

APOGEO panic exit devices

The benchmark for contemporary escape routes



Evolution, identity and performance

Essentiality and method to anticipate every need

APOGEO represents the highest point in the evolution of ASSA ABLOY anti-panic systems.

It is the moment when performance, reliability, and design reach their highest level, giving life to a **new generation of panic exit devices engineered for contemporary escape routes.**

The result of ASSA ABLOY's global expertise and continuous technological innovation, the APOGEO range meets modern safety demands with **advanced, certified, and reliable solutions.** Designed for public buildings, commercial spaces, and industrial environments, it embodies the ideal balance between functionality, durability, and technical quality.

Its clean design, consistent with the ASSA ABLOY identity, enhances the overall door system, transforming a safety device into a **distinctive architectural element.** The modular approach, focused on simplicity, makes APOGEO an efficient choice for designers, installers, and facility managers alike.

With APOGEO, ASSA ABLOY brings panic safety to its **natural peak:** a complete, modern, and reliable solution designed to lead every escape route toward **new standards of efficiency and value.**





A new way of working, born from inherent safety: APOGEO.

Ease of installation

The APOGEO range has been developed to ensure maximum simplicity and speed of installation, reducing assembly time and operational complexity at every stage. The limited number of components and the system's optimized design allow for intuitive and precise assembly, minimizing the tools required to the essentials: drill, screwdriver, saw, measuring tape, and pencil.

Installation is completed in just a few simple steps:

- **Handing definition**
The reversible mechanism allows

the device to be quickly adapted to the door opening direction, without complex operations.

- **Installation of the mechanism(s) and bar**

The drilling template and fixing plate ensure accurate component positioning, reducing the risk of errors and speeding up installation.

- **Installation of additional locking points**

The modular system design simplifies configuration and enables quick adjustment of accessories, ensuring maximum application flexibility.

 / @ ASSA ABLOY Italia

Watch the installation video for the 200 & 500 Series on our YouTube channel.

Versatility and adaptability

Full compatibility and interchangeability of accessories across the different models significantly simplify spare parts management and stock control, ensuring product range continuity and high operational efficiency.

This versatile design provides installers and manufacturers with extensive configuration flexibility, reducing the number of required codes while optimizing time, resources, and logistics processes.





One model for every need



The entire APOGEO series has been developed based on a modular design principle, offering a simple and functional way to select the configuration best suited to escape route management.

The range includes:

- **Type A panic exit devices (200 and 500 Series):** the horizontal bar for door opening is external to the mechanism body and housed within two protruding side arms.
- **Type B panic exit devices (300 and 700 Series):** the horizontal bar is directly integrated into the panic bar mechanism for a more compact design.

The rim version ensures maximum versatility thanks to covers designed for 1-, 2-, or 3-point locking configurations.

The top, bottom, and central caps, supplied as standard with the mechanisms, allow unused locking points to be quickly excluded, adapting the device to any installation requirement. An efficient choice for designers, installers, and access system managers.

Both covers of the mortise version with push bar are prepared with a hole for housing a European profile cylinder.

Inside the package, two dedicated zamak caps are included to cover the cylinder holes, to be used on the side opposite the lock or in blind configurations.

This solution allows the device **to be easily adapted to the door handing**, offering complete **configuration flexibility** and simplifying installation in any application, while significantly reducing inventory requirements..

This modular approach enables quick customization of the device according to the door's characteristics — single-leaf, double-leaf, or multi-leaf — optimizing installation time.

A new expression of safety, where form meets function

Aesthetic and functional design

The design of the APOGEO range stands out for its clean, ergonomic lines, carefully crafted to blend seamlessly into any architectural setting.

Hidden screws and **slim covers** contribute to a refined, discreet aesthetic, without in any way

compromising the functionality of the device, making it ideal even for environments where visual appeal is essential.

The **optimized geometry of the bar** ensures an immediate and precise response of the device, maximizing both performance and user comfort.



Certified safety

APOGEO panic exit devices undergo rigorous testing and functional checks and are fully compliant with **EN 1125 standards**, ensuring immediate and effective operation in emergency situations, even under intensive use conditions.

Certified for use on **fire and smoke-resistant doors**, APOGEO devices provide a high level of safety and operational reliability in sensitive and complex environments.

A dependable choice for public buildings, hospitals, schools, and

collective spaces, where safe evacuation and regulatory compliance are essential elements of any project.



Wide customization options

The APOGEO range offers extensive customization options thanks to a wide selection of finishes, designed to harmoniously adapt to any environment, both indoor and outdoor.

In addition to the standard catalogue finishes, **custom solutions** are available upon request, ideal for meeting specific aesthetic or project requirements. This flexibility allows APOGEO panic exit devices to integrate seamlessly even into the most contemporary architectural settings, ensuring stylistic harmony, enhancing spaces, and providing designers with complete creative freedom.



	Zamak covers and levers	Steel bars	Bar lengths
Type A	Black (RAL9005)	Black (RAL9005)	775mm
	Silver (RAL9006) - AM*	Silver (RAL9006) - AM*	1075mm
	White (RAL9010) - AM*	Red (RAL3000)	1400mm
		Green (RAL6002)	
		White (RAL9010) - AM*	
	Zinc alloy covers	Aluminium bars	Bar lengths
Type B	Black (RAL9005)	Red (RAL3000)	860mm
	Silver (RAL9006) - AM*	Silver (RAL9006) - AM*	1130mm
		Green (RAL6002)	1400mm

* **AM - Antimicrobial finish** capable of eliminating **up to 95% of the most common bacteria**, making surfaces ideal for environments where hygiene and safety are essential to people's health.

One access point, a unified vision of the ASSA ABLOY identity

ASSA ABLOY offers a comprehensive portfolio of access solutions, designed to work seamlessly together both **functionally** and **aesthetically**.

APOGEO panic exit devices are developed to integrate perfectly with other ASSA ABLOY components installed on the door, creating a harmonious and coordinated system.

This overall continuity ensures an elegant, recognizable, and consistent style, enhancing the access point as a central element of architecture. A systemic approach that optimizes processes, improves the user experience, and strengthens the ASSA ABLOY brand identity in every application.

200 Series

Type A rim panic exit device

APOGEO 200 Series represents the result of an efficiency-driven design approach. A push bar panic exit device designed to ensure easy installation, long-term reliability, and ease of use in all conditions.

Ideal for new developments, this solution combines a clean, essential structure with outstanding versatility, thanks to a wide range of accessories designed to suit any need, delivering a smart and reliable answer to safety where functionality meets refined design.

Technical specifications:

- Reversible
- Steel mechanisms
- Zamak transmission arms
- Modular zamak covers for 1-2-3 locking point configurations
- Steel latch with anti-card function
- Oval steel bar available in various sizes and finishes (also with antimicrobial finish)
- Compatible with 8mm square spindle
- Suitable for single and double leaf doors
- Suitable for fire and smoke-rated doors
- Certified according to CE EN 1125

Available versions:

- With hold-open function
- With micro-switch

Included in the packaging:

- 2 mechanisms including covers, strike plates, screws and fixing bracket
- 2 caps for excluding vertical rods
- 1 cap for excluding the central latch
- 2 bar end caps

To be ordered separately:

- Horizontal bar
- Additional locking points kit
- Vertical rod kit
- Square spindle
- External handle
- Cylinder

