

MSL FlipLock e-check and d-check



For easier door planning:
New functions integrated directly into the lock



Extension of the lock family: Motorised locks with newly developed control board

MSL FlipLock e-check and d-check combine numerous functions and adjustment options directly in the lock. Without additional external components, around 90 percent of the typical requirements in construction projects can be covered.

- FlipLock e-check is a handle-controlled motorised lock
- FlipLock d-check is a motorised lock with panic function E

The new locks offer a cost-attractive and time-saving alternative to previous solutions. Installation and planning are also significantly simplified, as fewer components are required.

Greater flexibility and additional functions directly in the lock

FlipLock e-check and d-check have all the contacts of the FlipLock locks available to date. Two of the contacts can be evaluated directly via two outputs without evaluation control. The newly developed main circuit board thus enables direct and flexible signal evaluation in the lock itself.

The contacts are assigned and the lock functions are set conveniently and securely using the two integrated rotary switches on the lock. The first switch is used to select the desired function, and the second switch is used to select the corresponding value.

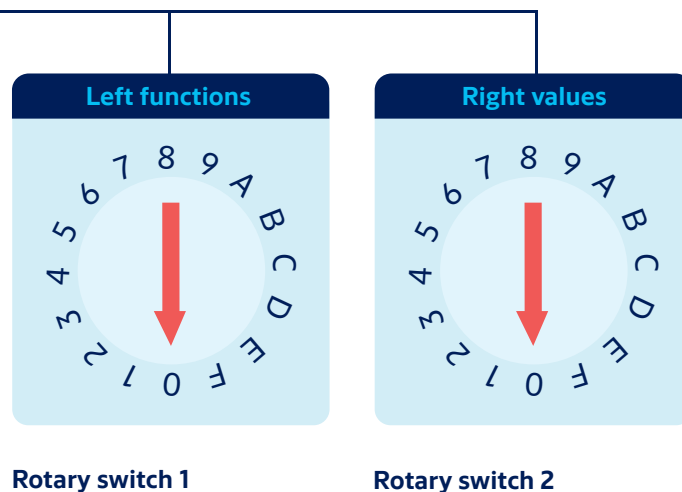
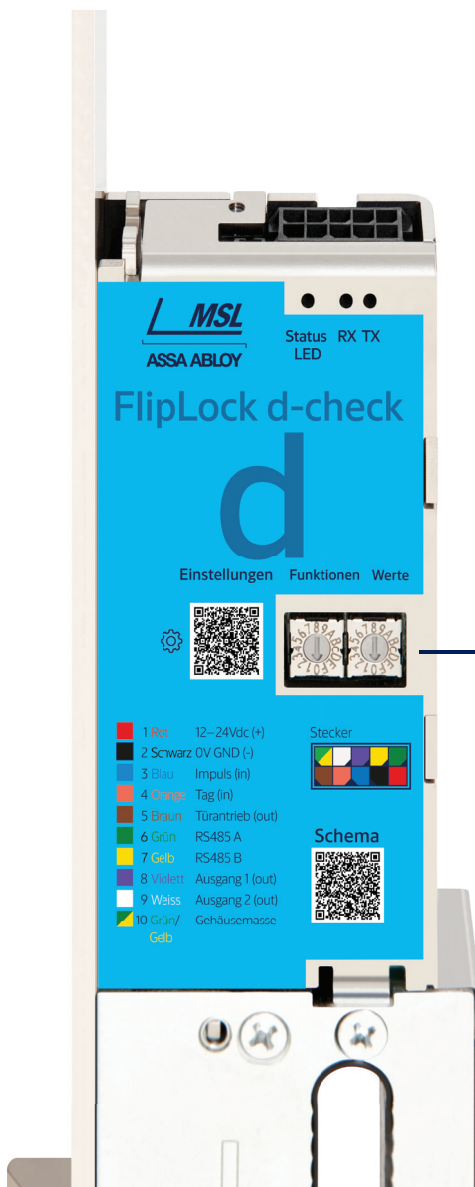
The open time as well as the actuation of the door drive or contact debounce times for the bolt and handle contact can also be adjusted individually. In addition, a switchable acoustic signal is available, which gives the user direct status feedback.



Practical technology with added safety and comfort

FlipLock e-check and d-check offer many advantages during commissioning, operation and maintenance. The key advantages at a glance:

- **Integrated tamper protection:** Detects when the self-locking has been tampered with and automatically retracts the bolt by motor without additional magnet contact. It prevents damage to the frame and prevents the door from being left open unsecured. After 15 seconds, the function is automatically deactivated to avoid creating an additional vulnerability in the event of forced opening or tampering with the control latch.
- **Comfort opening with actuated handle for FlipLock e-check:** If the outside handle is already actuated during identification with a badge, the lock automatically retracts the bolt completely – it is not necessary to press it down again.
- **Directly configurable monitoring contacts:** Two contacts can be evaluated without external control. The selection is made conveniently via two rotary switches, which are used to select functions and assign suitable values.
- **Flexible factory settings and adjustments:** By default, the panic handle and bolt contact are active. These can be changed at any time using the rotary switches and additional combinations can be set – with acoustic feedback to confirm successful entry.

