





## High-security lock with external control 509X102PZ----1



The motorized security lock is used especially in situations where the advantages of motor-powered unlocking have to be combined with the mechanical security requirements of the above-mentioned lock models 309X and 409X. The integrated monitoring contacts enable information to be provided on the important locking states.

The bolt is retracted by an electric motor and pre-tensioned by a spring mechanism. When the door is closed, the control latch ensures that the pre-tensioned bolt is fully extended and the double action latch blocked which also improves the level of security obtained.

The lock operates according to the fail-unlocked principle and remains locked when the current fails and can only be opened by a key or by operating the internal door handle.

## **Overview of Advantages**

- Mechanical automatic locking system
- With double action lock, so can be used with both DIN left-hand and right-hand
- · Mechanical self-locking process control between double action lock and control latch
- Burglary-resistant due to solid bolt with 20 mm throw
- Burglary resistance up to resistance class 2 can be achieved in suitable door systems
- Panic function approval in accordance with EN 179 approval in accordance with EN 1125 Suitable for fire doors
- · Motorised unlocking, so ideally suited for combining with door automation systems • Used with front door furniture
- Alternative function for unlocking with key from outside
- Monitoring functions

## Scope of delivery

- 1 piece security lock
- 1 operating manual

## Technical data

l'echnical data	
Panic function	Yes
Alternative function	Yes
Backset	30 mm
Face plate width	24 mm
Static latch bold load	5 kN
Static bolt load	10 kN
Bolt counterpressure	6 kN
Approvals	DIN EN 1125 EC Declaration of Conformity certificate: 0432-BPR-0017
Approvals	DIN EN 179 EC Declaration of Conformity certificate: 0432-BPR-0001
Backset	30 mm
Follower	9,00 mm
Distance	92,00 mm
Face plate width	24,00 mm
Latch	double action latch
Suitable for fire doors	yes (in connect. with fire detector)
Monitoring contact	Yes
Combination door autom.	Yes
Load bearing capacity microswitch 24V DC	200 mA
Input operating voltage	12-24 V
Rated current consumption 12 V DC	1300 mA
Rated current consumption 24 V DC	600 mA
FAN Newslaw	

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