



SWING DOORS RANGE



THE RANGE

SW RANGE



COMPACT AND PERFORMING

FACE SW range of swing doors is compact, reliable and efficient. The brushless motor is absolutely reliable, it has 3 years of warranty and it provides a reduced energy consumption. The automations have been tested for 3 million cycles.



RANGE OVERVIEW



WITHOUT SPRINGS		
SW2 light	Leaf weight: 200 kg	
SW5 heavy	Leaf weight: 300 kg	
WITH SPRINGS		
SW80S1 light spring	Leaf weight: 300 kg	
SW80S spring		

AVAILABLE ARMS

The SW series can be used with different installation layouts and can match many different customer requests.

Three types of arms:

- 1 – Sliding arm to pull
- 2 – Sliding arm to push
- 3 – Articulated arm



INTEGRATED MECHANICAL STOP

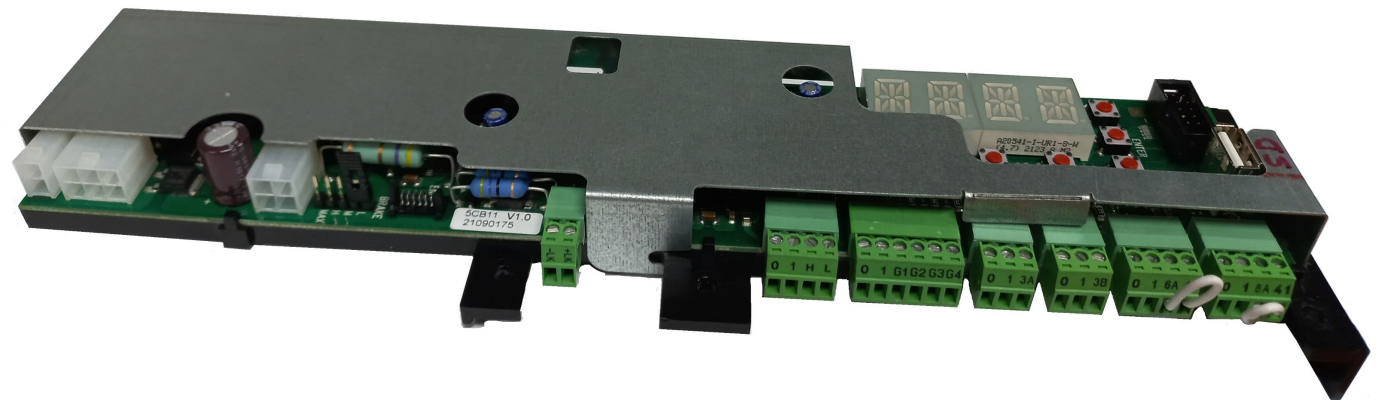


PROTECTIVE COVER

MAXIMUM LEVEL OF RELIABILITY

In order to increase the reliability of SW80S and SW80S1 automations, an additional cover is installed to protect the control board.

The cover protects against any accidental damage during the installation or maintenance.

