grip in zamak, europaean-shaped cylinder on grip, with different key combinations , 3 nickel plated keys, squared spindle in white galvanized steel, 2 countersunk head screw M5x80 in galvanized steel.	1	9005, 9006, 9010
	6000.874	Like 6000.873 but with europaean-shaped cylinder with single key combination .	1	9005, 9006, 9010
	Art.	Description	Pcs.	Finishes
	6000.875	External access device, idle handle, in painted zamak and galvanized steel, painted die-cast aluminium grip, europaean profile cylinder with different key combinations + 3 nickel plated keys, square spindle in white galvanized steel, 1 socket head cap screw M5x30 in white galvanized steel + 2 countersunk head screws M5x80 in black galvanized steel. With "cylinder unlocked key retention device".	1	9005, 9006, 9010
	6000.876	Like 6000.875 but without cylinder.	1	9005, 9006, 9010
	6000.877	Like 6000.875 but with europaean-profile cylinder with single key combination .	1	9005, 9006, 9010

*The "cylinder unlocked key retention device" prevents extraction of the key with the cylinder released.
The cylinder must therefore be engaged before the key can be removed.*

	Art.	Description	Pcs.	Finishes
	6000.880	Outside access device in painted zamak and galvanized steel, fixed handle with knob, europaean profile cylinder with different key combinations + 3 nickel plated keys, square spindle in galvanized steel, 2 countersunk head screws M5x80 in black galvanized steel. Preferably for use with the 1 locking point version.	1	9005, 9006, 9010

Supplementary items

	Art.	Description	Pcs.	Finishes
	6000.802	Kit of keepers for horizontal or side latching device, for PVC (20 mm rabbet and more) and wood. Complete with: 1 keepers and 2 spacers in painted steel.	5	
	6000.803	Like 6000.802 but with rabbet less than 20 mm.	5	
	6000.804	Kit of keepers for vertical latching device, for PVC (20 mm rabbet and more) and wood. Complete with: 1 keepers and 2 spacers in painted steel.	5	9005, 9006, 9010
	6000.805	Like 6000.804 but with rabbet less than 20 mm.	5	
	6000.806	1.5 mm spacer in painted steel.	40	
	Art.	Description	Pcs.	Finishes
	6000.810	Supplementary lateral locking device in painted zamak and galvanized steel, latch bolt in nickel plated zamak, 1 keeper + 3 spacers in painted zamak, counterplate and 4 countersunk head screws Ø 3.9x13 in white galvanized steel, 2 cap screws Ø 4.2x19 and 6 countersunk head screws M4x5 in black galvanized steel (finishes 9006/9010: 4 countersunk head screws M4x5 in black galvanized steel + 2 countersunk head screws M4x6 in stainless steel). For the correct application, see fitting instructions inserted into single article packaging.	1	9005, 9006, 9010

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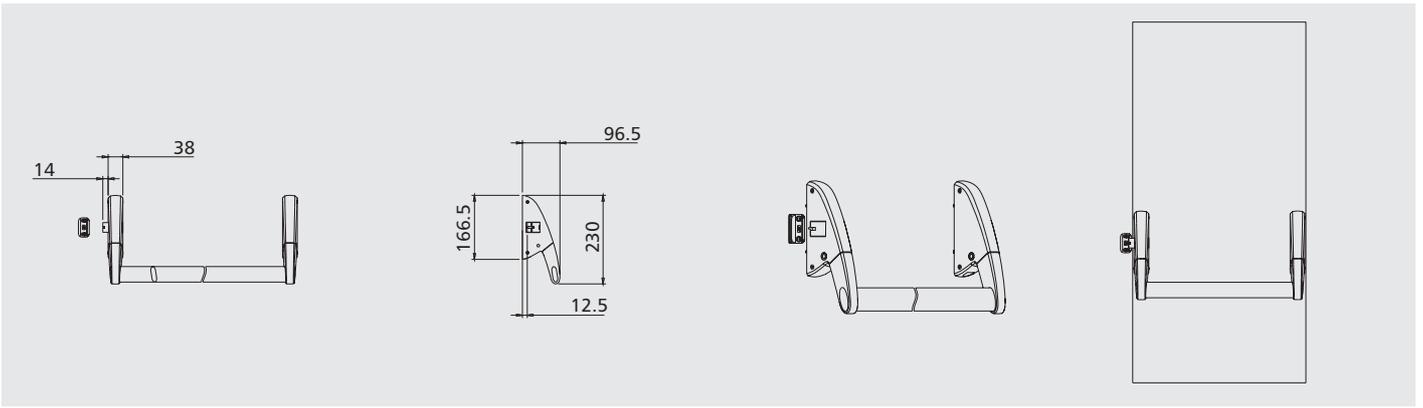
Supplementary items

