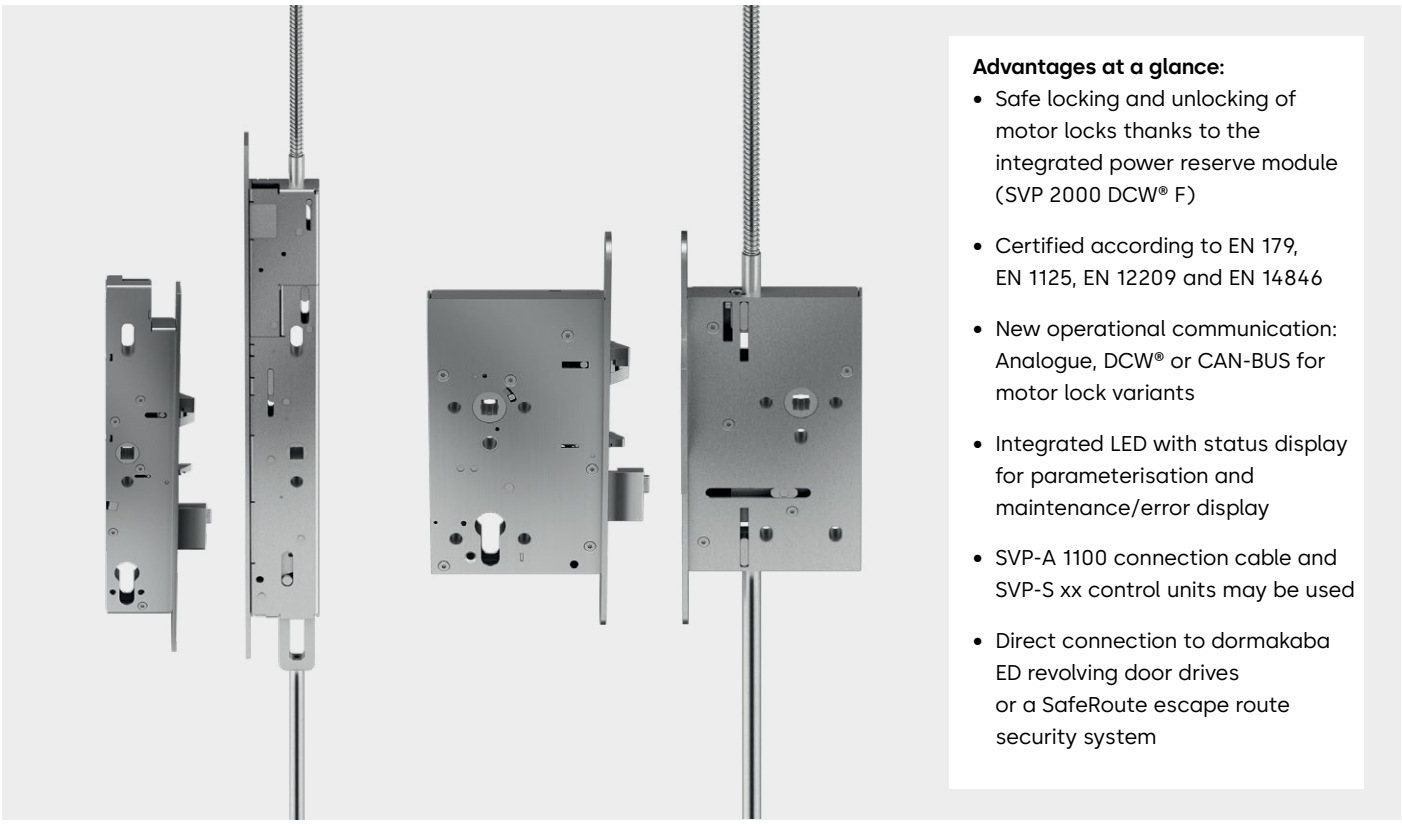
dormakaba SVI/SVA

Self-locking emergency escape locks for double-leaf doors



Advantages at a glance:

- Safe locking and unlocking of motor locks thanks to the integrated power reserve module (SVP 2000 DCW® F)
- Certified according to EN 179, EN 1125, EN 12209 and EN 14846
- New operational communication: Analogue, DCW® or CAN-BUS for motor lock variants
- Integrated LED with status display for parameterisation and maintenance/error display
- SVP-A 1100 connection cable and SVP-S xx control units may be used
- Direct connection to dormakaba ED revolving door drives or a SafeRoute escape route security system

All solutions are available in different variants for wood doors, steel doors and profile-framed doors

The self-locking SVI (inactive emergency-escape lock, passive door leaf) and SVA (active emergency-escape lock, active door leaf) for double-leaf doors are an optimal addition to the existing SVP portfolio and are ideal for use in barrier-free door applications, among many others.