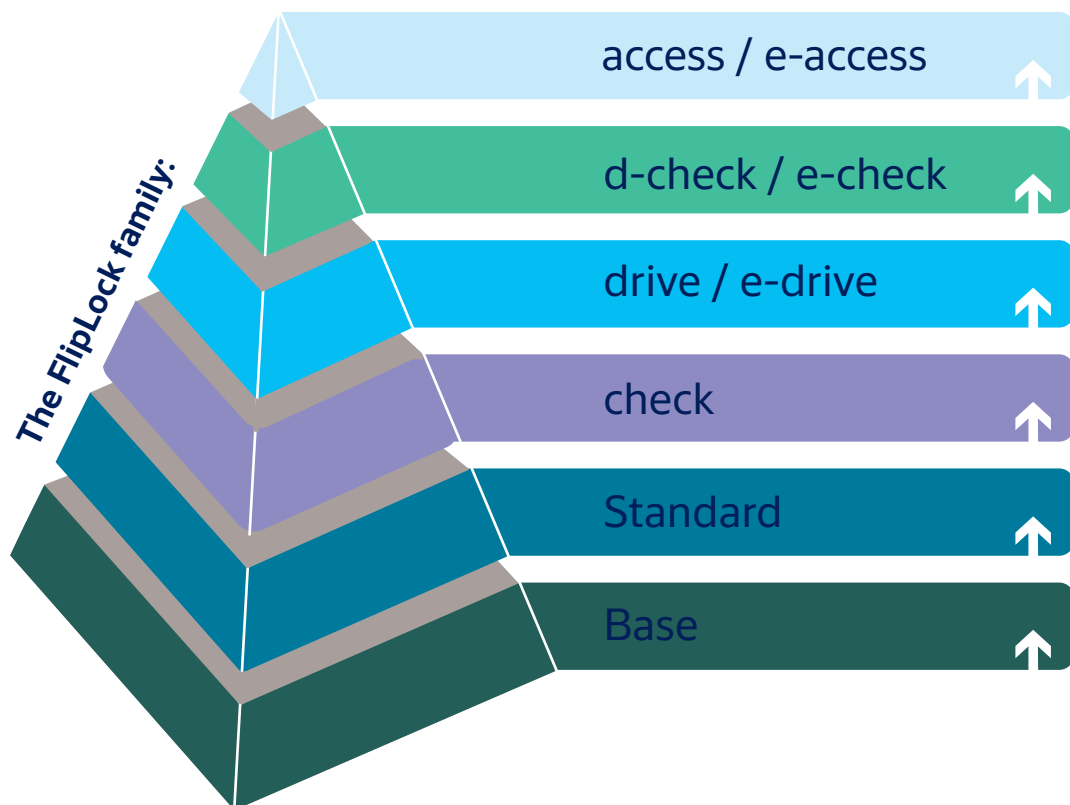


- **Configurable open time:** Factory set to 2.5 seconds, open time can be individually extended to up to 10 seconds.
- **Actuation of the door drive:** The lock transmits precise signals to motorised door drives, coordinated with the selected open time.
- **Integrated acoustic signals:** Optionally, two different melodies can be selected as acoustic status messages for locking and unlocking.
- **Configurable panic handle and bolt contact with release delay:** Contact debounce times can be adjusted to prevent false alarms and ensure reliable interaction with burglar alarm systems or access control systems.
- **Optional motorised key support:** Makes opening from the outside with a key easier, as the motor assists the turning movement if required.
- **Comprehensive readout functions:** Various data queries such as the number of door cycles and motor cycles can now be read out directly at the lock.
- **Reboot function:** If desired, the lock can be reset – either to the last setting or completely to factory settings.



Targeted expansion of the FlipLock family: For less coordination effort and convenient security

A lock family for all requirements: Whether wooden, metal, tubular frame or plastic doors, FlipLock fits. With the wide variety of options offered by the door lock system, all single or double-leaf doors can be equipped with either mortise locks or multi-point locking systems, from the mechanical basic version to motorised versions.



