

500 Series

Type A mortice panic exit device



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:

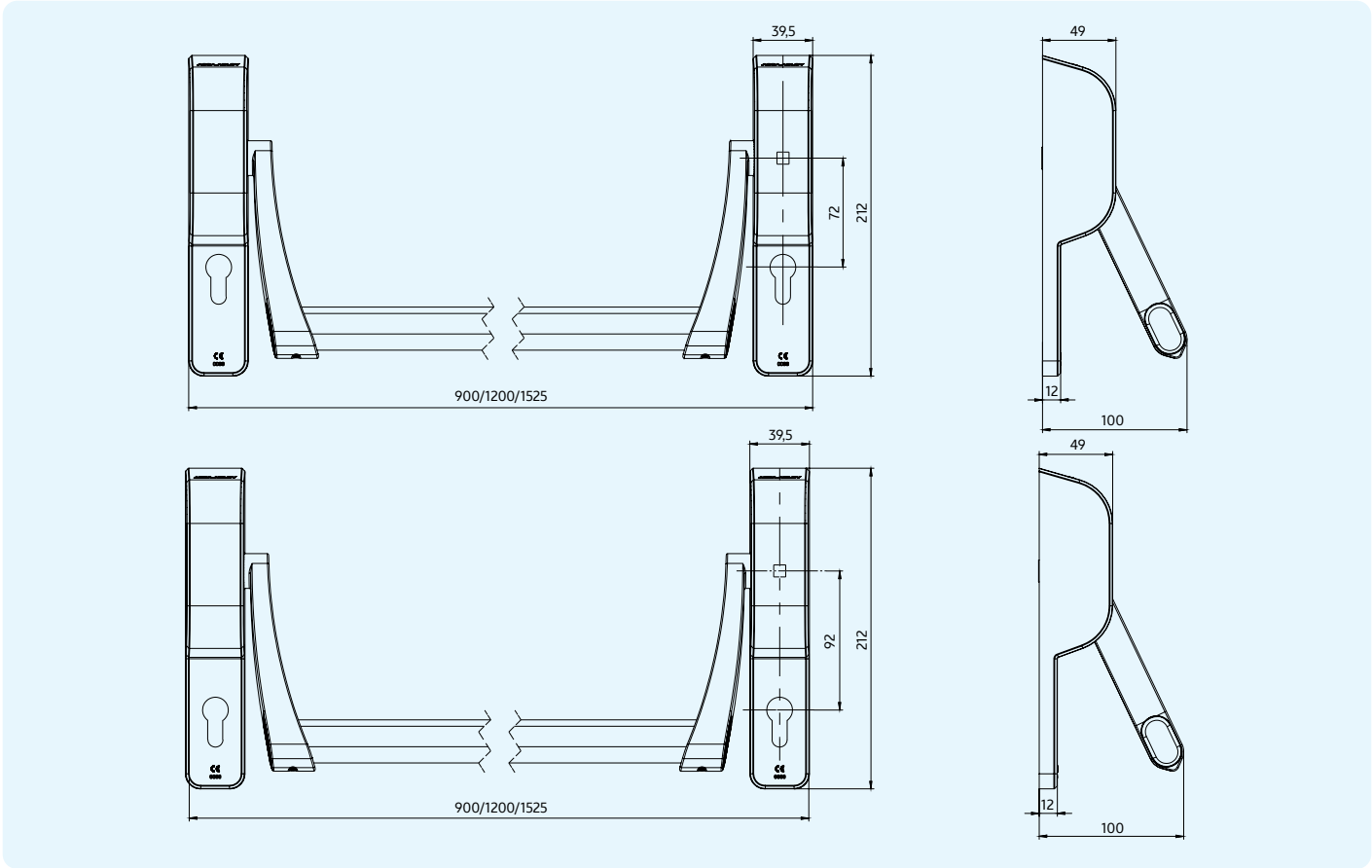
- Bar
- Cylinder
- Lock for active leaf
- Lock for inactive leaf with rods and re-latching device



**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

Locks for 500 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

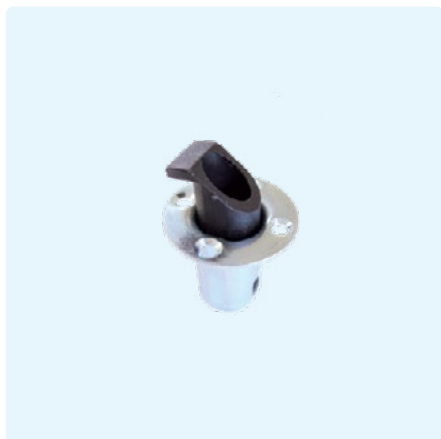
- Reversible counter lock for double-leaf doors, to be installed on the passive leaf
- To be used in combination with CF60 lock
- Suitable for fire-rated doors
- Can be operated manually or via panic bar
- 9mm square handle spindle
- When activated, the CF32 mechanism retracts the main lock bolt while 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

