

Electric Bolts from effeff



Motorized power cam-action bolt
Model 842


ASSA ABLOY

Motorized locking system with fail-unlocked mode

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Motorized power cam-action bolt

Technical data



Motorized power cam-action bolt model 842-SA-----Q41

Model 842 is a motorized power cam-action bolt which pushes the bolt outwards and pulls it back with a high motorized force. The bolt travels into the striking plate with V-shaped cutout. This has the advantage that the bolt can also be locked out if the striking plate and bolt are not positioned exactly to each other.

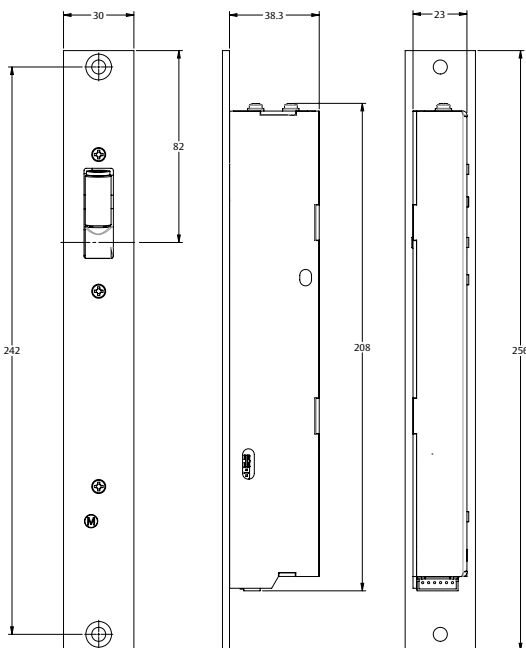
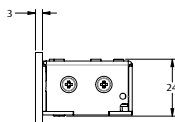
The power cam-action bolt is a motorized lock with fail-unlocked function, which means that the bolt is unlocked with spring force in the event of a power failure. The power cam-action bolt can be mounted hidden in the door frame or door leaf.

Overview of advantages

- Motorized locking with fail-unlocked function
- The bolt is also locked out if the striking plate does not match the bolt exactly.
- For horizontal and vertical mounting (for horizontal mounting, only closed downwards, not closed in the ground)
- Unlocking under preload
Max. 100 N with connected supply voltage (motorized unlocking)
Max. 30 N when power is switched off (fail-unlocked function, unlocking via spring force)
- Can be switched easily from fail-unlocked function to fail-locked function (no unlocking in the event of a power failure!)
- Surface mounting on glass doors possible with optional housing 842-4 and additional adhesive kit 760-RK15000
- Automatic unlocking for 3 seconds via integrated control
- Integrated bolt position monitoring contact
- Suitable for short and permanent release
- Suitable for swing doors
- Striking plate with built-in magnet for door status detection
- Please note: not approved for escape route doors

Scope of delivery

- 1 electric power cam bolt
- 1 striking plate
- 1 set of operating instructions



Technical data

Type	Fail-unlocked
Rated operating voltage	12V +15%/-0% - 24V +15%/-15%
Starting current	500 mA
Current consumption for unlocking	260 mA
Withstand current:	
Fail-unlocked	130 mA
Fail-locked	30 mA
Required power supply	12 - 24 V 1 A, regulated
Diameter bolt	11 mm
Bolt throw	20.5 mm
Break-in resistance	Max. 10.000 N with fully reinforced face plate and striking plate
Depth bolt	42 mm
Face plate length	256 mm
Width face plate	30 mm
Thickness face plate	3 mm
Installation position	Vertical and horizontal (closed downwards only)
Permanent operation test	> 300,000 cycles
Unlocking under motorized pre-loading, with voltage	max. 100 N
Unlocking under spring-loaded pre-loading, without voltage	max. 30 N

Motorized power cam-action bolt

Accessories



Masonry box

Stainless steel masonry box for holding the cam-action bolt model 842-SA or matching striking plate

Overview of advantages

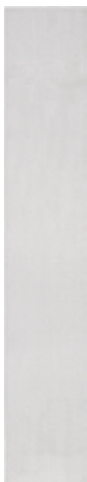
- Can be surface-mounted on glass doors with optional adhesive set 760-RK1500 and screening plate 842-7

Scope of delivery

- 1 surface-mounted casing

Technical data	
Length	284 mm
Width	47.5 mm
Depth	34 mm

Feature	Order code
Masonry box	8 4 2 - 4 - - - - - 3 5



Screening plate

Stainless steel plate for use with masonry box 842-4, as a screening plate for the adhesive surface of the masonry box for glass surfaces.

Scope of delivery

- 1 screening plate

Technical data	
Length	284 mm
Width	48 mm
Depth	1 mm

Feature	Order code
Screening plate	8 4 2 - 7 - - - - - 3 5



Adhesive set

Two-component adhesive, consisting of adhesive and activator.

Installation using adhesive without mixing two components (adhesive and activator).

Six cleaning cloths are included as accessories.

Feature	Order code
Adhesive set	760-RK1500--00

The ASSA ABLOY Group is the global leader in access solutions. Every day we help people feel safe, secure and experience a more open world.

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