



### 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. 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

- 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   |
| Backset                                     | 35, 40, 45, 55, 65, 80 mm                         |
| Handle follower                             | 9 mm  |
| Certified in compliance with                | EN 179 / EN 1125                                  |
| Shape                                       | F6 x 24 mm  |
| Material faceplate                          | Chrome-plated steel                               |
| Face plate length                           | 1760 mm   |
| Dimension housing                           | 328 x 20 x Dornmaß + 15,5 mm (L x B x H)          |
| Faceplate dimensions                        | 1760 x 24 x 6 mm                                  |
| Mounting                                    | Handle-controlled panic security multi-point lock |
| Panic function                              | Ja  |
| Side deadbolt stress according to EN 12209  | 20.000 N  |
| Deadbolt counterforce according to EN 12209 | 6.000 N   |
| Alternative function                        | Yes   |