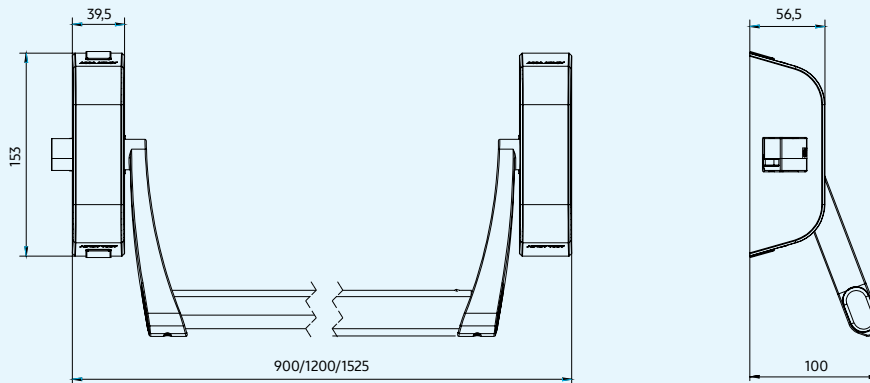


Explore the
200 Series



ASSA ABLOY





Mechanisms with modular covers for 3-point locking

Code	Description
PE2A30010M3	Reversible mechanisms with silver zamak covers
PE2A30010M2	Reversible mechanisms with black zamak covers
PE2A30010M4	Reversible mechanisms with white zamak covers



Steel bars

Code	Description
PE29TUBEM3	775mm silver steel bar – AM*
PE29TUBEM2	775mm red steel bar
PE29TUBEM4	775mm white steel bar – AM*
PE29TUBEM9	775mm black steel bar
PE29TUBEM8	775mm green steel bar
PE22TUBEM3	1075mm silver steel bar – AM*
PE22TUBEM2	1075mm red steel bar
PE22TUBEM4	1075mm white steel bar – AM*
PE22TUBEM9	1075mm black steel bar
PE22TUBEM8	1075mm green steel bar

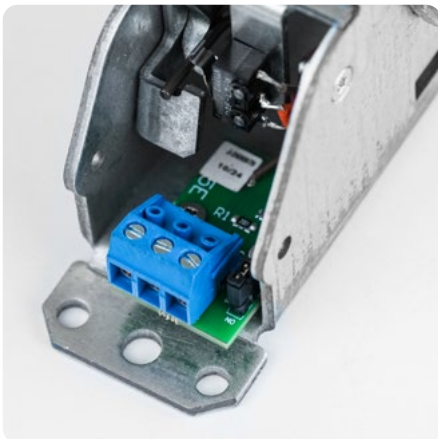
PE24TUBEM3	1400mm silver steel bar – AM*
PE24TUBEM2	1400mm red steel bar
PE24TUBEM4	1400mm white steel bar – AM*
PE24TUBEM9	1400mm black steel bar
PE24TUBEM8	1400mm green steel bar

* AM: Antimicrobial finish.

Main mechanism with hold-open function and related cover

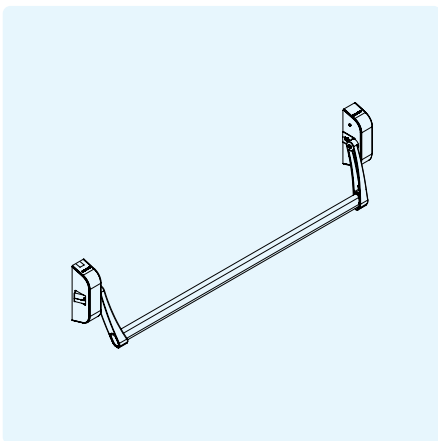


Code	Description
PE2A3MAIND3	Main mechanism with hold-open function and silver zamak cover
PE2A3MAIND2	Main mechanism with hold-open function and black zamak cover
PE2A3MAIND4	Main mechanism with hold-open function and white zamak cover



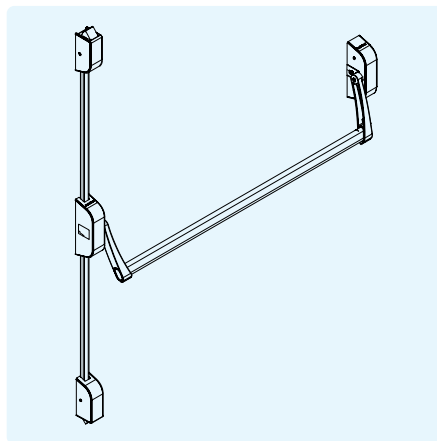
Auxiliary mechanism (hinge side) with microswitch for door status detection, without cover

Code	Description
PE2A3AUXM0	Auxiliary mechanism with microswitch



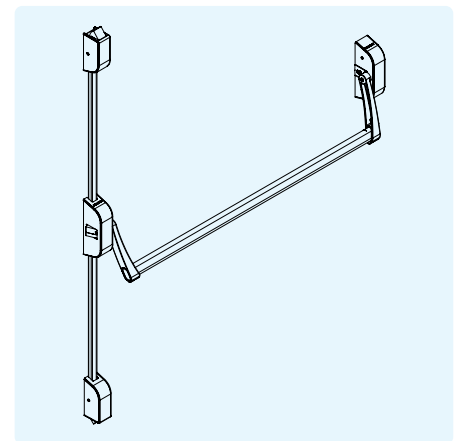
Single-point locking

By excluding vertical rods and additional locking points, and using the two top/bottom caps included in the package, the 200 Series is configured as a single-point panic exit device.



Two-point locking

By installing PE2VRODS* (vertical rods) and PE2A5(6)* (latches) kits, and excluding the central latch using the cap included in the package, the 200 Series is configured as a two-point panic exit device.



Three-point locking

By installing the PE2VRODS* (vertical rods) and PE2A5(6)* (latches) kits and keeping the central latch active, the 200 Series is configured as a three-point panic exit device.

300 Series

Type B rim panic exit device

APOGEO 300 Series is designed for demanding applications where safety requires robust, reliable solutions engineered for long-term durability. The touch bar panic device ensures instant outward opening, offering effortless operation even with minimal pressure.

The robustness of the design clearly reflects the product's purpose, while its multi-point locking configuration meets demanding requirements for control, mechanical reliability and access security.

Technical specifications:

- Reversible
- Steel mechanisms
- Modular zinc alloy cover for 1-2-3 locking point configurations
- Steel latch with anti-card function
- Aluminium bar available in various lengths and finishes (also with antimicrobial finish)
- Compatible with 8mm square spindle
- Suitable for single and double leaf doors
- Suitable for fire and smoke-rated doors
- Certified according to CE EN 1125

Available versions:

- With hold-open function
- With micro-switch

Included in the packaging:

- Mechanism with cover and aluminium bar, strike plates, screws and fixing bracket
- 2 caps for excluding vertical rods
- 1 cap for excluding the central latch

To be ordered separately:

- Additional locking points kit
- Vertical rod kit
- Square spindle
- External handle
- Cylinder

