

DORMAKABA SVP 6710 (70671000)

DORMAKABA SVP 6710 Swing Door Lock Instruction Manual

Model: SVP 6710 (70671000)

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the DORMAKABA SVP 6710 self-locking panic coupling lock. Please read these instructions carefully before proceeding with installation or use to ensure safe and correct functionality. This lock is designed for swing doors and features a self-locking mechanism with panic release capabilities.

2. SAFETY INFORMATION

The DORMAKABA SVP 6710 lock is certified according to EN 14846 and is suitable for fire and smoke protection doors. It supports panic unlocking via a lever according to EN 179 or a panic rod according to EN 1125. Always ensure that installation complies with local building codes and safety regulations.



Figure 2.1: Symbol indicating compliance with EN 179 for emergency exit devices operated by a lever handle.



Figure 2.2: Symbol indicating compliance with EN 1125 for panic exit devices operated by a horizontal push bar.

3. PRODUCT OVERVIEW

The SVP 6710 is a high-quality self-locking panic coupling lock designed for robust security and reliable emergency egress. Key features include:

- **Self-locking Mechanism:** Ensures automatic locking upon door closure.
- **Split Push Button:** Allows for controlled access from the outside while maintaining panic function from the inside.
- **Integrated Surveillance Plug:** Provides feedback on lock status (locked, unlocked, door position, handle operation, cylinder plug).

- **Duisburg Function:** Compatible with various cylinder types, including electronic and freewheel cylinders.
- **Two-point Lock:** Achieved by spring bias after door closing for enhanced security.
- **Universal Control Trap:** 24 mm cuff variants suitable for DIN left/right doors.
- **Burglary Protection:** Up to RC-2 possible when integrated into suitable door systems.





Figure 3.1: Main view of the DORMAKABA SVP 6710 self-locking panic coupling lock. This image displays the robust construction and key components of the lock mechanism, including the latch, deadbolt, and cylinder opening.

4. SPECIFICATIONS

Feature	Specification
Model Number	70671000
Type	Self-locking Panic Coupling Lock
Mandrel Dimensions (Backset)	35 mm
Cuff Width	24 mm
Direction	Right
Nut (Spindle)	9 mm split square nut
Material	Alloy Steel, Stainless Steel (cuff and lock plate)
Lock Box Material	Galvanized steel
Power Consumption	Max. 0.4A or 0.2A
Contact Load	Max. 30V DC, 1.5W
Connection Voltage	12V DC / 24V DC (stabilized)
Certifications	EN 14846, EN 179, EN 1125
Product Dimensions (L x W x H)	32 x 9 x 3.5 cm
Item Weight	1.15 kg