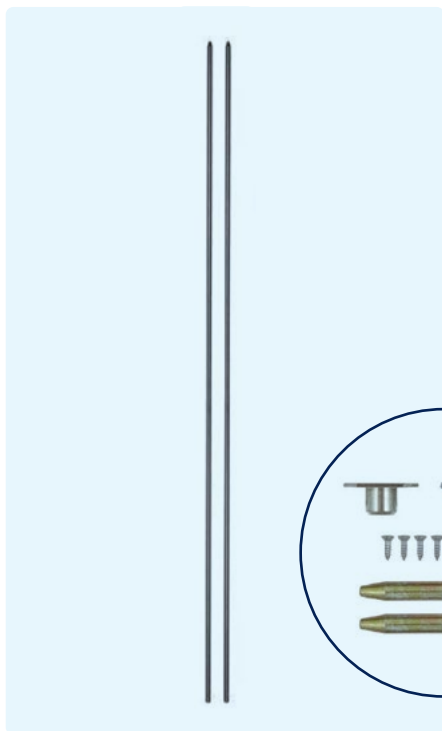
Re-latching device

- 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



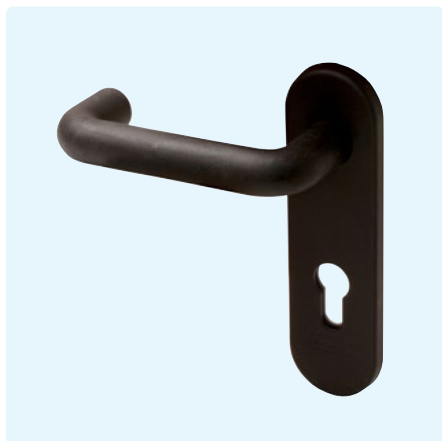
Upper and lower connecting rods

- 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 500 Series

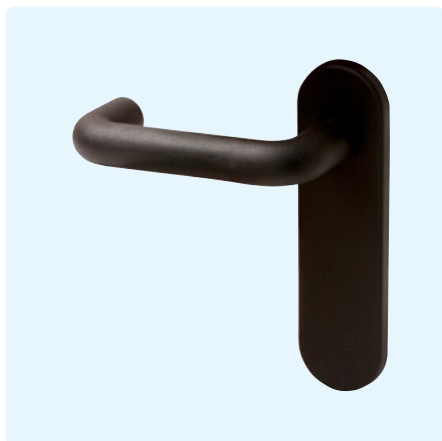
External handles and spindles



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

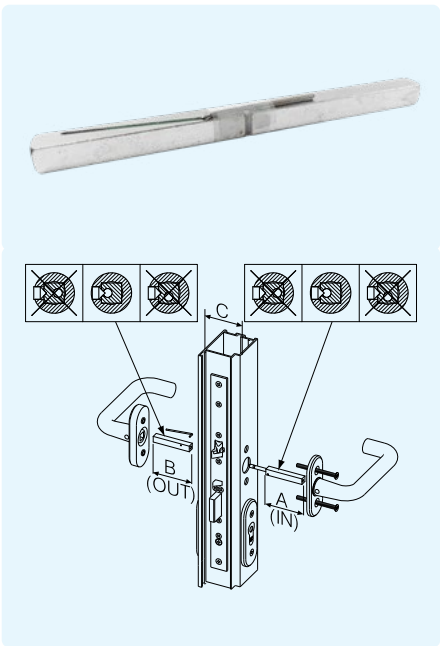
- Compatible with 8mm square spindle

Code	Finish	Spindle
NF9515	Black	8mm



Nylon escutcheon for euro profile cylinder

Code	Finish	Spindle
NF6823	Black	-



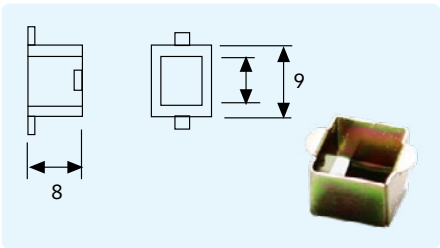
Splitted square spindle

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	Lenght
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