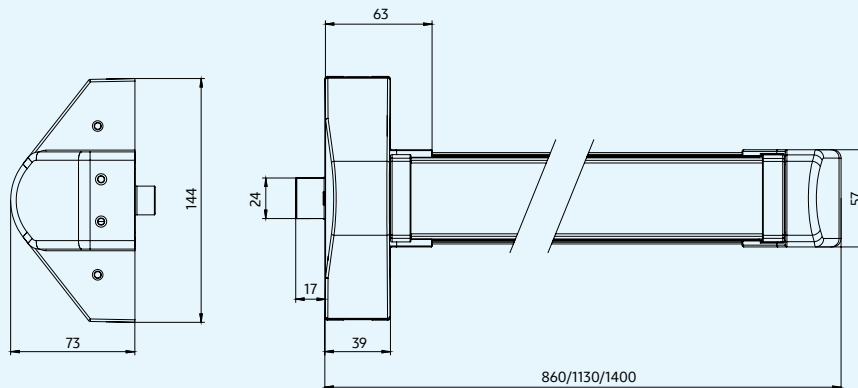
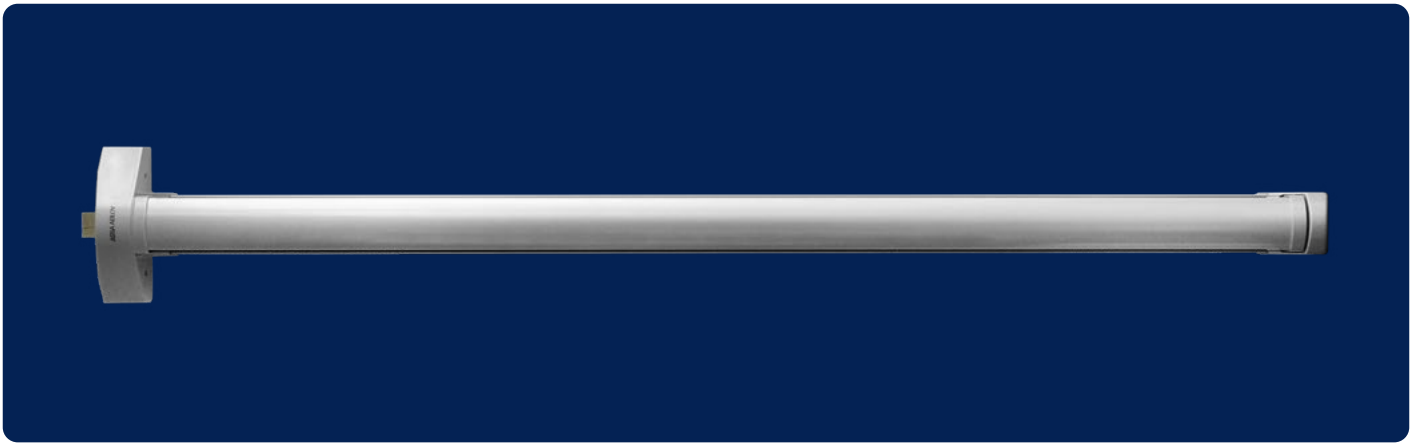


Explore the
300 Series



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Type B rim panic exit devices for 3-point locking

Code	Description	PED/Bar length	Finish
PED 300/90/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	860/776mm	Silver cover and bar
PED 300/90/NR	Mechanism with zinc alloy cover and aluminium bar	860/776mm	Black cover and red bar
PED 300/90/NV	Mechanism with zinc alloy cover and aluminium bar	860/776mm	Black cover and green bar
PED 300/--/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	1130/1046mm	Silver cover and bar
PED 300/--/NR	Mechanism with zinc alloy cover and aluminium bar	1130/1046mm	Black cover and red bar
PED 300/--/NV	Mechanism with zinc alloy cover and aluminium bar	1130/1046mm	Black cover and green bar
PED 300/1400/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	1400/1316mm	Silver cover and bar
PED 300/1400/NR	Mechanism with zinc alloy cover and aluminium bar	1400/1316mm	Black cover and red bar
PED 300/1400/NV	Mechanism with zinc alloy cover and aluminium bar	1400/1316mm	Black cover and green bar

* AM: Antimicrobial finish.

** Panic bar can be shortened to a minimum length of 325 mm (250 mm active bar).

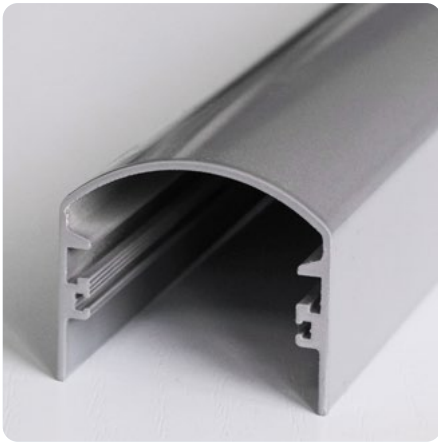
Version with hold-open function

Code	Description	PED/Bar length	Finish
PED 300/HO/GG	Mechanism with hold-open function, zinc alloy cover and aluminium bar – AM*	1130/1046mm	Silver cover and bar
PED 300/HO/NR	Mechanism with hold-open function, zinc alloy cover and aluminium bar	1130/1046mm	Black cover and red bar
PED 300/HO/NV	Mechanism with hold-open function, zinc alloy cover and aluminium bar	1130/1046mm	Black cover and green bar



Microswitch kit code for door status detection (hinge side)

Code	Description
KITMICMNB	Microswitch kit

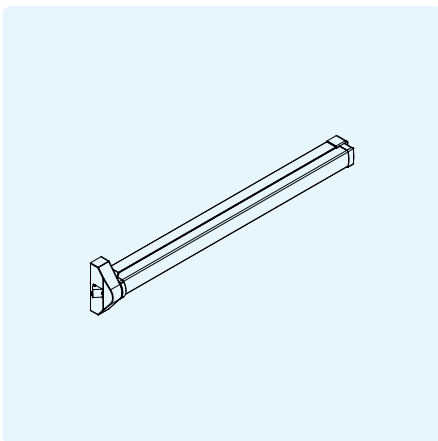


Spare part codes for aluminium bars

Code	Description
TUBE/1046/R	1046mm red aluminium bar
TUBE/1046/G	1046mm silver aluminium bar - AM*
TUBE/1046/V	1046mm green aluminium bar

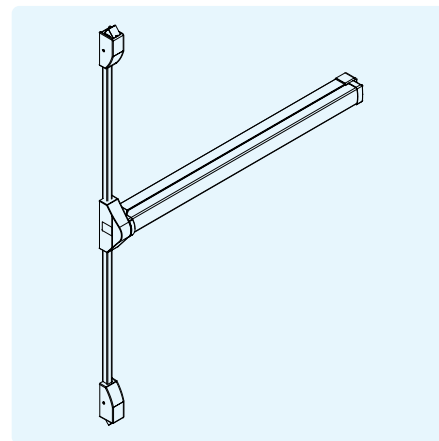
* AM: Antimicrobial finish.

Additional finishes and lengths available upon request.



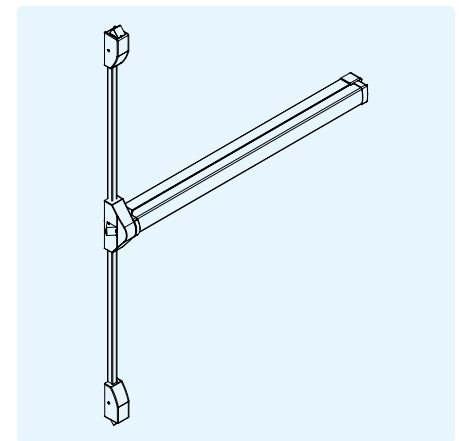
Single-point locking

By excluding vertical rods and additional locking points, and using the two top/bottom caps included in the package, the 300 Series is configured as a single-point panic exit device.



Two-point locking

By installing PE2VRODS* (vertical rods) and PE2A5(6)* (latches) kits, and excluding the central latch using the cap included in the package, the 300 Series is configured as a two-point panic exit device.



Three-point locking

By installing the PE2VRODS* (vertical rods) and PE2A5(6)* (latches) kits and keeping the central latch active, the 300 Series is configured as a three-point panic exit device.

Accessories for 200 and 300 Series

Additional locking point kit



Top/bottom vertical latches

Code	Finish
PE2A50000M3	Silver
PE2A50000M2	Black
PE2A50000M4	White



Top/bottom lateral latches

Code	Finish
PE2A60000M3	Silver
PE2A60000M2	Black
PE2A60000M4	White

Vertical rod kit (2×1100mm)



Code	Finish
PE2VRODSM3	Silver
PE2VRODSM2	Black
PE2VRODSM4	White

Extended vertical rods for doors up to 3.5 m available upon request.