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ASSA ABLOY (Schweiz) AG
Schlosstechnik
Laufenstrasse 172
4245 Kleinlützel,
SWITZERLAND

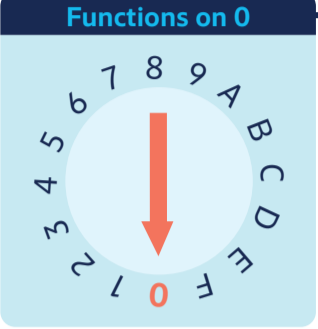
Tel. +41 61 775 11 11
www.assaabloy.ch

Subject to technical changes. 40010111 Broschüre_02/2026_EN_PDF

Function overview configurations

- 0. Operating position
- 1. Configure contacts
- 2. Configure open time
- 3. Actuation door drive
- 4. Acoustic signal
- 5. Delayed drop-out bolt contact
- 6. Drop-out delayed panic handle contact
- 7. Motorised key support
- 8. Read out cycles
- F. Reboot, reset settings

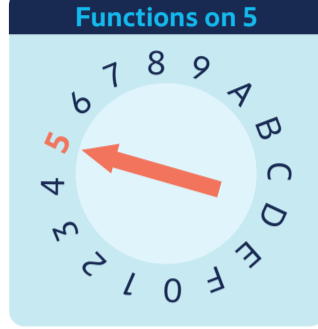
0. Operating position



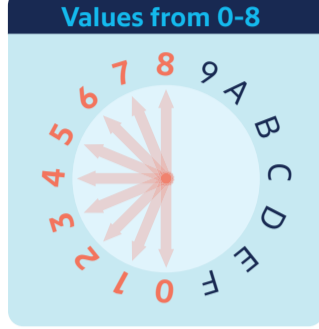
Rotary switch 1

Functions on 0	No.	Selection of function
	0	Operating position
	1	Configure contacts
	2	Configure open time
	3	TA actuation
	4	Acoustic signal
	5	Delayed drop-out bolt contact
	6	Drop-out delayed panic handle contact
	7	Motorised key support
	8	Read out cycles
	F	Reboot, reset settings

5. Delayed drop-out bolt contact



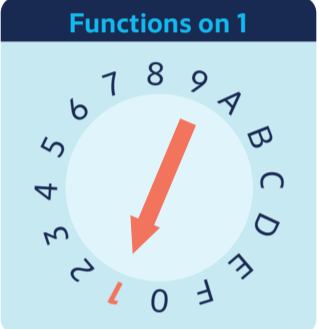
Rotary switch 1



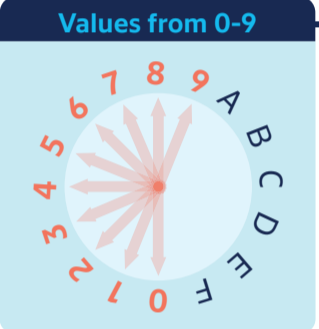
Rotary switch 2

Functions on 5	Values from 0-8	No.	Delayed drop-out bolt contact
		0	0 sec.
		1	0.2 sec. (Default setting)
		2	0.5 sec.
		3	0.8 sec.
		4	1 sec.
		5	1.2 sec.
		6	1.5 sec.
		7	1.8 sec.
		8	2 sec.

1. Configure contacts



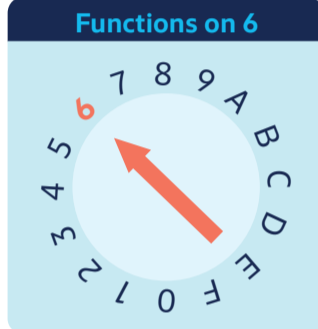
Rotary switch 1



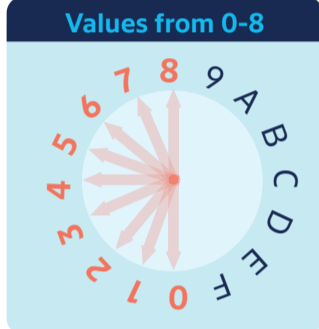
Rotary switch 2

Functions on 1	Values from 0-9	No.	Output 1	Output 2
		0	Panic handle	Bolt (default)
		1	Panic handle	Cylinder
		2	Bolt	Cylinder
		3	Handle	Panic handle
		4	Handle	Bolt
		5	Handle	Cylinder
		6	Control latch	Handle
		7	Control latch	Panic handle
		8	Control latch	Bolt
		9	Control latch	Cylinder

6. Drop-out delayed panic handle contact



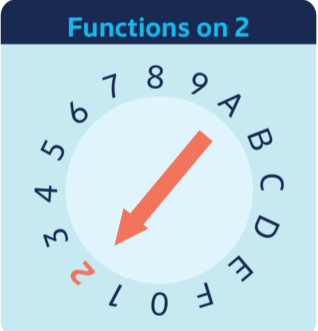
Rotary switch 1



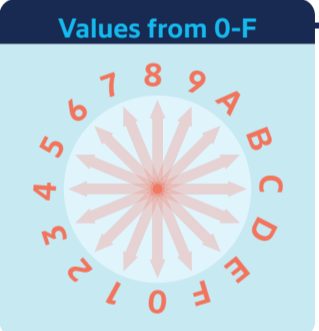
Rotary switch 2

Functions on 6	Values from 0-8	No.	Delayed release panic handle contact
		0	0 sec.
		1	0.2 sec. (Default setting)
		2	0.5 sec.
		3	0.8 sec.
		4	1 sec.
		5	1.2 sec.
		6	1.5 sec.
		7	1.8 sec.
		8	2 sec.