Art.	Description	Pcs.	Finishes
	6000.820 Electric strike with cover in painted zamak, bottom plate in galvanised steel, 4 cap screws Ø 3.9x25 in white galvanised steel, black nylon spacers. <i>For the correct application, see fitting instructions inserted into single article packaging.</i>	1	9005, 9006, 9010
	6000.830 Dogging mechanism in black nylon and zamak.	1x5	
	6000.840 Intermediate support in painted zamak, fastening counterplate in galvanised steel, 4 countersunk head screws Ø 4.2x13 in galvanised steel, 8 black galvanised countersunk head screws M4x5 (for finishes 9006/9010: 4 galvanised countersunk head screws M4x5 + 4 stainless steel countersunk head screws M4x6).	1	9005, 9006, 9010
	6000.842 1 Microswitch + 1 black nylon support + 1 cap screw Ø 2.2x13 + 1 BZ scap screw Ø 3.9x9,5 in black galvanised steel.	1x5	
	6000.843 Adjustable through-guides in galvanised zamak + 1 countersunk head screws Ø 3.9x13 in black galvanised steel.	20	
	6000.890 BERNINI exit sign plate.	10	

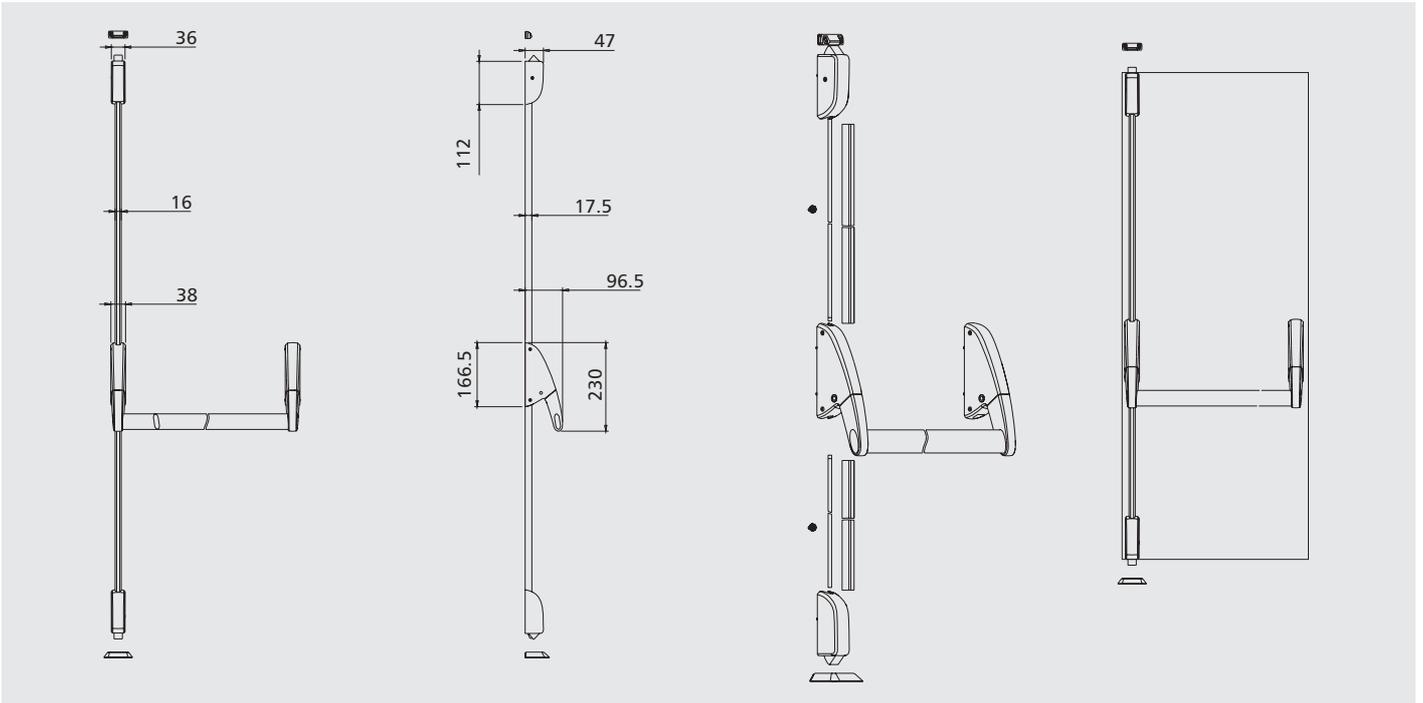
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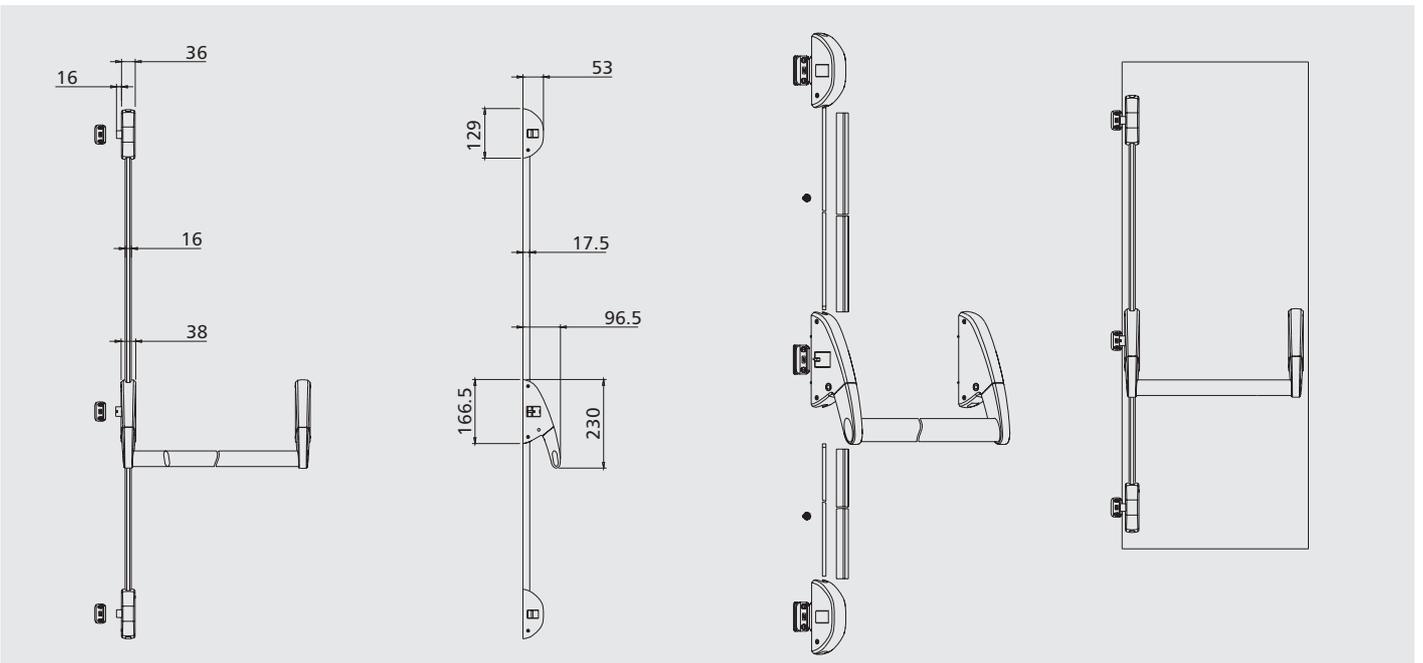
6000.1/1200



