Handle- operated security lock 809N0

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 strike plate contact
- · Bolt retracted and bolt extended
- Cylinder monitoring
- Handle follower monitoring inside and outside Status handle coupling engaged/disengaged

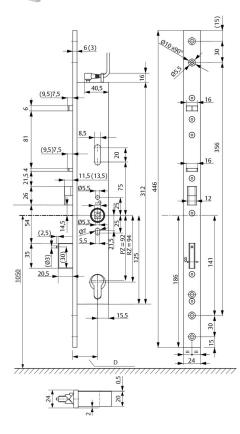
Overview of Advantages

- ntegrated 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 strike 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
- 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

• 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 (
Alternative function	Yes
Backset	35, 40, 45, 55, 65, 80 mm
Distance	92 mm
Bolt throw	20 mm
Material face plate	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
Monitoring	Yes
Top locking	No
Self-locking system	Yes
Door type	Aluminium/steel profile
Functions	Handle-operated
door system	Single-leaf door
Screw type	Mortise lock
Brandschutz	Yes
Leaf type	Active door leaf
Face plate shape	F6 x 24 mm



Face plate length	446 mm
Mounting	Handle-controlled security lock with continuous handle follower
Panic function	Nein

Variants that can be ordered

Order number	Backset
809N00010500000	35 mm
809N00011500000	40 mm
809N00012500000	45 mm
809N00014500000	55 mm
809N00016500000	65 mm
809N00018500000	80 mm