2. Configure opening time



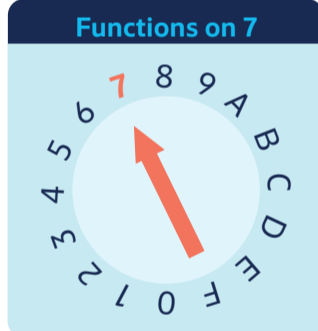
Rotary switch 1



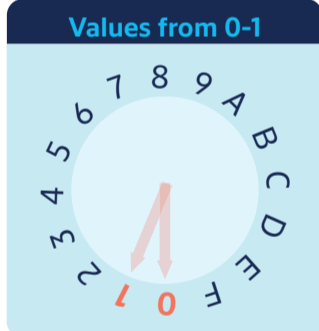
Rotary switch 2

Functions on 2	Values from 0-F	No.	Opening time.	No.	Opening time
		0	2.5 sec. (Default setting)	A	7.5 sec.
		1	3 sec.	B	8 sec.
		2	3.5 sec.	C	8.5 sec.
		3	4 sec.	D	9 sec.
		4	4.5 sec.	E	9.5 sec.
		5	5 sec.	F	10 sec.
		6	5.5 sec.		
		7	6 sec.		
		8	6.5 sec.		
		9	7 sec.		

7. Motorised key support




Rotary switch 1



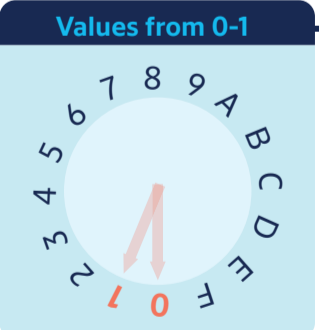
Rotary switch 2

Functions on 7	Values from 0-1	No.	Motorised key support
		0	Off (default)
		1	On

3. Actuation door drive:




Rotary switch 1



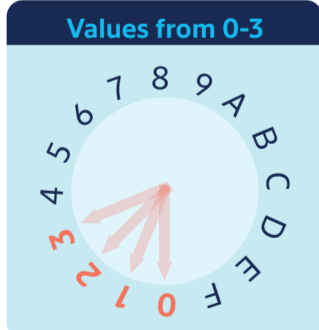
Rotary switch 2

Functions on 3	Values from 0-1	No.	Door drive actuation
		0	As long as open time (factory setting)
		1	1.5 sec. from impulse (if permanently open)

8. Read out cycles




Rotary switch 1



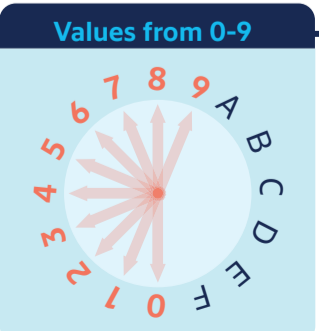
Rotary switch 2

Functions on 8	Values from 0-3	Read out no. of cycles	
		0	Door cycles
		1	Motor cycles
		2	Motor faults
		3	Communication faults

4. Acoustic signal




Rotary switch 1



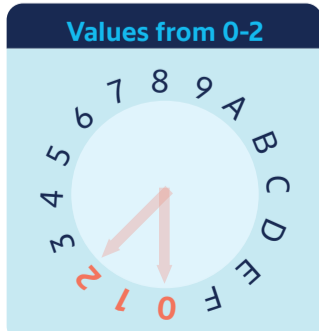
Rotary switch 2

Functions on 4	Values from 0-9	No.	Acoustic signal
		0	off (factory setting)
		1	Unlocked melody 1
		2	Unlocked melody 2
		3	Unlocked melody 3
		4	Unlocked melody 1
		5	Unlocked melody 2
		6	Unlocked melody 3
		7	-
		8	-
		9	-

F. Reboot, reset settings



Rotary switch 1



Rotary switch 2

Functions on F	Values from 0-2	No.	Reboot, reset settings
		0	Reboot
		2	All settings are deleted (return to factory settings)