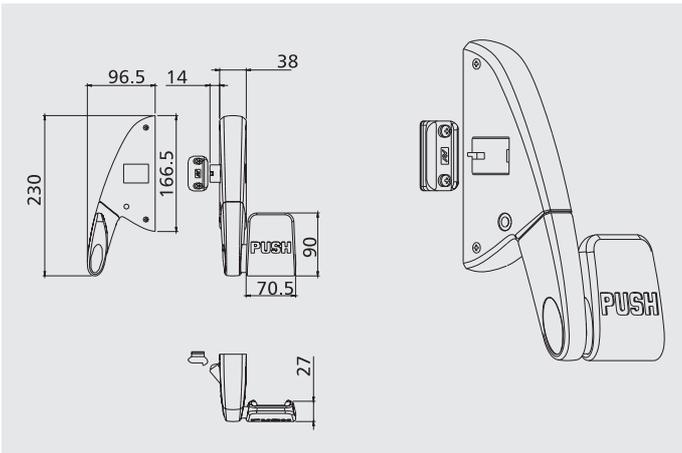
6000.2/1200



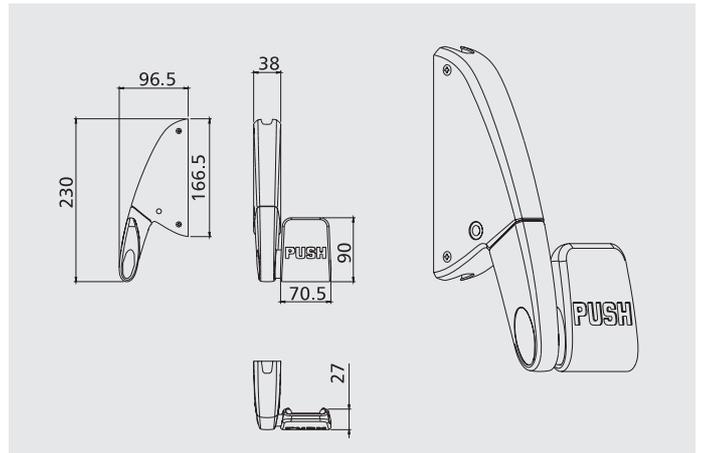
6000.3/1200



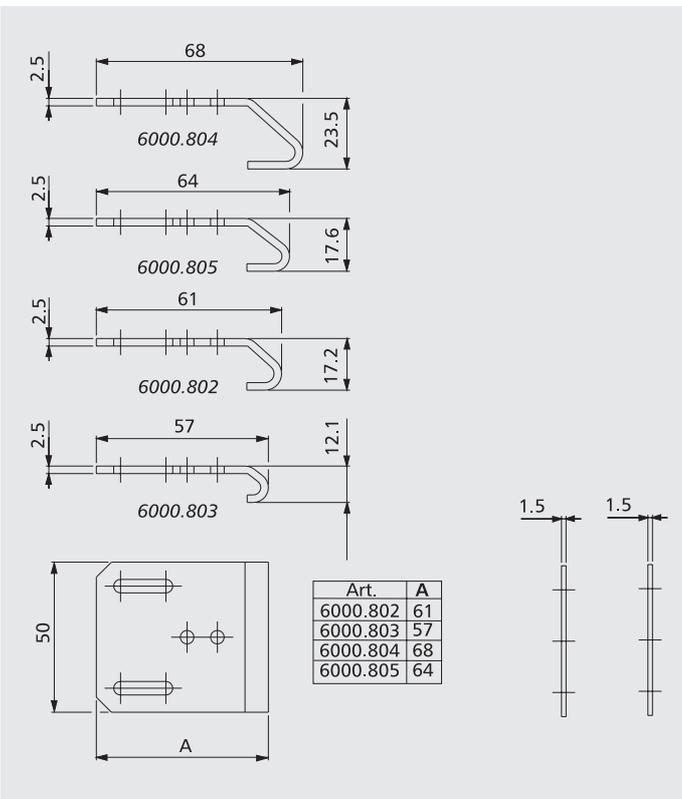
6000.751