Yale 500 half cylinders



Code	Description
YC052KD301003N1	Y500 nickel-plated KD 30/10 half cylinder, 3 keys
YC052KD351003N1	Y500 nickel-plated KD 35/10 half cylinder, 3 keys
YC052KD401003N1	Y500 nickel-plated KD 40/10 half cylinder, 3 keys

* Other sizes and finishes available on request

** APOGEO panic exit devices are compatible with other Yale cylinder ranges (YC10–YC15) and ASSA ABLOY ranges (CY110–CYS10)

Jolly handle



Independent external handle for APOGEO panic exit devices

Features

- Suitable for installation on metal profile doors
- Maximum door thickness: 82 mm
- Steel mechanism
- half cylinder included 30/10 DIN cam with 3 keys
- 8mm square spindle included
- Available upon request in KA versions and with microswitch option

Code	Finish	Key
D0448009000	Black	YC0500KB
D0448009000GR	Silver	YC0500KB

Installation layouts

200 and 300 Series

The APOGEO range offers a wide selection of configurations, tailored to meet specific project requirements.



200 Series Configurations

For single-leaf doors

<ul style="list-style-type: none"> ◇ Required □ Optional ● Alternative x Finishes and/or variants (see price list) 	Left hand	Left hand	Left hand	Left hand	Left hand

Active leaf		Central unit	PE2A30010Mx	◇	◇	◇	◇	◇
		Bar	PE2xTUBEMx	◇	◇	◇	◇	◇
		T/B Vert.	PE2A50000Mx	-	◇	◇	-	-
		T/B Lat.	PE2A60000Mx	-	-	-	◇	◇
		Vert. rods kit	PE2VRDSTMx	-	◇	◇	◇	◇
		Ext. handle kit	D0448009000xx	□	□	□	□	□

Passive leaf		Central unit	PE2A30010Mx	-	-	-	-	-
		Bar	PE2xTUBEMx	-	-	-	-	-
		T/B Vert.	PE2A50000Mx	-	-	-	-	-
		Vert. rods kit	PE2VRDSTMx	-	-	-	-	-

200 Series Configurations

For double-leaf doors

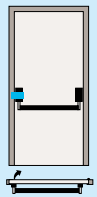
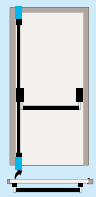
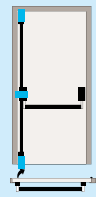
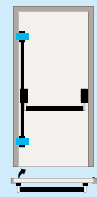
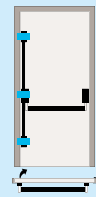



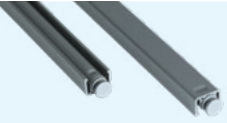



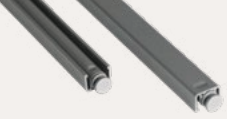
<ul style="list-style-type: none"> ◇ Required □ Optional ● Alternative x Finishes and/or variants (see price list) 				
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Active leaf		Central unit	PE2A30010Mx	◇	◇	◇	◇
		Bar	PE2xTUBEMx	◇	◇	◇	◇
		T/B Vert.	PE2A50000Mx	-	◇	-	-
		T/B Lat.	PE2A60000Mx	-	-	◇	◇
		Vert. rods kit	PE2VRDSTMx	-	◇	◇	◇
		Ext. handle kit	D0448009000xx	□	□	□	□

Passive leaf		Central unit	PE2A30010Mx	◇	◇	◇	◇
		Bar	PE2xTUBEMx	◇	◇	◇	◇
		T/B Vert.	PE2A50000Mx	◇	◇	◇	◇
		Vert. rods kit	PE2VRDSTMx	◇	◇	◇	◇

300 Series Configurations

For single-leaf doors

				<ul style="list-style-type: none"> ◇ Required □ Optional ● Alternative x Finishes and/or variants (see price list) 					Left hand	Left hand	Left hand	Left hand	Left hand
													
Active leaf		Central unit with bar	PED 300/xx/xx	◇	◇	◇	◇	◇					
		T/B Vert.	PE2A50000Mx	-	◇	◇	-	-					
		T/B Lat.	PE2A60000Mx	-	-	-	◇	◇					
		Vert. rods kit	PE2VRDSTMx	-	◇	◇	◇	◇					
		Ext. handle kit	D0448009000xx	□	□	□	□	□					
Passive leaf		Central unit with bar	PED 300/xx/xx	-	-	-	-	-					
		T/B Vert.	PE2A50000Mx	-	-	-	-	-					
		Vert. rods kit	PE2VRDSTMx	-	-	-	-	-					

500 Series

Type A mortice panic exit device

The APOGEO 500 Series conceives the panic device not only as a functional component, but as an integral part of the architectural design. The push bar solution delivers high safety standards, combined with a modern and refined aesthetic.

Designed to meet the demands of contemporary architecture, the 500 Series combines technical reliability with refined aesthetics, integrating seamlessly and discreetly into spaces where every detail defines the overall design.

Technical specifications:

- Reversible
- Steel mechanisms
- Zamak transmission arms
- Zamak covers available in various finishes
- Steel latch with anti-card function
- Oval steel bar available in various sizes and finishes (also with antimicrobial finish)
- Compatible with 9mm square spindle
- Wide range of compatible mortise locks
- Suitable for single and double leaf doors
- Suitable for fire and smoke-rated doors
- Certified according to CE EN 1125

Available versions:

- Covers with euro profilr cylinder holes (72 or 92mm center distance)
- With micro-switch

Included in the packaging:

- 2 mechanisms with covers
- 2 zamak caps for covering the cylinder holes
- 2 end caps for the bar

To be ordered separately:

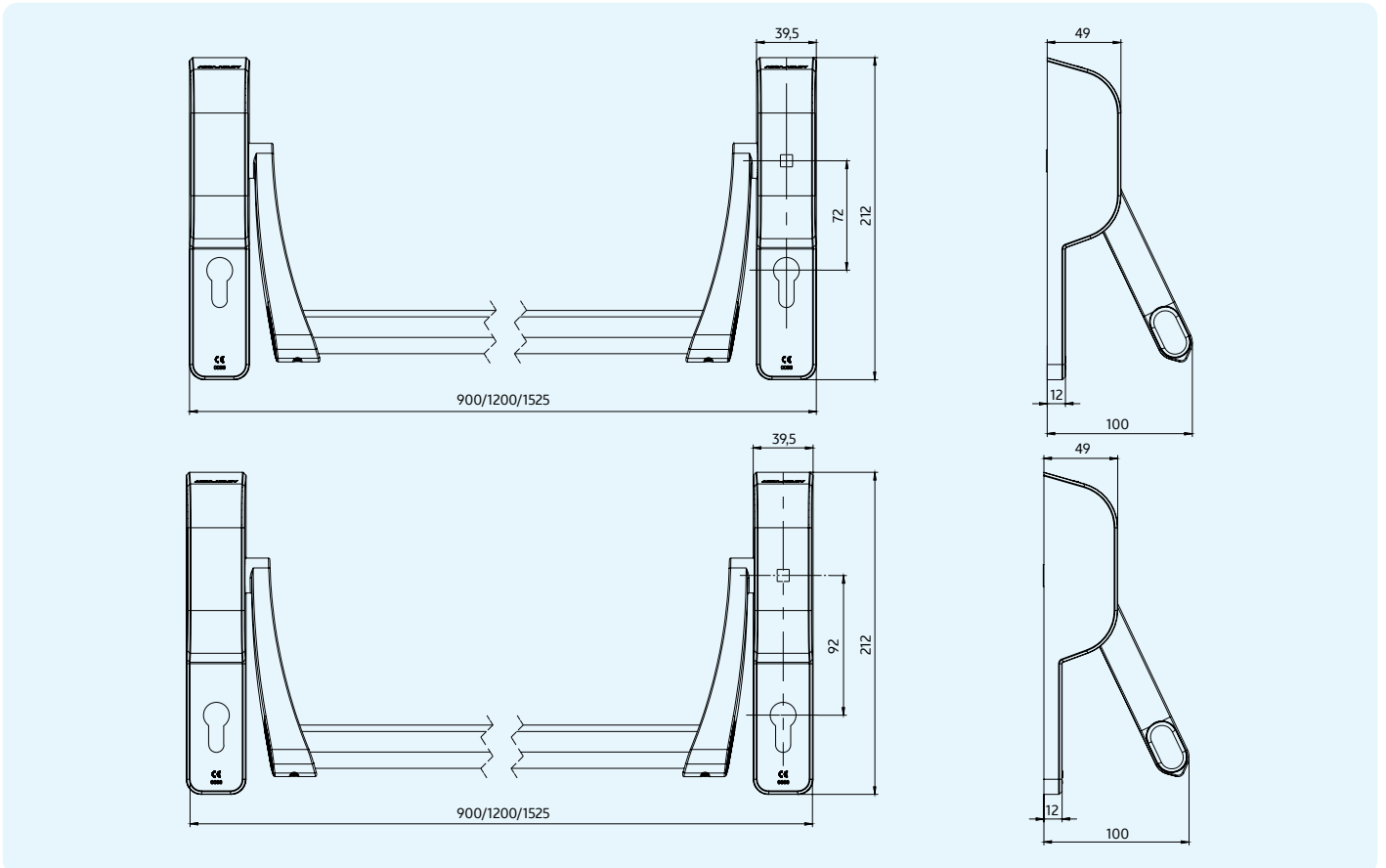
- Bar
- Cylinder
- Lock for active leaf
- Lock for inactive leaf with rods and re-latching device



