

The mortise lock in mechanical
or motorised version



Swiss made



The right lock for every door:
the sFlipLock®

MSL
ASSA ABLOY

For wood, metal and PVC profiles

ASSA ABLOY, the global leader
in door opening solutions

The sFlipLock® – Whether mechanical or mechatronic

The sFlipLock mortise lock features a modular configuration, making it suitable for virtually any application. Thanks to the backsets between 30 mm and 80 mm, the sFlipLock can be used in wooden, metal and even plastic doors. Thanks to integrated sound insulation, the “Flip” latch ensures easy and quiet opening, even under heavy preloads.

The mortise lock is available as a mechanical and motorised version.

The motorised version, in combination with biometric detection systems, is specifically suited for building management and access control systems.

sFlipLock mechanical

with mechanically
activated day function.

Ideal for doors in
high-traffic areas.

sFlipLock
basis



sFlipLock
standard



Technical specifications	sFlipLock mechanical
Follower	9 mm, steel
Distance	Round cylinder 94 mm Profiled cylinder 92 mm
Tilt latch, long bolt	Steel, stainless
Round faceplate	320 x 18 mm or 20 mm, matt stainless steel
Corner faceplate	320 x 24e, 3 mm thickness or as 24U version with additional 3 mm shim
Backset	30; 35; 40; (45); (55); 60; (65); 70; 80 mm
Emergency functions	B, E, and also with mechanical automatic locking SV
Special function	mechanically activated TF day function with panic E
Variations of models	Single and double-leaf (ZF)

sFlipLock motorised

Motorised opening or
engaging and disen-
gaging of the outside
handle by means of an
electronic pulse.

Especially well suited
for security systems in
correctional institu-
tions, hospitals, banks
and buildings gene-
rally accessible to the
public.

sFlipLock
drive/access



sFlipLock
e-drive/e-access



Technical specifications	sFlipLock motorised
Follower	9 mm, steel
Distance	Round cylinder 94 mm Profiled cylinder 92 mm
Tilt latch, long bolt	Steel, stainless
Round faceplate	445 x 18 mm or 20 mm, matt stainless steel
Corner faceplate	445 x 24e, thickness 3 mm or as 24U version with additional 3 mm shim
Backset	30; 35; 40; (45); (55); 60; (65); 70; 80 mm
Emergency functions	B, E, and also with mechanical automatic locking SV
Variations of models	Single and double-leaf (ZF)
Additional information	• Motorised opening in under 1.5 sec. • Electrical data bus interface RS 485 function • sFlipLock access/e-access in combination with evaluation control (AWS)

sFlipLock® – The matching accessoires

In combination with
the right striking plate –
The secure solution.

Variflex
Flat striking plate
BV-14421.R6333



Variflex
Flanged striking plate
BV-14421.R6233-24



Profiflex
Flush-mount striking plate
BV-14421.3542-20



As 24U version
with additional
3 mm shim
B-14421.13/3



Mains adapter 12 V DC 5A

With or without hous-
ing for FlipLock
drive, e-drive,
access and e-access.



Technical specifications	
Operating voltage	100 – 264V AC, 50Hz shielded and stabilised Direct current DC (-10 % / +10 %)
Output voltage	12V DC $\pm$ 10 % adjustable, 5A, 60W
protection	Electronic overload protection
Connections	Double-pin connecting terminals
Mounting method	DIN rail installation
Temperature range	- 20°C to + 45°C
Dimensions (L x W x D):	94 x 88 x 65 mm

Test box

On-site simple
checking and
maintenance of the
motorised FlipLock
line
(access, e-access, drive,
e-drive).



Technical specifications	
Operating voltage	Incl. Plug-in power sup- ply 24V DC 0.5A
Function	- Check motorised "open/closed" - Service function: Software ver- sion, cycles, status of all contacts
Connections	5-colour connection terminals
Packaging	Hard shell case 2 30 x 180 x 60 mm
Dimensions (L x W x D):	160 x 84 x 30 mm

AWS Evaluation control unit

The evaluation control
unit provides a quick
overview of the op-
erating status of the
doors and their moni-
toring contacts.
The LED status display
on the module pro-
vides a quick overview.

The AWS can only be
combined in conjunc-
tion with the moto-
rised version of the
sFlipLock
(access, e-access, drive,
e-drive).



Evaluation control unit
without housing, on mounting rail adapter



Evaluation control with housing

Technical specifications	
Operating voltage	11 – 27V DC
Power consumption	Standby: 24V DC 100mA 12V DC 200mA With motor activity: 24V DC 250mA 12V DC 500mA Switch-on current: 24V DC 500mA 12V DC 1000mA
Relay contact loading capacity	30V DC 1A
Opening signal and output signal	Potential-free
Terminals	Plug-in, max. cable cross-section 1.5 mm
Dimensions	None Housing on mounting rail adapter: 80 x 115 x 44 mm (W x H x D) With housing 139 x 119 x 70 mm (W x H x D)
Data cable	Length: 10 m or 20 m Wires: LIYY 2 x 2 x 0.22 + 2 x 0.5 not shielded Plug connector: Lock side (Molex)
Recommended mains a dapter (14471405)	12V DC 1.5A stabilised 24V DC 1.5A stabilised

sFlipLock® – An overview of the innovations

Mechanical
Motorised
Handle-operated
Mechanical
Motorised with

Different buildings, different requirements: flexible and varied solutions

sFlipLock

For security, escape route, access and fire doors in commercial, public and residential buildings.



ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

ASSA ABLOY

ASSA ABLOY (Schweiz) AG
Sicherheitssysteme
Untere Schwandenstrasse 22
CH-8805 Richterswil
Tel.+41 44 787 34 34
www.assaabloy.ch

ASSA ABLOY (Schweiz) AG
Schlosstechnik
Laufenstrasse 172
CH-4245 Kleinlützel
Tel. +41 61 775 11 11
www.assaabloy.ch

ASSA ABLOY (Suisse) SA
Succursale Suisse romande
Z.I. Le Trési 9B
CH-1028 Préverenges
Tél. + 41 21 811 29 29
www.assaabloy.ch