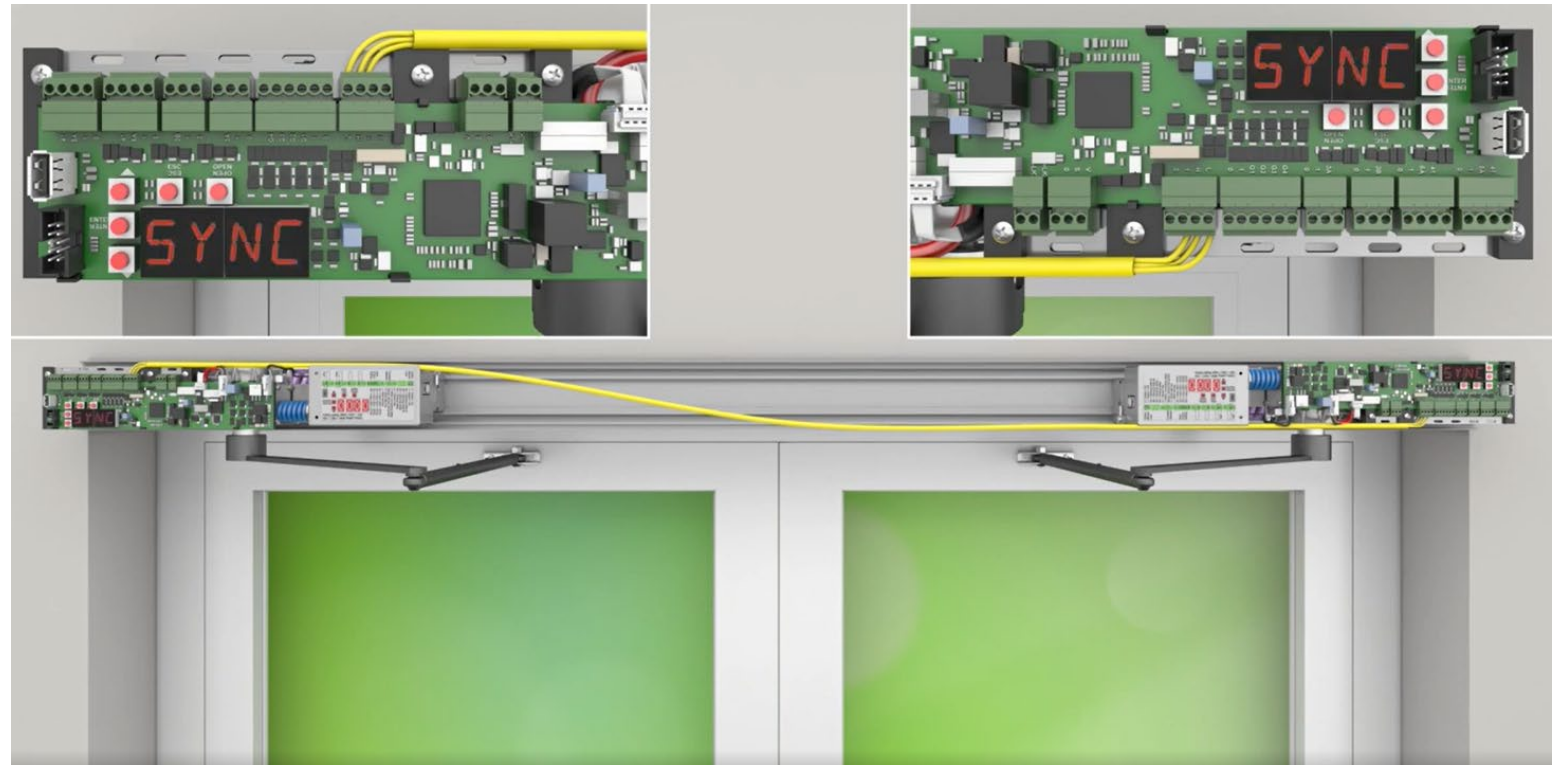


DOUBLE-LEAF DOOR

Do you need to synchronise two automations to realise a double-leaf door?

It is a matter of a few seconds:

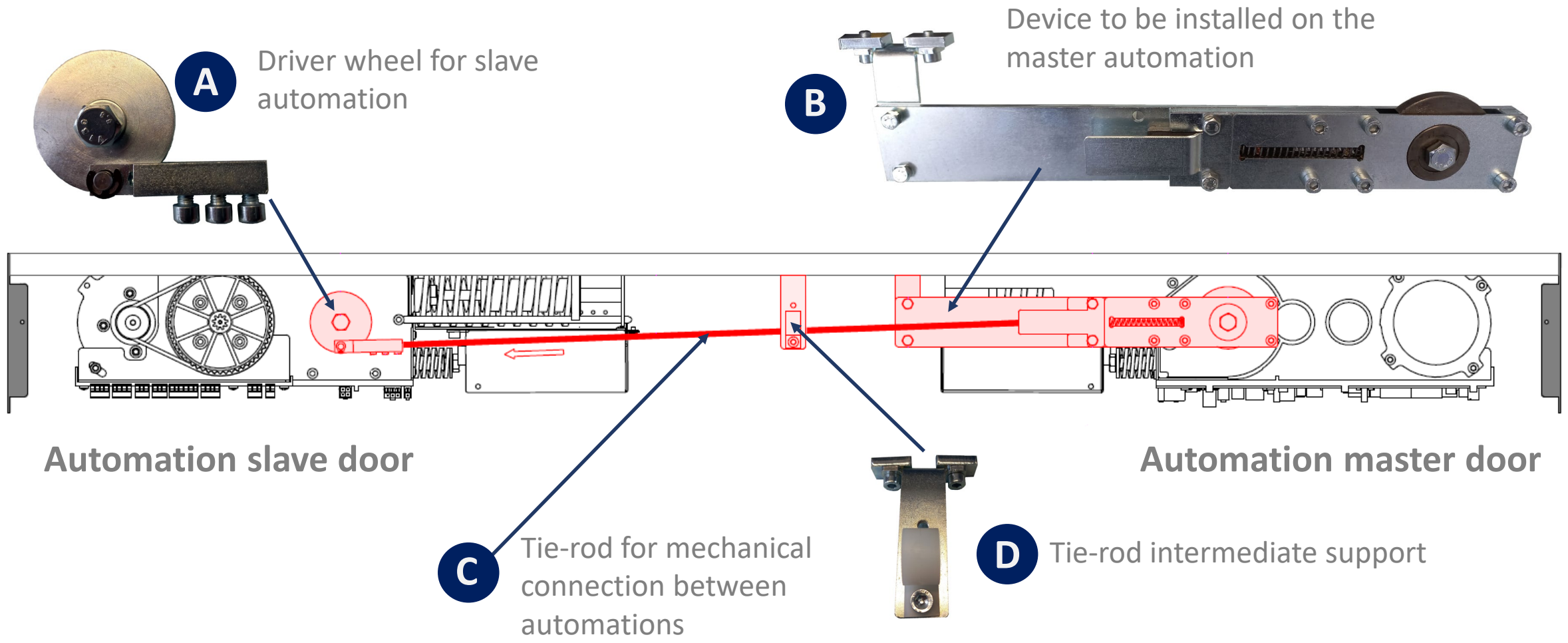
1. Connect the automations with a cable.
2. Set one as **MASTER** and the other as **SLAVE**.



MECHANICAL COORDINATOR



Mechanical coordinator SW80MC according to EN1158



WITH OR WITHOUT SPRING?