Explore the
500 Series







Mechanisms with covers with euro profile cylinder cut-outs

Code	Description
PE2A10020M3	Mechanisms plus covers with euro profile cyl. hole l=72 mm, silver zamak
PE2A10020M2	Mechanisms plus covers with euro profile cyl. hole l=72 mm, black zamak
PE2A10020M4	Mechanisms plus covers with euro profile cyl. hole l=72 mm, white zamak
PE2A10030M3	Mechanisms plus covers with euro profile cyl. hole l=92 mm, silver zamak
PE2A10030M2	Mechanisms plus covers with euro profile cyl. hole l=92 mm, black zamak
PE2A10030M4	Mechanisms plus covers with euro profile cyl. hole l=92 mm, white zamak

For the blind configuration, use both supplied Zamak caps to close off the holes for the cylinder.



Steel bars

Code	Description
PE29TUBEM3	775mm silver steel bar – AM*
PE29TUBEM2	775mm red steel bar
PE29TUBEM4	775mm white steel bar – AM*
PE29TUBEM9	775mm black steel bar
PE29TUBEM8	775mm green steel bar
PE22TUBEM3	1075mm silver steel bar – AM*
PE22TUBEM2	1075mm red steel bar
PE22TUBEM4	1075mm white steel bar – AM*
PE22TUBEM9	1075mm black steel bar
PE22TUBEM8	1075mm green steel bar
PE24TUBEM3	1400mm silver steel bar – AM*
PE24TUBEM2	1400mm red steel bar
PE24TUBEM4	1400mm white steel bar – AM*
PE24TUBEM9	1400mm black steel bar
PE24TUBEM8	1400mm green steel bar

* AM: Antimicrobial finish.



Auxiliary mechanism (hinge side) with microswitch for door status detection, without cover

Code	Description
PE2A1AUXM0	Auxiliary mechanism equipped with microswitch

700 Series

Type B mortice panic exit device

The APOGEO 700 Series is a touch bar panic exit device, developed to provide high durability and continuous performance even under intensive use conditions.

Its solid construction makes it particularly suitable for doors subject to frequent use, where operational stability and safety must be consistently ensured. An ideal solution for high-traffic environments, capable of maintaining reliable performance even under repeated stress.

Technical specifications:

- Reversible
- Steel mechanisms
- Zinc alloy cover
- Steel latch with anti-card function
- Aluminium bar available in various lengths and finishes (also with antimicrobial finish)
- Compatible with 9mm square spindle
- Suitable for single and double leaf doors
- Suitable for fire and smoke-rated doors
- Certified according to CE EN 1125

Available versions:

- With micro-switch

Included in the packaging:

- Mechanism with cover and aluminium bar, including fixing screws
- Fixing plate for external handle

To be ordered separately:

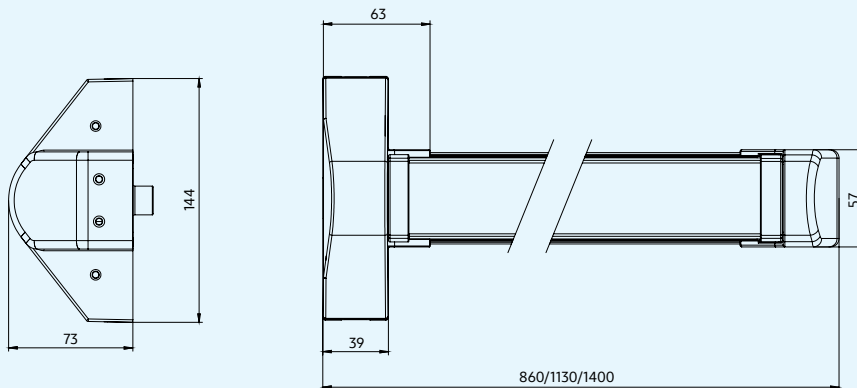
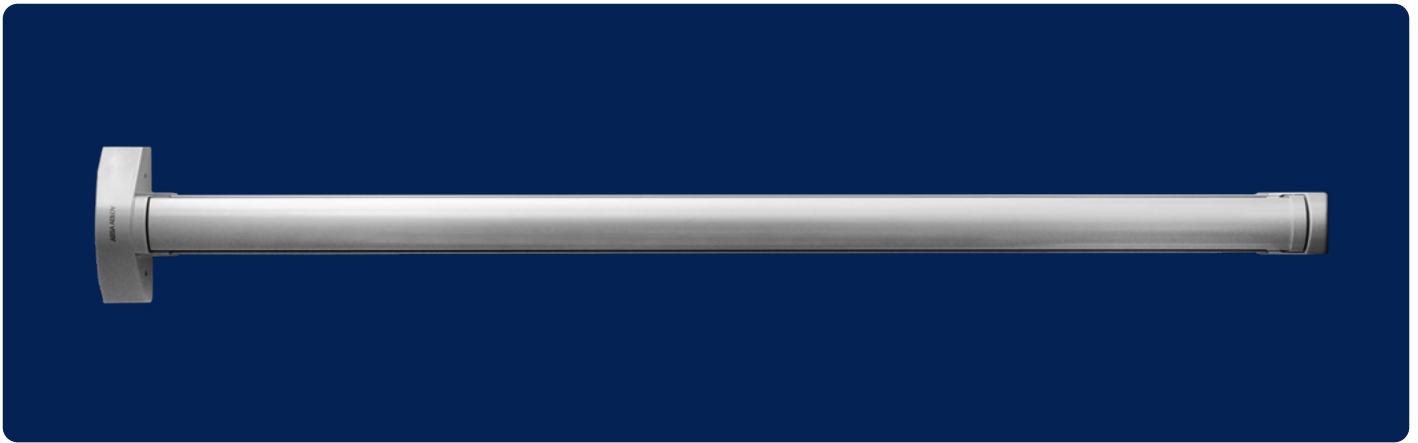
- Cylinder
- Lock for active leaf
- Lock for inactive leaf with rods and re-latching device



