

High- security lock with external control 509X901PZ

Backset 100 mm



Product description

- 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
- 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, DIN right
- 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
- Motorized unlocking, so ideally suited for combining with door automation systems
- Used with front door furniture
- Changeover function for unlocking with a key from the outside
- Monitoring functions

Scope of delivery

- 1 piece security lock
- 1 operating manual

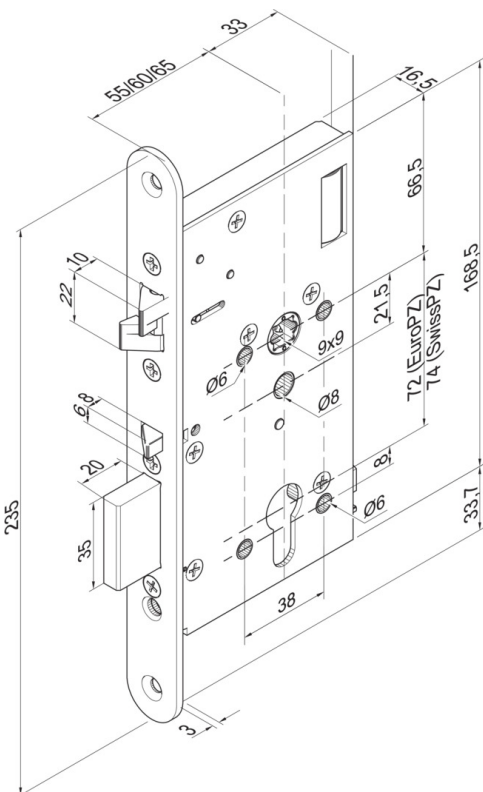
Note

- The locks of the model series 509X have a continuous follower and therefore, require front door furniture (internal handle or panic bar, external knob or bar).
- The lock is actuated by a card reader, code lock, timer switch, button, etc.

Technical data

Maximum load microswitch 24 V DC	200 mA
Input operating voltage	12-24 V
Current consumption 12 V DC	1300 mA
Current consumption 24 V DC	600 mA
Alternative function	Yes
Panic function	Yes
Backset	100 mm
Static latch bold load	5 kN
Connection	Via motorized lock control unit 509XSTRG
Static bolt load	10 kN
Operating temperature range	-20 °C to +60 °C
Bolt counterpressure	6 kN
Class of protection	IP 40
Width	192 mm
Height	110 mm
Latch	Double action latch
Depth	45 mm
Distance	74 mm
Suitable for fire doors	Yes
Bolt throw	20 mm
Monitoring contact	Yes
Combination door autom.	Yes
Handle follower	9 mm
Approval DIN EN 179	Certificate of Constancy of performance 0432-CPR-00007-11
DIN EN 1125 approval	Certificate of Constancy of performance 0432-CPR-00007-12
Building authorities test certificate	P-120003555
Width face plate	20 mm

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EAN-Number

4042203324688