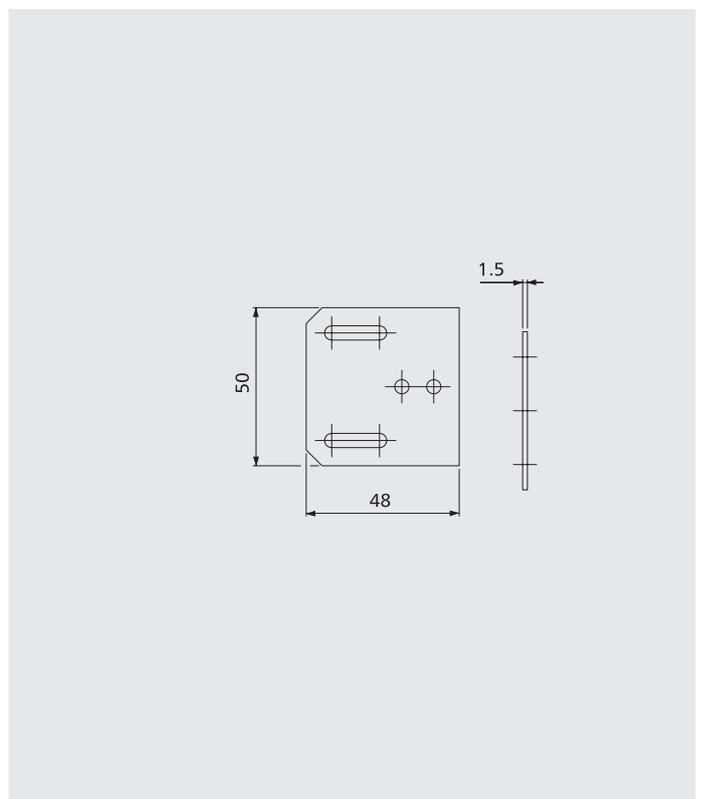
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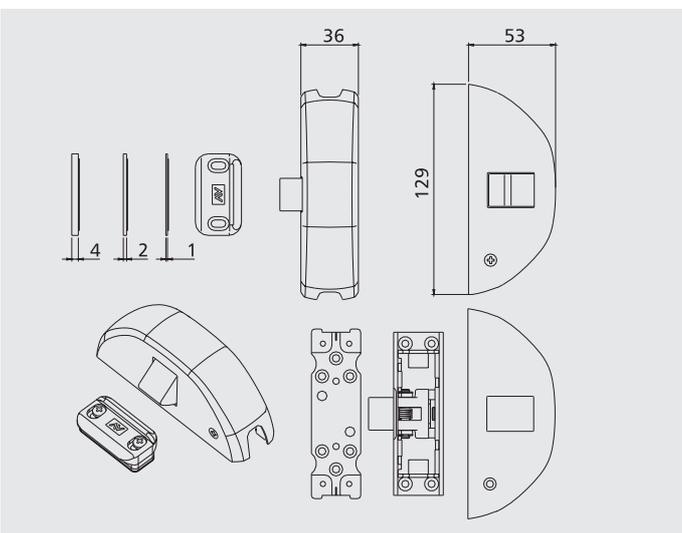
6000.802/.803/.804/.805



