



Product description

- The 809N0 is a self-activating lock with electro-mechanically coupling door handle on the outside and inside for single-leaf doors. It fulfills the requirements for burglary-resistant doors and fire doors, which have no additional emergency exit door or panic door requirements. 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 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

- Striking plate 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)
Distance	94 mm
Backset	40 mm
Face plate length	446 mm
Mounting	Handle-controlled security lock with continuous handle follower
Panic function	Nein
Alternative function	Yes
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

Article number 809N00011900000

