

Panic and emergency exit devices





All ISEO panic and emergency exit devices with antibacterial coating AntiGerm have obtained the volountary certification ICIM 021AW/0



In line with its attention to safety, ISEO has decided to add this measure to a device which is always present in public environments and in all those places where hygiene and healthcare is a basic requirement: hospitals, clinics, treatment homes, but also child care centres and nursery schools.

Therefore, the panic function is enriched with the antibacterial protection, AntiGerm*, whose performance is certified by Padova University Molecular Medicine Department.

The antibacterial treatment action is permanent and does not require special maintenance. The constant release of silver ions ensures top efficiency throughout the product life, even in case of surface scratches.

*Antibacterical protection for panic exit devices and accessories (except for Stainless steel/PVD finishes).



Panic exit devices





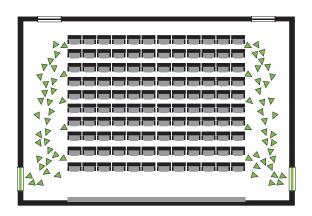
Standard

EN 1125:2008

All panic exit devices in compliance with standard EN 1125 are conceived to be used in panic situations.

The aim of the standard requirements is mainly to ensure a reliable and safe evacuation through a door making use of the minimum effort and with a single swing of the door, without any prior knowledge of the door device.











How to read the marking EN 1125:2008

Not suitable for use on fire/smoke doors	3	7	6	0	1	4	2	2	Α	A
Suitable for use on fire/smoke doors	3	7	6	В	1	4	2	2	A	A
				doors						
	nse			use on sistant	t	resistance	ı t		operation	pplication
	o Jo	urability	mass	Suitability for fire/smoke re	le's safety		s' security	projection	of bar	of door a
	Category	Dural	Door	Suita fire/s	People's	Corrosion	Goods'	Bar p	Туре	Field

Category of use. There is only one category which refers to a high frequency of use where there is little incentive to exercise care, i. e. where there is a chance of an accident and misuse.

Durability. There are two grades of durability.

grade 6 = 100,000 operations

grade 7 = 200,000 operations

Door mass. There are three door mass categories:

grade 5 = up to 100 kg

grade 6 = up to 200 kg

grade 7 = over 200 kg

Suitability for use on fire/smoke resistant doors. There are three fire/smoke resistance categories:

grade 0 = not suitable for fire/smoke resistant doors

grade A = suitable for smoke resistant doors

grade B = suitable for fire/smoke resistant doors

People's safety. There is only one category representing the maximum grade, since panic exit devices must ensure people's safety.

Corrosion resistance. There are two categories as per prEN1670:

grade 3 = 96 h (high resistance)

grade 4 = 240 h (very high resistance)

Goods' security. Only one grade of security shall be used: the security requirements are secondary to those of safety.

Bar projection. There are two categories:

grade 1 = bar projection up to mm 150 (large projection)

grade 2 = bar projection up to mm 100 (standard projection)

Type of bar operation. There are two types of operations:

A = panic exit device with "push-bar" operation (Idea)

B = panic exit device with "touch-bar" operation (Push-Bar)

Field of door application. There are three categories:

A = single door, double door: active or inactive leaf

B = single door only

C = double door, inactive leaf only.

For further information please refer to EN1125:2008 standard.



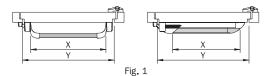


Warning

The field of application of these panic exit devices is limited to following:

Maximum door mass	Maximum door mass Maximum door heigth		Temperature interval
200 Kg	2520 mm	1320 mm	-10°C +60°C

The limits indicated above are identified by EN1125 standard. ISEO Serrature declares that the performances of the devices and their accessories are in compliance with the requirements of the standard, for doors with mass max. 200 kg, heigh max. 3400 mm and width max. 1500 mm.



The effective length (dimension X) of the bar shall be as near as possible to the effective width (dimension Y) of the door for which the device is intended, but never less than 60% (see Fig.1)

The door leavers and frames must be made of a material with sufficient rigidity to ensure that any distortions that occur during use can not exceed 5 mm in any position. The device must be fitted to the door leaf using materials that guarantee a tensile strength for each screw of >1,5KN.

Products certifications

ISEO Serrature has been awarded by Warrington Certification Limited (WCL) the certificate of conformity with EN 1125:08 standard allowing to apply the CE mark on panic exit devices, compulsory from 01/04/2003.

Idea panic exit devices have already obtained the Voluntary Product Certification by an independent organisation, ICIM, as provided for in EN 1125:08.

The ICIM voluntary certification establishes stricter requirements than the CE mark.