**Explore the
700 Series**



ASSA ABLOY



Type B mortice panic exit devices

Code	Description	PED/Bar length	Finish
PED 700/90/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	860/776mm	Silver cover and bar
PED 700/90/NR	Mechanism with zinc alloy cover and aluminium bar	860/776mm	Black cover and red bar
PED 700/90/NV	Mechanism with zinc alloy cover and aluminium bar	860/776mm	Black cover and green bar
PED 700/--/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	1130/1046mm	Silver cover and bar
PED 700/--/NR	Mechanism with zinc alloy cover and aluminium bar	1130/1046mm	Black cover and red bar
PED 700/--/NV	Mechanism with zinc alloy cover and aluminium bar	1130/1046mm	Black cover and green bar
PED 700/1400/GG	Mechanism with zinc alloy cover and aluminium bar - AM*	1400/1316mm	Silver cover and bar
PED 700/1400/NR	Mechanism with zinc alloy cover and aluminium bar	1400/1316mm	Black cover and red bar
PED 700/1400/NV	Mechanism with zinc alloy cover and aluminium bar	1400/1316mm	Black cover and green bar

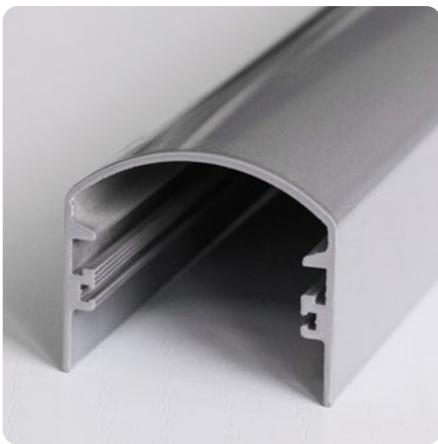
* AM: Antimicrobial finish.

** Panic bar can be shortened to a minimum length of 325 mm (250 mm active bar).



Microswitch kit code for door status detection (hinge side)

Code	Description
KITMICMNB	Microswitch kit



Spare part codes for aluminium bars

Code	Description
TUBE/1046/R	1046mm red aluminium bar
TUBE/1046/G	1046mm silver aluminium bar - AM*
TUBE/1046/V	1046mm green aluminium bar

* AM: Antimicrobial finish.

Additional finishes and lengths available upon request.

Locks for 500 and 700 Series

Locks for active leaf



CF60 mechanical

- Reversible single-point mechanical lock for active leaf
- Suitable for use on fire-rated doors
- Split 9 mm handle spindle
- Steel latch bolt, suitable for fire-rated doors
- To be combined with CF32 counter-locks for double-leaf doors
- Also available with stainless steel faceplate
- Cylinder and striking plate to be ordered separately

Code	Finish	Backset	Center distance	Spindle
N456806509R	Zincata	65mm	72mm	9mm



CF60 solenoid

- Reversible single-point mechanical lock for active leaf
- Suitable for use on fire-rated doors
- Split 9 mm handle spindle
- Steel latch bolt, suitable for fire-rated doors
- To be combined with CF32 counter-locks for double-leaf doors
- Power supply: 12 Vdc / 24 Vdc
- Current consumption: max 550 mA (12 Vdc) / 270 mA (24 Vdc)
- Also available with stainless steel faceplate
- Cylinder and striking plate to be ordered separately

Code	Backset	Center distance	Spindle
N4569065090	65mm	72mm	9mm



2240BA

- Single-point lock for active leaf
- Non-reversible latch and tilting deadbolt
- The 15 mm wide lock cases reduce door machining
- Panic function B
- Split 8 mm handle spindle
- Reinforced hook deadbolt
- Stainless steel faceplate and striking plates
- Supplied with plate, striking plate, escutcheons and cylinder fixing screws
- Cylinder to be ordered separately
- To be used with a Euro profile cylinder with 0° cam

Code	Backset	Hand	Opening	Center distance	Spindle
4240BA30ED5AI	30mm	Right	Outwards	85mm	8mm
4240BA30EI5AI	30mm	Left	Outwards	85mm	8mm
4240BA30ID5AI	30mm	Right	Inwards	85mm	8mm
4240BA30II5AI	30mm	Left	Inwards	85mm	8mm
4240BA35ED5AI	35mm	Right	Outwards	85mm	8mm
4240BA35EI5AI	35mm	Left	Outwards	85mm	8mm
4240BA35ID5AI	35mm	Right	Inwards	85mm	8mm
4240BA35II5AI	35mm	Left	Inwards	85mm	8mm



2230PA

- Multipoint lock for active leaf
- Non-reversible latch and tilting deadbolt
- The 15 mm wide lock cases reduce door machining
- Panic function B
- Split 8 mm handle spindle
- 3 locking points: two tilting deadbolts plus reinforced hook
- Flat profile faceplate, length 2030 mm
- Supplied with plate, striking plate, escutcheons and cylinder fixing screws
- Cylinder to be ordered separately
- To be used with a Euro profile cylinder with 0° cam

Code	Backset	Hand	Opening	Center distance	Spindle
4230PA30ED5AI	30mm	Right	Outwards	85mm	8mm
4230PA30EI5AI	30mm	Left	Outwards	85mm	8mm
4230PA30ID5AI	30mm	Right	Inwards	85mm	8mm
4230PA30II5AI	30mm	Left	Inwards	85mm	8mm
4230PA35ED5AI	35mm	Right	Outwards	85mm	8mm
4230PA35EI5AI	35mm	Left	Outwards	85mm	8mm
4230PA35ID5AI	35mm	Right	Inwards	85mm	8mm
4230PA35II5AI	35mm	Left	Inwards	85mm	8mm

Inactive leaf locks



CF32

- Reversible counter lock for double-leaf doors, to be installed on the passive leaf
- To be used in combination with CF60 lock
- Suitable for fire-rated doors
- Can be operated manually or via panic bar
- 9mm square handle spindle
- When activated, the CF32 mechanism retracts the main lock bolt while simultaneously pulling the upper and lower rods
- For complete configuration, order: counter lock / vertical rod kit / re-latching device

Code	Backset	Center distance	Spindle
CF322EN1SR9ZCE	65mm	72mm	9mm

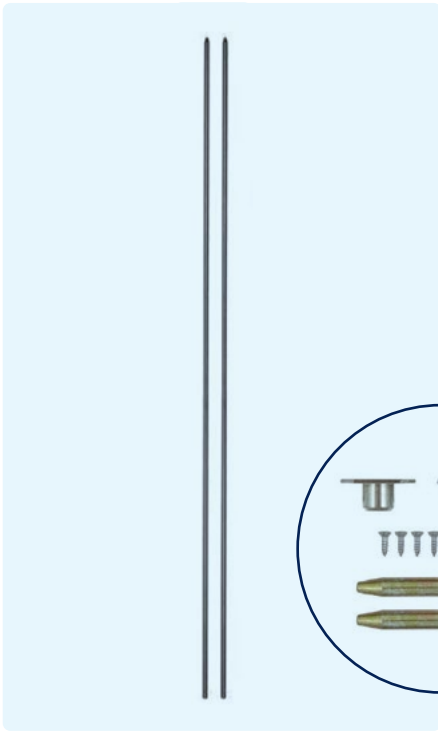


Re-latching device

- When the panic device is actuated, the vertical rods retract and are retained. When the door closes, the trigger engages the strike, releasing the rods and enabling door closure

Code
RETCF32R

Upper and lower rods



Upper and lower connecting rods

- In addition to the rods, the item includes conical tips and upper and lower strike guides
- The tips have a conical design that minimizes release force, and their surface undergoes a carbonitriding process to enhance hardness and wear resistance

Code	Upper rod length	Lower rod length
BARVECF32CE	1210mm	1210mm
BARVECF32CEXL	2100mm	1210mm

Accessories for 500 and 700 Series

External handles and spindles



Rounded external handle with euro profile cylinder plate

- Plastic handle plate with steel backing plate
- Suitable for fire-rated doors
- Fixing screws included
- Compatible with 9mm square spindle, not included

Code	Finish	Spindle	Center distance
PAM21000300000N	Black	9mm	72mm



Rounded external handle with blank plate

- Plastic handle plate with steel backing plate
- Suitable for fire-rated doors
- Fixing screws included
- Compatible with 9mm square spindle, not included

