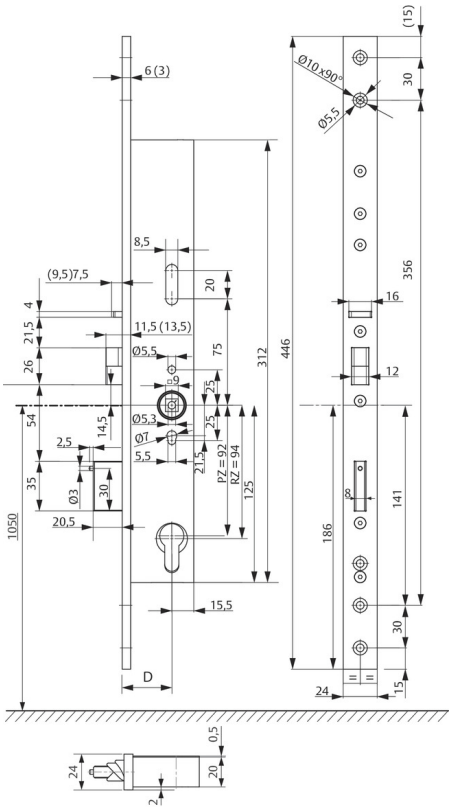
OneSystem panic security lock

ASSA ABLOY



Product description

- The 309N is a self-activating panic lock for single-leaf doors. It fulfills the requirements for burglary-resistant doors, fire doors, emergency exit doors and panic doors in accordance with EN 179 and EN 1125. A mechanical sequence control system reliably prevents unwanted extension of the bolt when the door is open. The lock can be used universally for DL/DR with a universal double action latch and switchable control latch. The outwards or inwards opening panic side is also reversible.

Overview of Advantages

- Environmental product declaration (EPD) in accordance with EN 15804 (in preparation)
- Tested for 500,000 cycles and 300 kg door weight
- Lock variants for double-leaf doors with full panic function, passive leaf lock with security top rod for RC doors (in preparation)
- Self-locking with mechanical sequence control system
- Suitability for fire doors, EN 1634-1
- Tested in accordance with EN 179/EN 1125
- Mechanical locking 309N/319N: Versions with panic function E and B
- 6 mm full face plate for added security
- Uniform lock case dimensions, compatible with 809N/819N (electro-mechanical) and 509N/519N (motor lock)
- Suitable for DIN left/right use thanks to universal double action latch and reversible control latch
- Security fittings and oval roses can be screwed on through the lock
- Panic side outwards or inwards opening, reversible (panic function B)
- Solid, surface-hardened deadbolts with 20 mm throw, transverse shear stress 20,000 N
- One variant for Euro profile cylinder and Swiss round profile cylinder

Note

- Striking plate must be ordered separately.

Technical data

Certified in compliance with	EN 179 / EN 1125
Dimension housing	312 x 20 x Dornmaß + 15,5 mm (L x B x H)
Side deadbolt stress according to EN 12209	20.000 N
Deadbolt counterforce according to EN 12209	6.000 N
Distance	92 mm
Face plate length	446 mm
Mounting	Panic security lock, mechanical
Panic function	E
Backset	55 mm
Handle follower	9 mm
Bolt throw	20 mm
Faceplate dimensions	446 x 24 x 6 mm
Material faceplate	Chrome-plated steel
Article number	309NE0014500000

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