

Product description

The motorised lock model 509E fulfils all convenience and security requirements. The motorised lock 509E is a self-locking panic lock with a motorised unlocking function for the latch and the bolt.

The lock has integrated control electronics, which enable it to be controlled using a potential-free contact via access controls, intercoms and timing units. The add-on module 901-IC-4 can be used to access a broad range of lock signals and set various lock functions.

The motorised lock meets high standards in mechanical security thanks to its automatic self-locking function, the 20 mm hardened extension lock bolt and a locking latch.

The requirements for the use with fire doors are also met and the lock is also suitable for emergency exits in accordance with DIN EN 179 and panic doors in accordance with DIN EN 1125.

Overview of Advantages

- Mechanical automatic locking system
- Mechanical automatic locking process control between latch and control latch
- Electronic process control of the self-locking system through the integrated door sensor and bolt contact
- Burglary-resistant thanks to solid, hardened lock 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 use with fire protection doors – evidence of conformity in the form of general test certificate; the add-on module 901-IC-4 and FS module 519ZBFS are required!
- Motorised unlocking of the latch and bolt make the product suitable for use with door automation
- Monitoring functions (only with add-on module 901-IC-4)
- Permanently open function, not permitted for fire and smoke protection doors
- Lock with transmission function for unlocking using a key from the outside
- Used with front door furniture

Scope of delivery

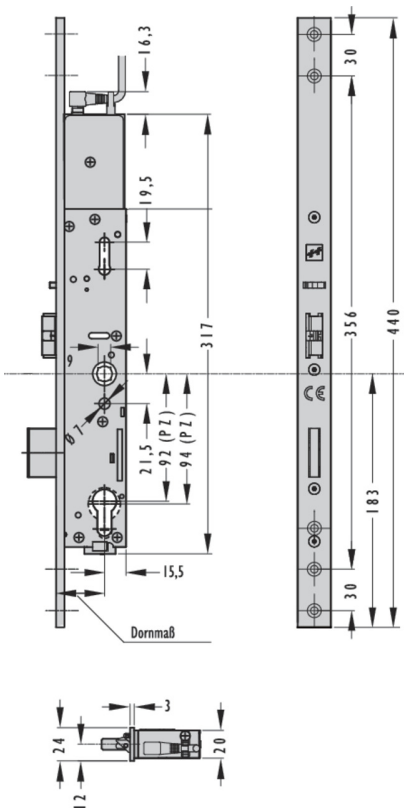
- 1 x motorised lock
- 1 operating manual

Note

- Connecting cable must be ordered separately

Technical data

Input operating voltage	24V, +10%
Current consumption standby, with UII module	70 mA
Current consumption standby, with UII module and FS module	90 mA
Current consumption standby, without UII module	24 mA
Backset	65 mm
Bolt throw	20 mm
Distance	92 mm
Handle follower	9 mm
Faceplate dimensions	(LxBxT) 440 x 24 x 6 mm
Approval DIN EN 179	EC Certificate of Conformity 0432 BPR-001
DIN EN 1125 approval	EC Certificate of Conformity 0432 BPR-017
Suitable for fire doors	Yes
Break-in resistance	Class 5
Pressure resistance requirements	Class 5 according to DIN 18251-3
Static latch bold load	5 kN
Minimum load capacity of latch bolt	5 kN
Static bolt load	10 kN
Minimum load capacity of bolt	10 kN
Bolt counterpressure	6 kN
Deadbolt independent when tampered with	Yes
Dead bolt features	Hardened steel surface, 60 HRC
Unlocking time	1 s
Width face plate	24 mm
Unlocking under preload with rated voltage, rated current	200 N
Panic function	Yes



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