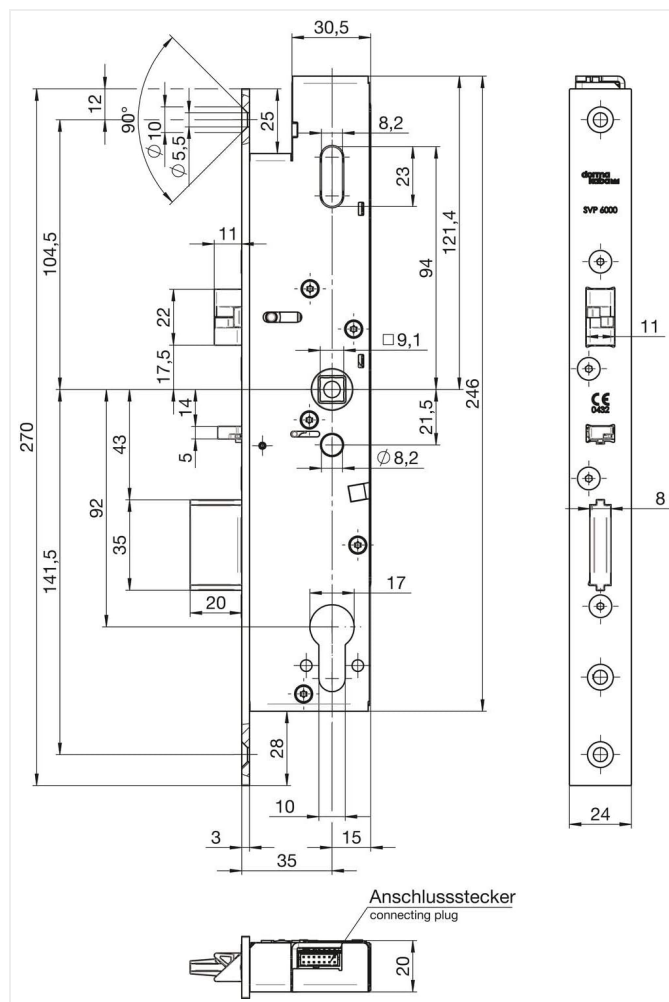


Figure 4.1: Detailed technical drawing illustrating the dimensions and mounting points of the DORMAKABA SVP 6710 lock. All measurements are critical for proper installation.



Figure 4.2: Close-up view of the connecting plug for the DORMAKABA SVP 6710 lock. This plug facilitates electrical connections for monitoring and control functions.

5. SETUP AND INSTALLATION

Installation should be performed by qualified personnel in accordance with the provided technical drawings and local regulations. The lock is designed for right-hand swing doors.

5.1 Pre-installation Checks

- Verify door handing (right-hand).
- Confirm door dimensions match the lock's mandrel (35mm) and cuff (24mm) specifications.
- Ensure all necessary components are present.

5.2 Mechanical Installation

1. Prepare the door and frame according to the technical drawing (Figure 4.1), ensuring precise mortising for the lock body and strike plate.

2. Insert the lock body into the mortise.
3. Secure the lock body with appropriate screws.
4. Install the cylinder and door furniture (lever handle or panic bar) with the 9mm split square nut.
5. Mount the strike plate on the door frame, ensuring proper alignment with the latch and deadbolt.

5.3 Electrical Connection

The lock requires a universal connection to 12V DC or 24V DC (stabilized) without prior conversion. A continuous connection of the outer pressure can be used for day-operation.

- Connect the lock using the SVP-A 1100 connection cable (ordered separately).
- Ensure correct polarity and secure connections to avoid malfunction.
- The control of the front pusher is generated via the GND connector with potential-free locks (working current) or opener (resting current).

6. OPERATING INSTRUCTIONS

The SVP 6710 is designed for secure and reliable operation in various scenarios.

6.1 Normal Operation

- **Self-locking:** Upon closing the door, the lock automatically engages the deadbolt, securing the door.
- **Access from Outside:** Access is controlled via the split push button. Depending on the configuration, the external handle may be engaged or disengaged.
- **Access from Inside:** The internal handle or panic device always allows for immediate egress.

6.2 Panic Function

In an emergency, the lock allows for immediate unlocking from the inside:

- **Via Lever (EN 179):** Actuating the internal lever handle retracts both the latch and deadbolt, allowing the door to open.
- **Via Panic Rod (EN 1125):** Pushing the internal panic rod retracts both the latch and deadbolt, allowing the door to open.

6.3 Electrical Control and Monitoring

- **External Pressure Control:** The front pusher can be turned on or off by controlling the magnetic coil (e.g., with an access control system). This can be configured for working current (busy condition) or resting current (plugged in).
- **Day Operation:** A continuous connection of the outer pressure can enable day operation, keeping the door unlocked.
- **Status Feedback:** The integrated surveillance plug provides signals for locked/unlocked status, door open/closed, handle operation, and cylinder plug status.

7. MAINTENANCE

Regular maintenance ensures the longevity and reliable operation of your DORMAKABA SVP 6710 lock.