All the updated certificates can be downloaded from our web site: www.iseoserrature.it

Example of product certification











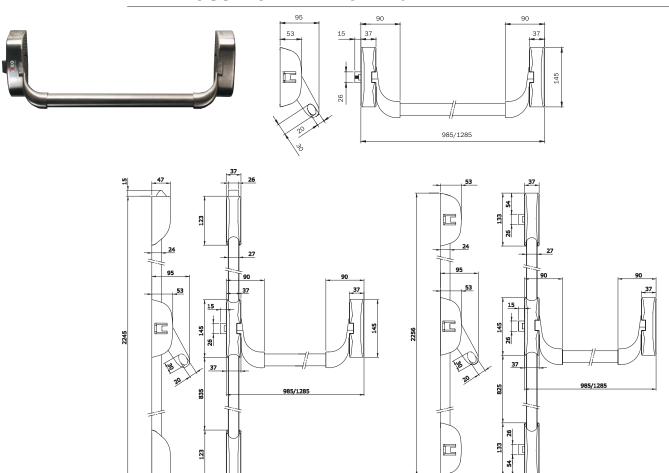


Code

Min. ord.
Multiple
package
Single
package
Status



IDEA Base Inox PVD finish - Inox



"IDEA Base Inox" panic exit device, MODULAR, reversible, PVD - stainless steel finish. Prearranged for double and triple lateral locking. **Self-locking steel latch**, suitable for fire resistant doors.

Stainless steel keep 94100112. Two stainless steel fixing plates 94100042. Prearranged for top-bottom rods.

Top/bottom caps. Nylon spacer for external control. Template. Assembly instructions.

To be ordered separately:

Stainless steel bar 9459**

Rods and covers 94100202 for doors mm 2400.

Rods and covers 94100302 for doors mm 3400.

Pair of steel latches 941020**24

External control 94011002T / 94012002T knob

External cylinder 859000859

Microswitch 94100060

Hold-open device 94100070

Electric striker 56800*0

Extended handle follower 947880

Kit of gaskets fire doors 94000030

Steel fixing plate for fire doors 94100040

9414000524 A 1 - 1 NO







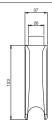


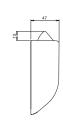


Accessories PVD finish - Inox









Pair of latches with PVD finish for "IDEA Base Inox" panic exit devices. Top/bottom vertical locking.

Self-locking steel latch suitable for fire resistant doors. Keeps 94100112+94100127.

Fixing screws.

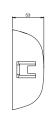
9410201524 B 1 - 1

NO









Pair of latches with PVD finish for "IDEA Base Inox" panic exit devices. Top/bottom vertical locking.

Self-locking steel latch suitable for fire resistant doors. Two keeps 94100102.

Fixing screws.

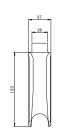
9410203524 B 1 - 1

NO









Pair of latches with PVD finish for "IDEA Base Inox" panic exit devices. Top/bottom vertical locking.

Self-locking steel latch suitable for fire resistant doors. Two keeps 94100102.

Fixing screws.

9410204524 D

1 - 1

NO



Stainless steel rods and covers for "IDEA Base Inox".

One keep for two wings, without spacers. Cap for pushbar lateral latch.

For doors with maximum heigth mm 2400 94100202 5 NO В For doors with maximum heigth mm 3400 94100302 NO



Stainless steel horizontal oval bar for panic exit devices "IDEA Base" - "IDEA Bolt".

· ·						
Length mm 1130	945922	Α	1	-	1	NO
Length mm 1330	945932	Α	1	-	1	NO



IDEA Base Inox: application scheme for single leaf doors

idea dase mox: application scheme for single lear doors								
9414000524		•	•	•	•	•	•	•
9410201524	AU		•			•		
9410204524					•			•
9410203524				•			•	
945922 L = 1130 945932 L = 1330	0	*	*	*	*	*	*	*
94100202 94100302			*	*	*	*	*	*
56800** + 5680012	J	0		00	00		000	
94011002T 94021002		*	*	*	*	*	*	*
94012002T								
94100060		0	0	0	0	0	0	0
94100070		0	0	0	0	0	0	0

lacktriangle = Necessary items (lacktriangle = 2 pcs, lacktriangle = 3 pcs)

^{* =} Choose one item only

 $[\]bigcirc$ = Optional items (\bigcirc \bigcirc = 2 pcs, \bigcirc \bigcirc \bigcirc = 3 pcs)



IDEA Base Inox: application scheme for double doors

IDEA DUSC MOX. application scheme for double doors									
					unrebated				
9414000524		• •	• •	• •	• •				
9410201524	ĦĦ	•	•	•	• •				
9410204524									
9410203524			•	•					
945922 L = 1130 945932 L = 1330	0	*	*	*	*				
94100202 94100302		*	*	*	*				
56800** 5680012	J								
94011002T 94021002		*	* •	*	*				
94012002T		O	O	O	0				
94100060		00	00	00	00				
94100070		00	00	00	00				

lacktriangle = Necessary items (lacktriangle = 2 pcs, lacktriangle = 3 pcs)

^{*} = Choose one item only

 $[\]bigcirc$ = Optional items (\bigcirc \bigcirc = 2 pcs, \bigcirc \bigcirc \bigcirc = 3 pcs)

