

Handle- controlled security lock 819NE with latch lock

Product description

- The 819N is a self-activating panic lock with multi-point 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. In contrast to the standard version 819NE, an additional latch lock is integrated in the face plate. It acts as the mating component for use with an escape door strike as an escape door lock.

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)
Bolt throw	20 mm
Distance	92 mm (prepared for Euro profile cylinder), 94 mm (prepared for Swiss round cylinder)
Backset	35, 40, 45, 55, 65, 80 mm
Handle follower	9 mm
Certified in compliance with	EN 179 / EN 1125
Material faceplate	Chrome-plated steel
Dimension housing	328 x 20 x Dornmaß + 15,5 mm (L x B x H)
Faceplate dimensions	1760 x 24 x 6 mm
Side deadbolt stress according to EN 12209	20.000 N
Deadbolt counterforce according to EN 12209	6.000 N
Alternative function	Yes

Variants that can be ordered

Order number	Panic function	Distance
819NE0F1*540000	Ja	92 mm
819NE0F1*940000	Ja	94 mm