Saving lives on the one hand, protecting property on the other – SVI and SVA self-locking emergency escape locks can do both. Thanks to their emergency escape function, both the active and passive door leaves can be opened at any time in the direction of escape by actuating the lever handle or horizontal push bar (EN 179 and EN 1125 certified). At the same time, automatic locking of the doors each time they are closed offers protection against unauthorised entry. In addition to improved mechanical sequential control (SVA) for increased tamper protection, the new integrated LED in the motorised emergency-escape locks enables easy commissioning and maintenance by means of visual status displays right at the door application.

Factsheet

SVI/ SVA – Self-locking emergency-escape locks for double-leaf doors

Area of use:
Securing double-leaf doors that are permanent escape route doors from the inside, but may only be used by authorised persons from the outside.

Functional description:
The combination of an active door leaf lock (SVA) and a passive door leaf lock (SVI) automatically locks the door every time it is closed. The passive and active door leaves can be opened in the direction of escape at any time in accordance with EN 179 or EN 1125.

Depending on the application, various versions are available to cover almost all conceivable requirements:

SVA 5000
- Purely mechanical lock with full emergency escape function and mechanical sequential control

SVA 4000:
- Electrically monitored emergency-escape lock
- Status message for latch, bolt, cylinder locking and lever handle

SVA 6000:
- Electrically activated external lever handle
- Optional operating and closed-circuit current variants

SVA 2000 :
- Integrated LED with status display for parameterisation and maintenance/error display
- Operation modes for the motor lock: analogue with control unit, via DCW® or CAN-BUS, or autonomously without control unit.
- Status message for latch, bolt, cylinder locking and lever handle
- Direct connection e.g. via the integrated BUS to dormakaba ED revolving door drives or a SafeRoute escape route security system

SVA 2000 DCW® F:
- With integrated PR module for use in fire and smoke doors (excluding permanent door release function)
- Integrated LED with status display for parameterisation and maintenance/error display
- Operation modes: Analogue with control unit, via DCW® or CAN-BUS or autonomously without control unit.

SVI 5000:
- Purely mechanical lock with full emergency escape function for the passive door leaf
- With top and bottom rod lock systems

SVI 4000:
- Electrically monitored emergency-escape lock for the passive door leaf
- Status message for lock rod and lever handle
- With top and bottom rod lock systems

SVI 2000 F:
- Motor lock for the passive door leaf
- Status message for lock rod and lever handle
- Integrated LED with status display for parameterisation and maintenance/error display
- Operation modes: Analogue with control unit, via DCW® or CAN-BUS or autonomously without control unit.
- With top and bottom rod lock systems

Combinations and features
Example lock and lever handle combinations

Active door leaf locks / Passive door leaf locks	SVA 5000	SVA 4000	SVA 6000	SVA 2000 DCW®	SVA 2000 DCW® F
SVI 5000	●	●	●	●	●
SVI 4000	○	●	●	●	●
SVI 2000 DCW® F	–	–	–	●	●

● = compatible ○ = optional – = not available

Table of features for SVA active door leaf lock

Features	SVA 5000	SVA 4000	SVA 6000	SVA 2000	SVA 2000 F
Fire and smoke doors	●	●	●	● [1)]	●
Emergency escape function:	●	●	●	●	●
Automatic locking mechanism	●	●	●	●	●
Ext. mechanical sequential control	●	●	●	●	●
Electrical sequential control	–	–	–	●	●
Status message	–	●	●	●	●
External lever handle can be activated	–	–	●	–	–
Electrical motorised unlocking	–	–	–	●	●
Continuous entry from the outside possible	–	–	●	–	–
Automatic locking mechanism can be disabled electrically (permanent door release)[2)]	–	–	–	●	● [3)]
Access control lock	–	–	●	●	●

Table of features for SVI passive door leaf lock

Features	SVI 5000	SVI 4000	SVI 2000 F
Fire and smoke doors	●	●	●
Full emergency escape function	●	●	●
Automatic locking mechanism	●	●	●
Status message	–	●	●
Electrical motorised unlocking	–	–	●

● = available – = not available

1) Can only be used with an external power reserve module

2) In fire and smoke doors not approved for permanent door release, as tumbler is not guaranteed in the event of a fire.

3) Only in combination with ED 100/250

Our Sustainability Commitment

We are committed to foster a sustainable development along our entire value chain in line with our economic, environmental and social responsibilities toward current and future generations. Sustainability at product level is an important, future-oriented approach in the field of construction. In order to give quantified disclosures of a product's environmental impact through its entire life cycle, dormakaba provides Environmental Product Declarations (EPD), based on holistic life cycle assessments.

www.dormakaba.com/sustainability

Our offering

Access Automation Solutions

Entrance Automation
Entrance Security

Access Control Solutions

Electronic Access & Data
Escape and Rescue Systems
Lodging Systems

Access Hardware Solutions

Door Closers
Architectural Hardware
Mechanical Key Systems

Services

Technical Support
Installation and commissioning
Maintenance and Repair

Key & Wall Solutions

Key Systems
Movable / Sliding Walls

Safe Locks

Electronic Safe Locks
Mechanical Safe Locks
Boltworks and Accessories

Glass systems

Manual door systems
Glass fittings
Horizontal Sliding Walls

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Subject to technical modifications

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