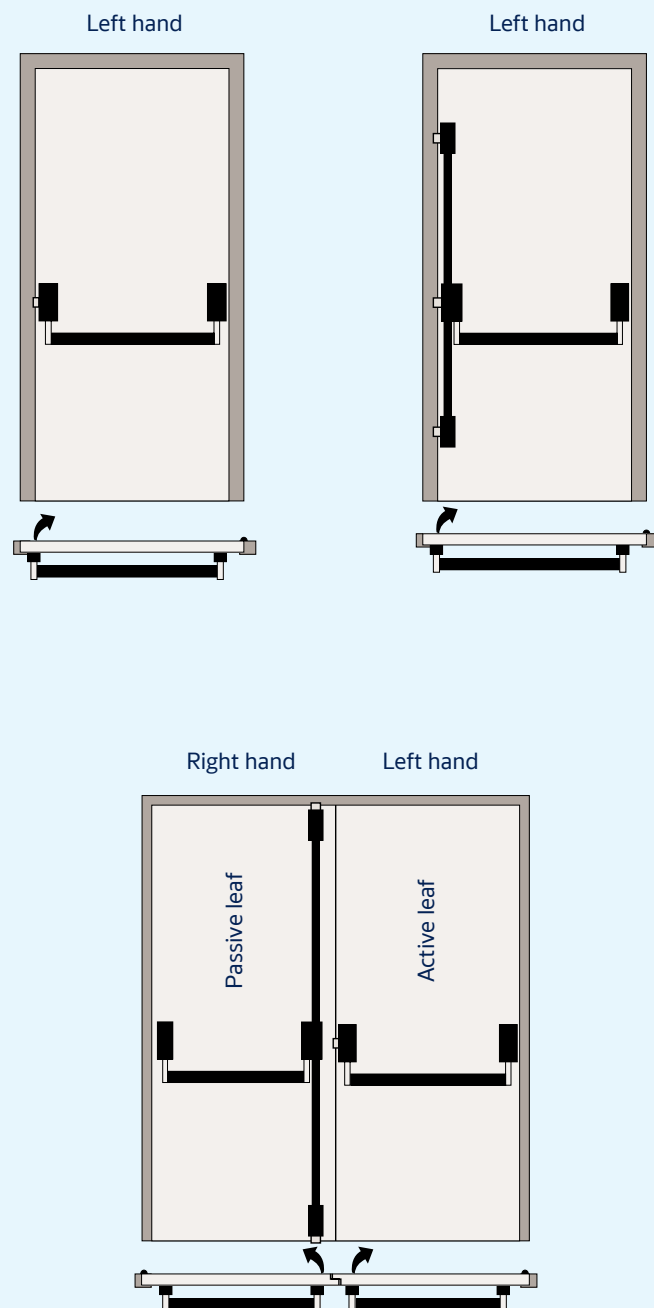
Code	Description	Use with
YC058KD303003N1	Y500 nickel-plated KD 30/30 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD303503N1	Y500 nickel-plated KD 30/35 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD353503N1	Y500 nickel-plated KD 35/35 with 0° cam, 3 keys	2240BA & 2230PA
YC058KD304003N1	Y500 nickel-plated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

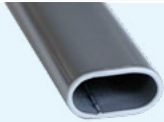
500 Series

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 x Finishes and/or variants (see price list) Left hand Left hand Right hand Left hand		
Active leaf		Central unit	PE2A100x0Mx	◊	◊	◊
		Bar	PExxTUBEMx	◊	◊	◊
		Lock	N456x06509x	● ◊	-	◊
			4240BA3xxx5AI	● ◊	-	-
			4230PA3xxx5AI	-	◊	-
		Ext handle and splitted spindle	PAM21000x00000N + AEA28900x000 NF9515 + AEA28800x000 + 44900HH	● □	-	□
		Cylinder	YC051xxxxxxxxxx YC052xxxxxxxxxx	● □	-	□
			YC058xxxxxxxxxx	● □	□	-
Passive leaf		Central unit	PE2A100x0Mx	-	-	◊
		Bar	PExxTUBEMx	-	-	◊
		Counter lock	CF322EN1SR9ZCE	-	-	◊
		Spindle	CUADRAD990S500	-	-	◊
		Re-latching device	RETCF32R	-	-	◊
		Upper and lower rods	BARVECF32CExx	-	-	◊



Putting people first

Find the most suitable
solution for your project.

ASSA ABLOY Italia S.p.A.
www.assaabloy.it

© ASSA ABLOY | 06-2026

Experience a safer
and more open world

ASSA ABLOY