

Handle-operated panic security lock 809NE



Product description

- The 809N is a self-activating panic lock with electro-mechanically coupling external handle 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, switchable control latch and panic side. The fail-locked or fail-unlocked operating mode can be switched on the lock. Integrated electronic control device for external triggering or connection to the ASSA ABLOY Hi-O bus System.
- Integrated monitoring functions via contactless sensors for status query via the external OneSystem IO module:
 - Door status via striking plate contact
 - Bolt retracted and bolt extended
 - Cylinder monitoring
 - Handle follower monitoring inside and outside
 - Status handle coupling engaged/disengaged

Overview of Advantages

- Integrated motor coupling for controlling the outer handle
- Integrated electronic control device for external activation without additional control, additional functions via the external OneSystem IO module available as an alternative
- Hi-O bus technology for connection to the ASSA ABLOY Hi-O bus system
- Integrated monitoring functions via contactless sensors for status query via the external OneSystem IO module:
 - Door status via striking plate contact
 - Bolt position retracted and extended
 - Cylinder monitoring
 - Handle follower monitoring outside and inside
 - Handle coupling on or off
- Uniform connection technology: 2-wire bus technology
- 6 mm full face plate for added security
- Uniform lock case dimensions, compatible with 309N/319N (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
- 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

- Connection cable must be ordered separately.

Technical data

Input operating voltage	12 -24 V DC +/- 15%
Rated current consumption	50 mA (locked in idle state)
Stromaufnahme (Kupplung aktiv)	80 mA (<500mS)
Alternative function	Yes
Backset	35, 40, 45, 55, 65, 80 mm
Distance	92 mm (prepared for Euro profile cylinder), 94 mm (prepared for Swiss round cylinder)
Bolt throw	20 mm
Material faceplate	Chrome-plated steel
Handle follower	9 mm
Dimension housing	328 x 20 x Dornmaß + 15,5 mm (L x B x H)
Faceplate dimensions	446x 24 x 6 mm
Side deadbolt stress according to EN 12209	20.000 N
Deadbolt counterforce according to EN 12209	6.000 N
Certified in compliance with	EN 179 / EN 1125