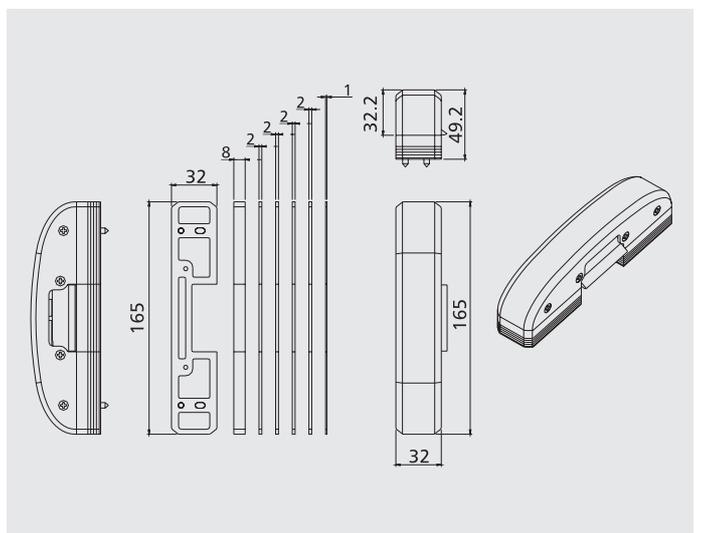
6000.806



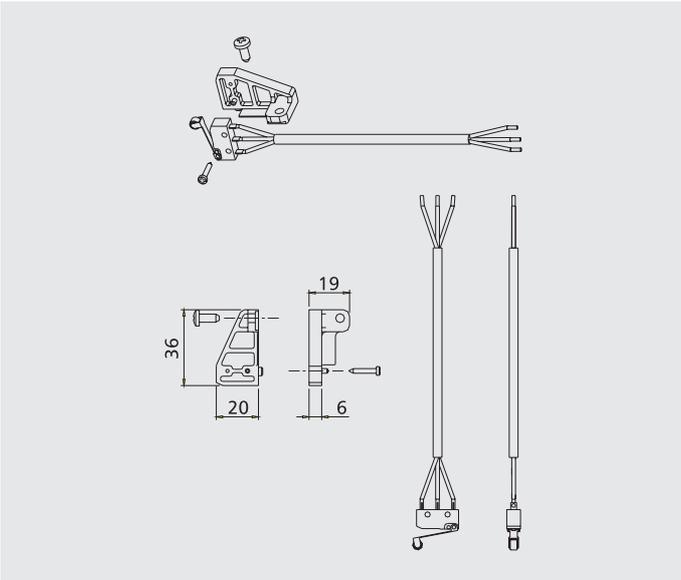
6000.810



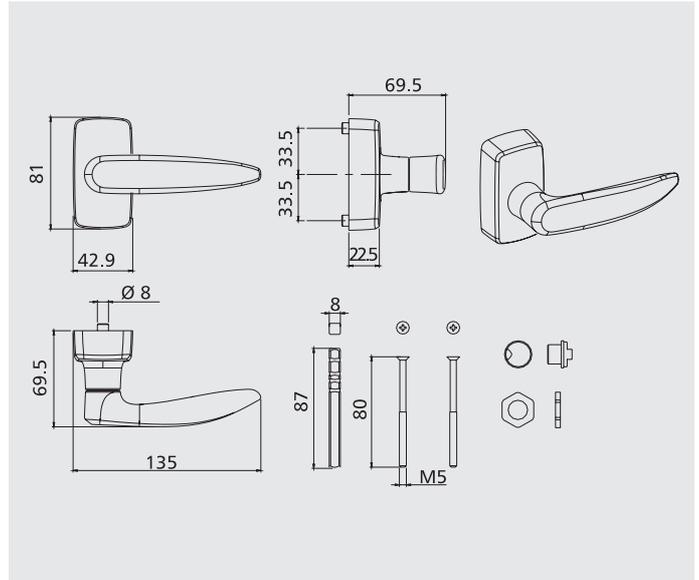
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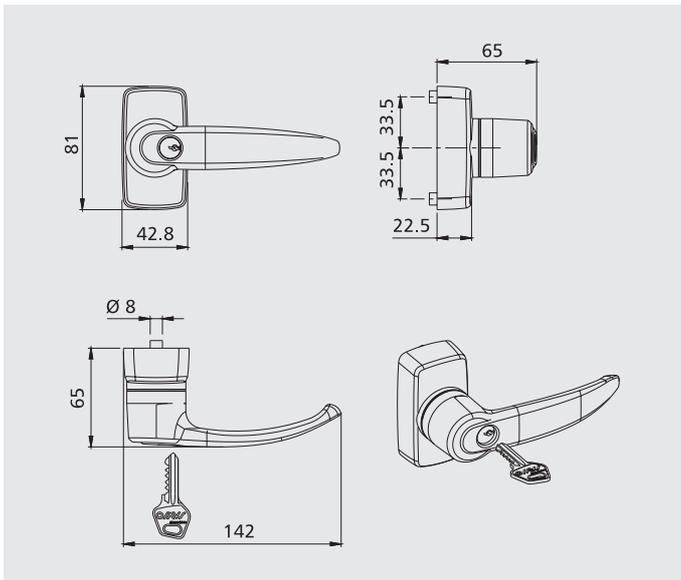
6000.842