Code	Finish	Spindle	Center distance
PAM21000400000N	Black	9mm	-



External handle with rectangular base

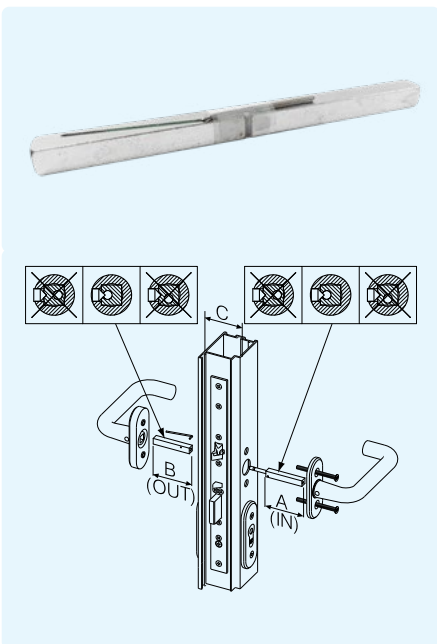
• Compatible with 8mm square spindle

Code	Finish	Spindle
NF9515	Black	8mm



Nylon escutcheon for euro profile cylinder

Code	Finish	Spindle
NF6823	Black	-



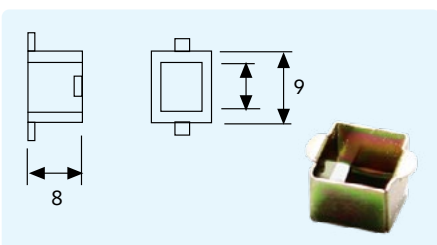
Splitted square spindle

Code	Spindle	Internal side length (A)	External side length (B)
AEA289001000	9mm	47mm	50mm
AEA289002000	9mm	57mm	50mm
AEA289003000	9mm	67mm	60mm
AEA289004000	9mm	74mm	50mm
AEA288001000	8mm	47mm	50mm
AEA288002000	8mm	57mm	50mm
AEA288003000	8mm	67mm	60mm
AEA288004000	8mm	74mm	50mm



Square spindle

Code	Spindle	Length
CUADRAD990S500	9mm	90mm



Square spindle adapter

Code	Description
44900HH	Adapter for square spindle from 8 to 9mm

Yale 500 cylinders

Product family features

- Patent-protected until 2036
- 5 pins
- Nickel-plated brass body
- Pick-resistant
- 3 vertical nickel-plated brass keys included

Available configurations

- KA version: replace KD with KA in the product code
- Locksmith kit for KA and MK version, code YALE500LS



Double cylinder with emergency function

Code	Description	Use with
YC051KD303003N1	Y500 NIC KD 30/30 FRI 3CH	CF60
YC051KD303503N1	Y500 NIC KD 30/35 FRI 3CH	CF60
YC051KD304003N1	Y500 NIC KD 30/40 FRI 3CH	CF60
YC051KD304503N1	Y500 NIC KD 30/45 FRI 3CH	CF60



Half cylinder

Code	Description	Use with
YC052KD301003N1	Y500 nickel-plated KD 30/10 half cylinder, 3 keys	CF60
YC052KD351003N1	Y500 nickel-plated KD 35/10 half cylinder, 3 keys	CF60
YC052KD401003N1	Y500 nickel-plated KD 40/10 half cylinder, 3 keys	CF60



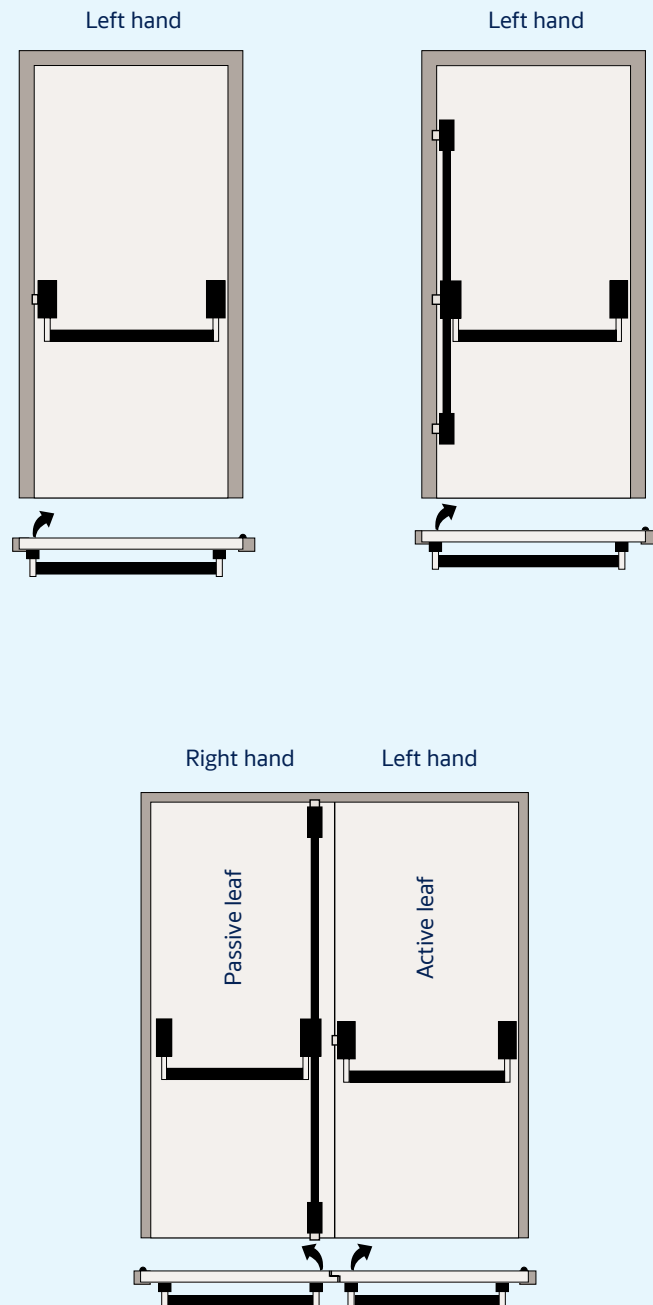
Double cylinder with emergency function, 0° cam

Code	Description	Use with
YC058KD303003N1	Y500 nickel-plated KD 30/30 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD303503N1	Y500 nickel-plated KD 30/35 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD353503N1	Y500 nickel-plated KD 35/35 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD304003N1	Y500 nickel-plated KD 30/40 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD304503N1	Y500 nickel-plated KD 30/45 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD305003N1	Y500 nickel-plated KD 30/50 with 0° cam, 3 keys	2240BA & 2230PA

Installation layouts

500 and 700 Series

Each configuration showcases the versatility of the APOGEO range, while ensuring consistent functionality and reliability.



