

## High security DIN standard handle controlled multipoint lock for narrow profile doors

High security locks EL466/467/468/469 are used especially in situations where the advantages of handle-controlled unlocking have to be combined with the mechanical security requirements. Two auxiliary locks with hook bolts offer even higher security level to demanding customers. The integrated monitoring contacts from the lock can be connected to the different systems.

The exit side settings (EL466/468) and selecting between fail-locked and fail-unlocked can be performed on the lock as required.

Outside handle is engaged electrically, e.g. by electric access control. By pressing engaged handle, dead bolt and hook bolts are retracted and double action latch released.

Both handles are engaged electrically e.g. by electric access control. By pressing engaged handles, dead bolt and hook bolts are retracted and double action latch released.

- Overview of Advantages
  - Mechanical automatic locking system
  - Non handed
  - Exit side can be changed over \*
  - Can be changed between fail-unlocked & fail-locked
  - Burglary-resistant due to dead bolt with 20 mm throw and auxiliary hook bolts
  - Exit function by inside handle \*
  - Suitable for fire doors
  - Controllable outside handle \*
  - Mechanical override with cylinder
  - Monitoring functions
    - Door status
    - Handle down
    - Bolt deadlocked
    - Bolt in
    - Key cylinder used
    - Sabotage loop

The technical drawings show two types of window frames, labeled \*EL466 and \*\*EL468. Each type has a side view and a front view.

- \*EL466 Side View:** Shows a frame profile with a total height of 1760 / 2000 mm. Key dimensions include a top flange width of 6.5 mm, a main body width of 24 mm, and a bottom flange width of 14.5 mm. The inner opening height is 123 mm. A depth dimension of 37.5 mm is shown at the bottom.
- \*\*EL468 Side View:** Similar to \*EL466, but with a different bottom flange design. The total height is also 1760 / 2000 mm. The bottom flange width is 14.5 mm, and the inner opening height is 123 mm.
- \*EL466 Front View:** Shows the frame from the front. The total height is 1760 / 2000 mm. It features a central pane area with a width of 91 mm and a height of 76 mm. The frame has a complex multi-chambered design with various internal widths and depths. Key dimensions include 45, 50, 55, 60 mm for the top section; 30, 35, 40, 45 mm for the middle section; and 21 mm for the bottom section. Hole diameters are specified as  $\phi 10.5$ ,  $\phi 10.5$ ,  $\phi 7$ ,  $\phi 8$ ,  $\phi 8.5$ ,  $\phi 5.5$ , and  $\phi 4.5$ . A note indicates "PZ92\*/RZ94\*\*".
- \*\*EL468 Front View:** Similar to \*EL466, but with a different internal chamber configuration. The total height is 1760 / 2000 mm. The central pane area is 91 mm wide and 76 mm high. Dimensions for the top section are 45, 50, 55, 60 mm; for the middle section, 30, 35, 40, 45 mm; and for the bottom section, 21 mm. Hole diameters are  $\phi 10.5$ ,  $\phi 10.5$ ,  $\phi 7$ ,  $\phi 8$ ,  $\phi 8.5$ ,  $\phi 5.5$ , and  $\phi 4.5$ . A note indicates "PZ92\*/RZ94\*\*".

- 1 pcs lock case
- Operating manual

- Strike plate (e.g. EA330 + 2 x EA306)
- Cable EA218 (6m) / EA219 (10m)
- Lead cover EA280/281
- Handle set (e.g. EH006/0750) and spindle
  - Split spindle EA288/289 with EL466/468
- Cylinder(s) (e.g. CY321T)

Handing	Non-handed
Exit function	Yes (EL466/468)
Mechanical cylinder override	Yes
Latch	Double action latch
Dead bolt	Yes, 20mm
Hook bolts	24mm
Forend	U-shape (metal doors) or flat (wooden doors)
Input operating voltage	12-24 VDC
Rated current consumption	12 V DC idle 240 mA, max. 550 mA 24 V DC idle 130 mA, max. 300 mA
Microswitch capacity (monitoring contacts)	Max. 0.5 A 30 V AC/DC resist.10 W
Suitable for fire doors	Yes
EN 1125:2008	3S2D- L611
EN 179:2008	376B1342AB (EL466/468)
EN 1125:2008	376B1321AB (EL466/468)

An ASSA ABLOY Group brand **ASSA ABLOY**

# ABLOY