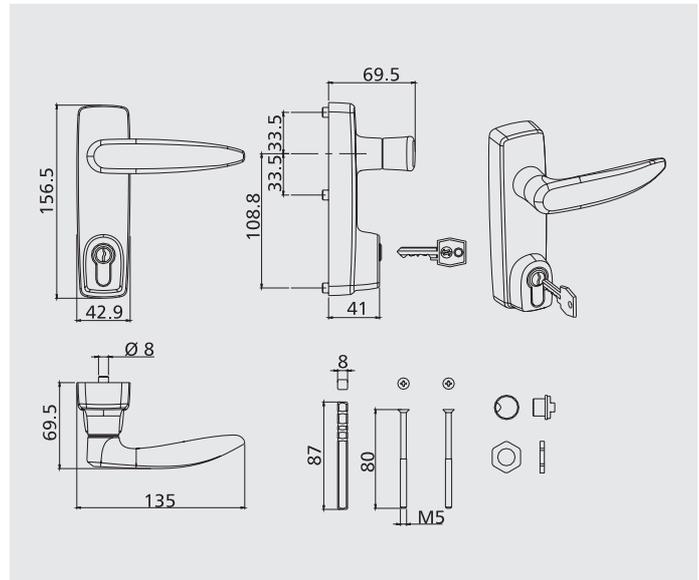
6000.870



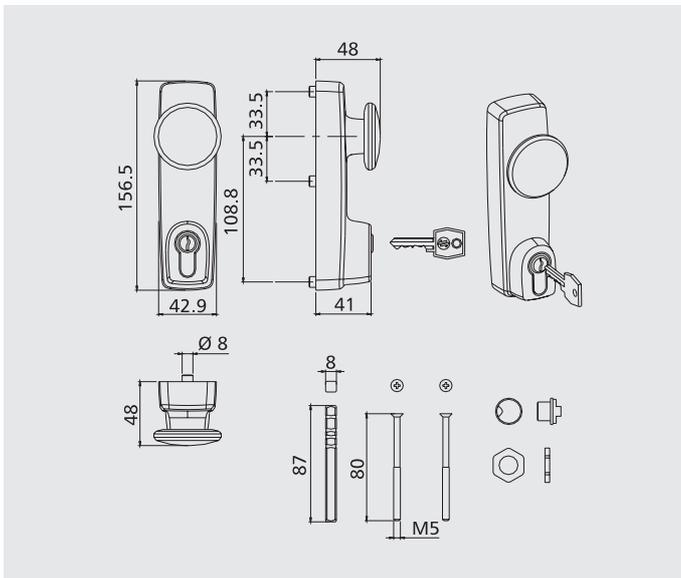
6000.873/.874



6000.875/.876/.877

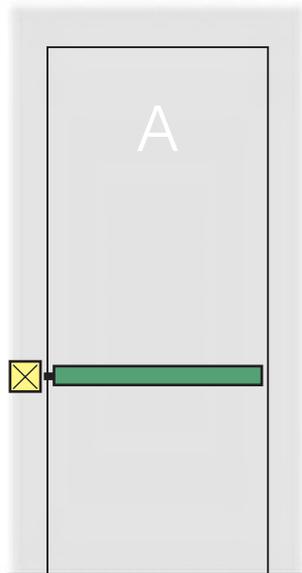


6000.880



Push-bar type panic devices

Certified application schemes for single door



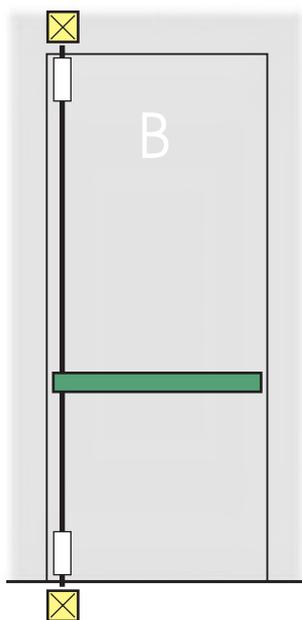
Application A:

BERNINI

6000.1/1200

6000.701+6000.B

6000.703+6000.B



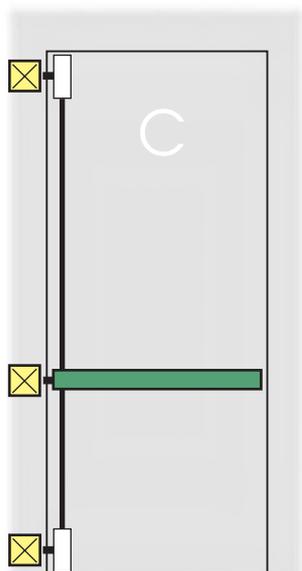
Application B:

BERNINI

6000.2/1200

6000.702+6000.B+6000.720/.721+6000.730

6000.703+6000.B+6000.720/.721+6000.730



Application C:

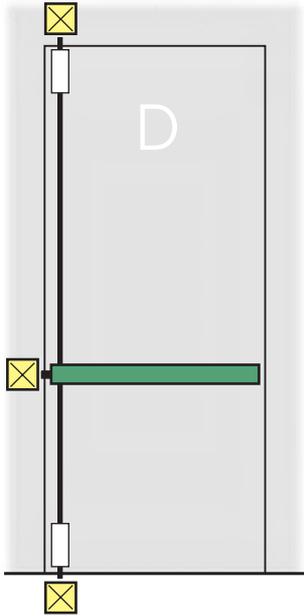
BERNINI

6000.3/1200

6000.703+6000.B+6000.720/.721+6000.740

Legend:

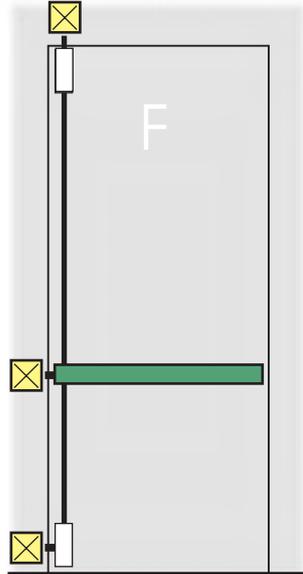
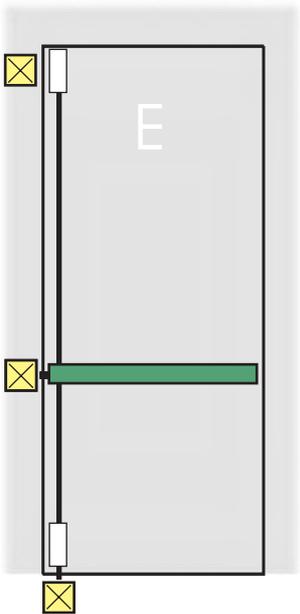
BERNINI alternative configurations