500 Series Configurations

For single- or double-leaf doors

Required
 Optional
 Alternative
 Finishes and/or variants (see price list)

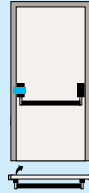
				Left hand	Left hand	Right hand Left hand
Active leaf		Central unit	PE2A100x0Mx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Bar	PExxTUBEMx	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
		Lock	N456x06509x	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
			4240BA3xxx5AI	<input checked="" type="checkbox"/>	-	-
			4230PA3xxx5AI	-	<input checked="" type="checkbox"/>	-
	Ext handle and splitted spindle	PAM21000x00000N + AEA28900x000 NF9515 + AEA28800x000 + 44900HH	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	
	Cylinder	YC051xxxxxxxxxx YC052xxxxxxxxxx	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>	
		YC058xxxxxxxxxx	<input checked="" type="checkbox"/>	<input type="checkbox"/>	-	
Passive leaf		Central unit	PE2A100x0Mx	-	-	<input checked="" type="checkbox"/>
		Bar	PExxTUBEMx	-	-	<input checked="" type="checkbox"/>
		Counter lock	CF322EN1SR9ZCE	-	-	<input checked="" type="checkbox"/>
		Spindle	CUADRAD990S500	-	-	<input checked="" type="checkbox"/>
		Re-latching device	RETCF32R	-	-	<input checked="" type="checkbox"/>
		Upper and lower rods	BARVECF32CExx	-	-	<input checked="" type="checkbox"/>

700 Series Configurations

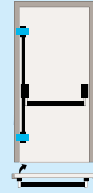
For single- or double-leaf doors

- ◇ Required
- Optional
- Alternative
- x Finishes and/or variants (see price list)

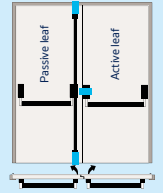
Left hand



Left hand



Right hand Left hand



Active leaf		Central unit with bar	PED 700/xx/xx	◇		◇
		Lock	N456x06509x	● ◇	-	◇
			4240BA3xxx5AI	● ◇	-	-
			4230PA3xxx5AI	-	◇	-
		Ext handle and splitted spindle	PAM21000x00000N + AEA28900x000	● □	-	□
NF9515 + AEA28800x000 + 44900HH			● □	□	-	
	Cylinder	YC052xxxxxxxxxx	● □	-	□	
		YC058xxxxxxxxxx	● □	□	-	
Passive leaf		Central unit with bar	PED 700/xx/xx	-	-	◇
		Counter lock	CF322EN1SR9ZCE	-	-	◇
		Spindle	CUADRAD990S500	-	-	◇
		Re-latching device	RETCF32R	-	-	◇
		Upper and lower rods	BARVECF32CExx	-	-	◇



Standards and certifications

The APOGEO range is distinguished by its approach to safety, based on objective testing and well-established regulatory criteria. The certifications accompanying the product provide a clear and measurable guarantee of its performance.

Standard EN 1125:2008				
1	Category of use	Single category, grade 3: high frequency of use		
2	Durability (cycles)	Grade 6: 100.000	Grade 7: 200.000	
3	Door mass (kg)	Grade 5: up to 100	Grade 6: up to 200	Grade 7: over 200
4	Suitability for fire/smoke doors	Grade 0: not suitable	Grade A: suitable	Grade B: suitable (in accordance with EN 1634-1)
5	Safety	Single category, grade 1		
6	Corrosion resistance	Grade 3: high resistance 96h	Grade 4: very high resistance 240h	
7	Security	Single category, grade 2		
8	Projection of device	Grade 1: projection up to 150mm	Grade 2: projection up to 100mm	
9	Type of device	Type A: push bar	Type B: touch bar	
10	Field of door application	A: single or double leaf door (active or passive)	B: single door (active only)	Single or double leaf door (passive only)

Classification EN1125:2008										
Model	1	2	3	4	5	6	7	8	9	10
200 Series	3	7	6	B	1	3	2	2	A	A
300 Series	3	7	6	B	1	3	2	2	B	A
500 Series (PE2A1) + CF60	3	7	6	B	1	3	2	2	A	A
500 Series (PE2A1) + CF32	3	7	6	B	1	3	2	2	A	C
500 Series (PE2A1) + 2230PA	3	6	6	0	1	3	2	2	A	B
500 Series (PE2A1) + 2240BA	3	6	6	0	1	3	2	2	A	B
700 Series + CF60	3	7	6	B	1	3	2	2	B	A
700 Series + CF32	3	7	6	B	1	3	2	2	B	C
700 Series + 2230PA	3	6	6	0	1	3	2	2	B	B
700 Series + 2240BA	3	6	6	0	1	3	2	2	B	B



Visit the **500 Series** page to discover all certified locks compatible with the panic bar.



The 500 Series panic bar is compatible with certified high-security locks, including motorized versions. To match the panic bar with one of these locks, simply choose the model with the PE2A2 prefix instead of PE2A1 (e.g. by ordering code PE2A20020M3 instead of code PE2A10020M3).

Because safety isn't just a function — it's a responsibility you can rely on.

In public environments, as well as in industrial and commercial settings, **safety plays a decisive role**. Regulations concerning escape routes and the protection of people now make it essential for exit doors in public spaces, entertainment venues and commercial facilities to be equipped with **reliable, compliant** panic exit devices.

The primary function of a panic device is clear: **to ensure immediate, safe and effective egress**, even under conditions of stress, crowding or limited visibility.

Putting people first

Protecting people and safeguarding assets are at the core of every ASSA ABLOY solution. Each device is designed to be accessible to everyone, enabling instant door opening — even for children, the elderly or people with reduced mobility — without the need for prior knowledge or instructions.

In emergency situations, there must be no obstacles: **no keys, no additional operations, no uncertainty**. Only an exit that is always accessible, clear and secure — designed to guide people outside in the most direct way possible.



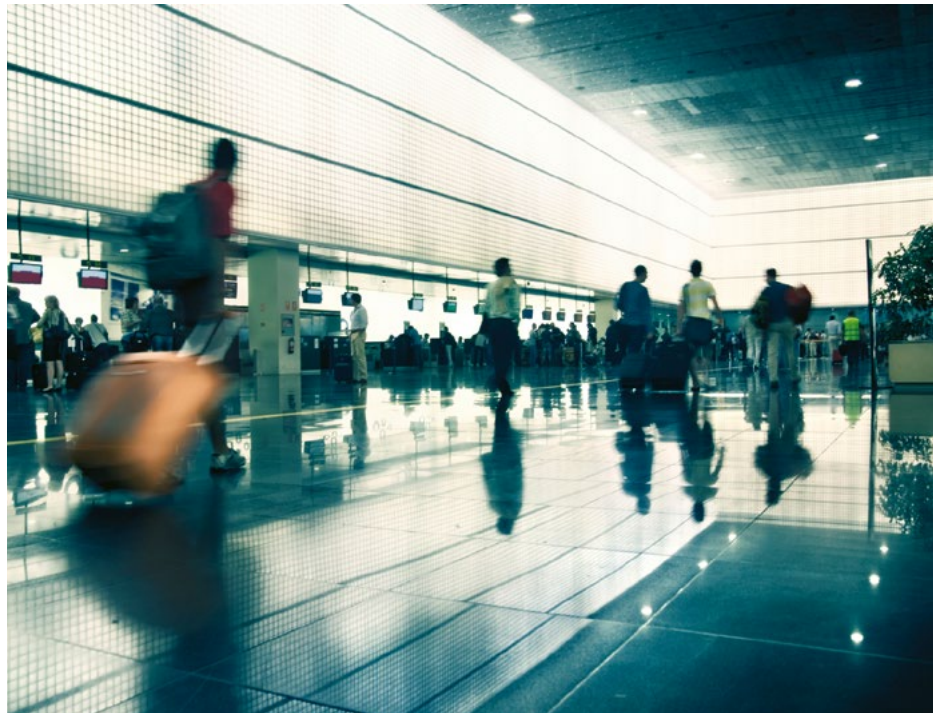
The value of a consistent, well-structured system

Standards backed by informed protection

Emergency exits play a crucial role in managing critical situations. For this reason, the European Commission has established specific harmonised standards: **EN 1125**, dedicated to panic exit devices for public environments, and **EN 179**, relating to emergency exit devices used in settings where occupants are already familiar with escape routes.

The **EN 1125** standard sets stringent performance requirements to ensure rapid and efficient evacuation, requiring the minimum possible physical effort, even from untrained users.

EN 179, on the other hand, applies to controlled situations in which occupants are already familiar with the operation of the door and its opening system.



The next generation of panic exit devices

Through a product-focused approach, the APOGEO range elevates the performance of panic exit devices, ensuring complete compliance with all relevant standards.

It is ASSA ABLOY's answer to the evolving needs of modern safety, in every architectural and application setting.



Find the most suitable
solution for your project.

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Experience a safer
and more open world

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