- **Cleaning:** Clean the visible parts of the lock and strike plate with a soft, damp cloth. Avoid abrasive cleaners or solvents.
- **Lubrication:** Periodically apply a small amount of non-acidic lubricant to moving parts such as the latch bolt and deadbolt, as well as the cylinder mechanism, if accessible.
- **Inspection:** Regularly check for signs of wear, damage, or loose screws. Ensure the panic function operates smoothly and without obstruction.

- **Professional Service:** For any complex issues or internal mechanism concerns, contact a qualified locksmith or DORMAKABA service technician.

8. TROUBLESHOOTING

If you encounter issues with your SVP 6710 lock, consider the following common problems and solutions:

- **Lock not engaging/disengaging properly:**
 - Check for obstructions in the door frame or strike plate.
 - Ensure the door is properly aligned and not sagging.
 - Verify that the cylinder is correctly installed and functioning.
- **Panic function not working:**
 - Ensure the internal lever or panic bar is not obstructed.
 - Check for any mechanical binding.
- **Electrical control issues (e.g., day operation not working):**
 - Verify all electrical connections are secure and correctly wired (refer to installation section).
 - Check the power supply to the lock.
 - Consult the documentation for your access control system, if applicable.


If problems persist after attempting these solutions, contact DORMAKABA customer support or a certified technician.





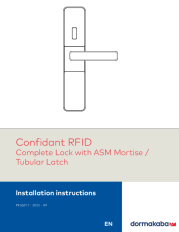
9. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided at the time of purchase or visit the official DORMAKABA website. Technical support and service inquiries can be directed to your local DORMAKABA representative or authorized dealer.

DORMAKABA Official Website: www.dormakaba.com

Related Documents - SVP 6710 (70671000)

 The image shows a technical diagram of the Dormakaba 9000 Series panic hardware. It includes a horizontal panic bar with a lever, a surface panic bolt, and a concealed panic bolt. The text '9000 Series' is visible in the bottom left corner of the image area.	<p>dormakaba 9000 Series Panic Hardware: Specifications and Features</p> <p>Comprehensive guide to dormakaba's 9000 Series panic hardware, including 9700 Rim Panic Latch, 9800 Surface Panic Bolt, and 9600 Concealed Panic Bolt. Details specifications, options, finishes, and installation requirements for secure egress control.</p>
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	<p><u>dormakaba SVI 2xxx Commissioning Instructions</u></p> <p>This document provides comprehensive commissioning instructions for the dormakaba SVI 2xxx series motor locks, including the SVI 2xxxF. It covers intended use, safety precautions, product description, technical data, pin assignments, error messages, and disassembly procedures for secure and proper installation.</p>
	<p><u>dormakaba Saffire LX Electronic Lock Installation Instructions</u></p> <p>Comprehensive installation instructions for the dormakaba Saffire LX electronic lock, covering component identification, step-by-step installation, testing procedures, and handing adjustments for various lock configurations including ASM Mortise and European lock cases.</p>
	<p><u>Wharfedale Pro SVP Series Professional Speaker User Manual</u></p> <p>User manual for the Wharfedale Pro SVP Series of professional sound reinforcement loudspeakers, including models SVP-10, SVP-12, SVP-12M, SVP-15, SVP-215, SVP-15B, and SVP-18B. Covers safety instructions, product features, specifications, and operating guidelines.</p>
	<p><u>dormakaba YD30D Double Sideload Lock: Installation and Operating Instructions</u></p> <p>This document provides comprehensive installation, wiring, operation, and maintenance guidance for the dormakaba YD30D Double Sideload Lock. It details safety precautions, product specifications, and mounting procedures for various door types, ensuring reliable security and access control solutions.</p>
	<p><u>Confidant RFID Lock Installation Guide: ASM Mortise & Tubular Latch</u></p> <p>Comprehensive installation instructions for the dormakaba Confidant RFID lock, covering both American Steel Mortise (ASM) and Tubular Latch configurations. Includes tool requirements, inventory, step-by-step assembly, and programming.</p>