Application D:

BERNINI

6000.703+6000.B+6000.720/.721+6000.730



Application E:

BERNINI

6000.703+6000.B+6000.720/.721+6000.730+.740

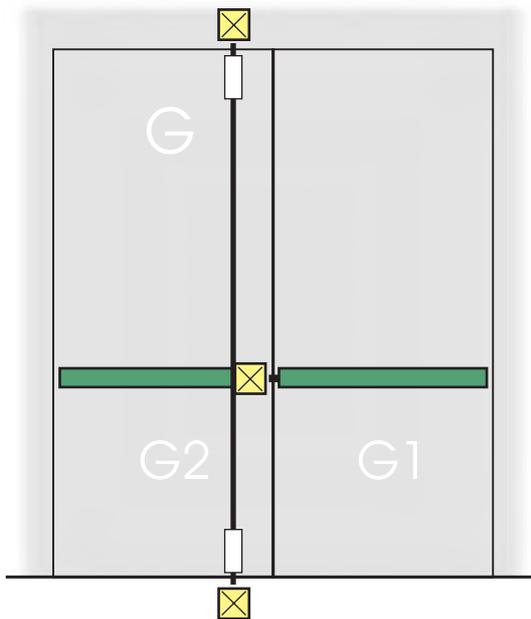
Application F:

BERNINI

6000.703+6000.B+6000.720/.721+6000.735

Push-bar type panic devices

Certified application schemes for double door



Application G:

G1 BERNINI

6000.1/1200

6000.701+6000.B

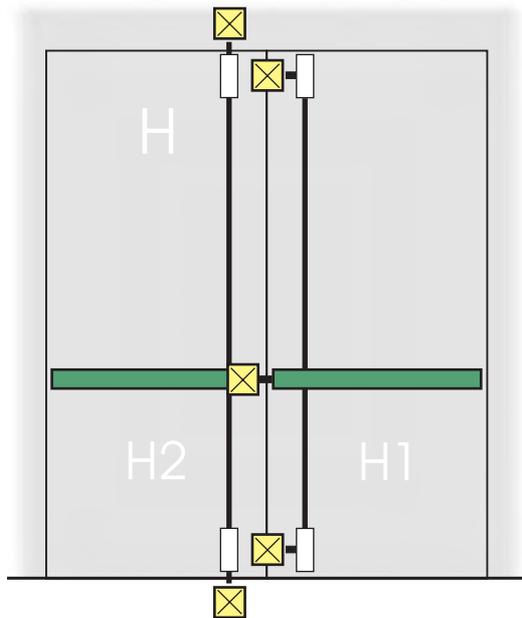
6000.703+6000.B

G2 BERNINI

6000.2/1200

6000.702+6000.B+6000.720/.721+6000.730

6000.703+6000.B+6000.720/.721+6000.730



Application H:

H1 BERNINI

6000.3/1200

6000.703+6000.B+6000.720/.721+6000.740

H2 BERNINI

6000.2/1200

6000.702+6000.B+6000.720/.721+6000.730

6000.703+6000.B+6000.720/.721+6000.730

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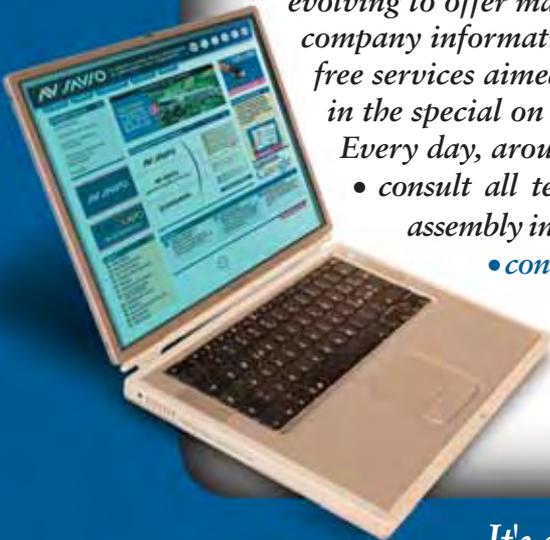
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