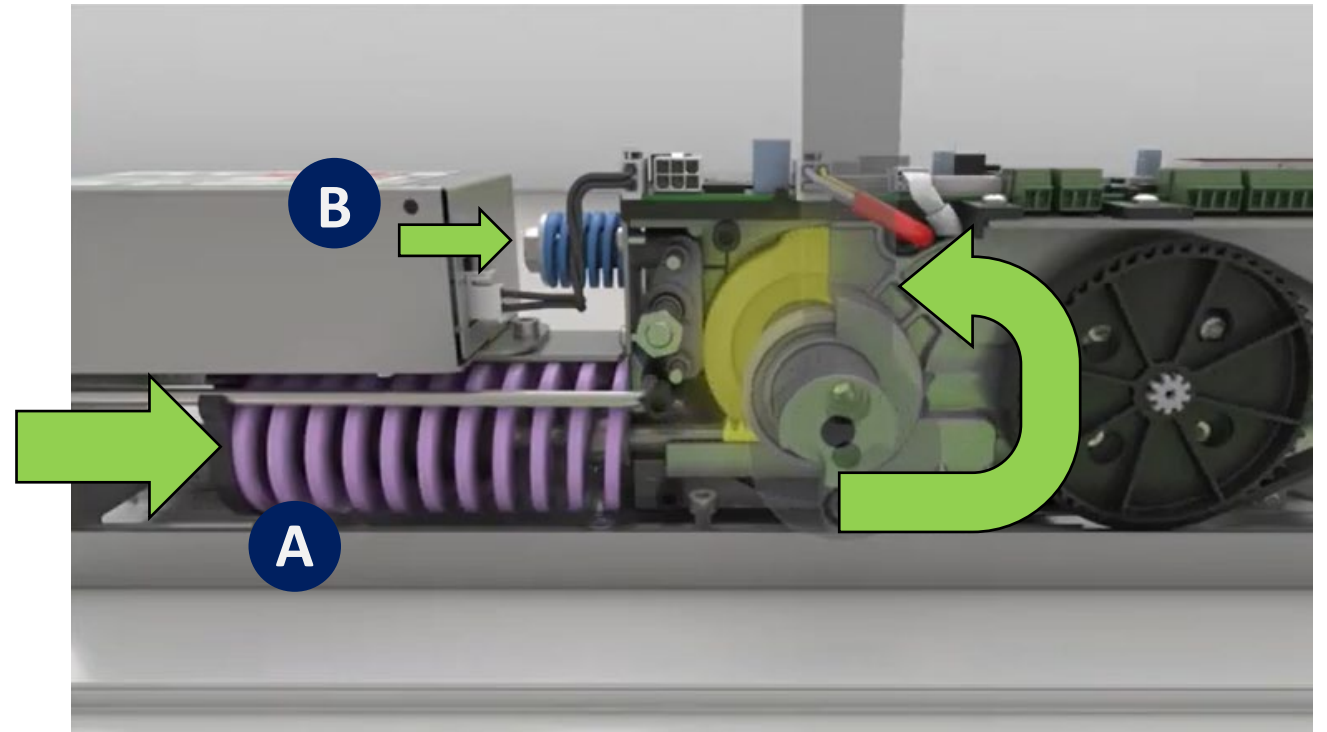


The SW series is available with both configurations with or without spring.
The SW2-SW5 version without spring opens and closes only with the motor.
The SW80 spring version guarantees the perfect and smooth running of the leaf in all conditions (strong wind, frictions etc...)

FACE SW80 has two closing springs and guarantees the closing even in case of missing power supply.

A – Big light spring: works all along the closing movement for a safe and smooth running

B – Small strong spring: it works for the final latch on the last 6° to overcome the resistance of locks or wind.



FINAL USER INTERFACE

FUNCTION SELECTORS



A function selector can be installed to allow to the final user to set the running mode with a user-friendly and intuitive interface.



FSD5 – the most evolved selector for the complete control of the automation. It integrates NFC and Bluetooth communication. The selector activation can be managed with badges (NFC) and smartphone Apps (Bluetooth)

FSD6 – available in four different standard colours. The selector activation can be made with a numeric code.



Customized configurations available on request.

ACCESSORIES

MAIN ACCESSORIES



Swing automations can be completed with a wide range of accessories. Here you are the main ones:

- Safety sensors to avoid the contact with the leaf.
- Opening sensors or proximity buttons for the door opening.
- 3-position switch with the possibility of customizing the function of each position.
- Battery to keep the automation running even in case of missing power supply.
- Safety brake to lock the door in close or open position. It is an intrinsically safe lock.



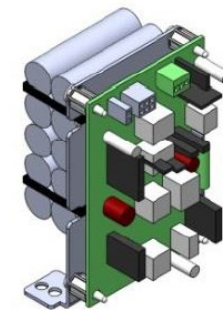
SAFETY SENSOR



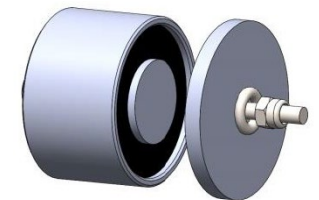
OPENING SENSOR



3-POSITION SWITCH



BATTERY



SAFETY BRAKING



ADVANTAGES

EFFICIENT

The SW automations are a reference on the market in terms of efficiency.

- The **brushless motor**, with the integrated permanent magnets, increases efficiency up to 30% compared with traditional DC motors.
- The **Switch Mode Technology** guarantees an additional saving of 15%, in addition to protecting the automation against current peaks.





TESTED FOR FIRE



The automation SW80S and SW80S1 have been tested and certified against fire for a resistance of 120 minutes (according to standard EN16005/EN1634-1).



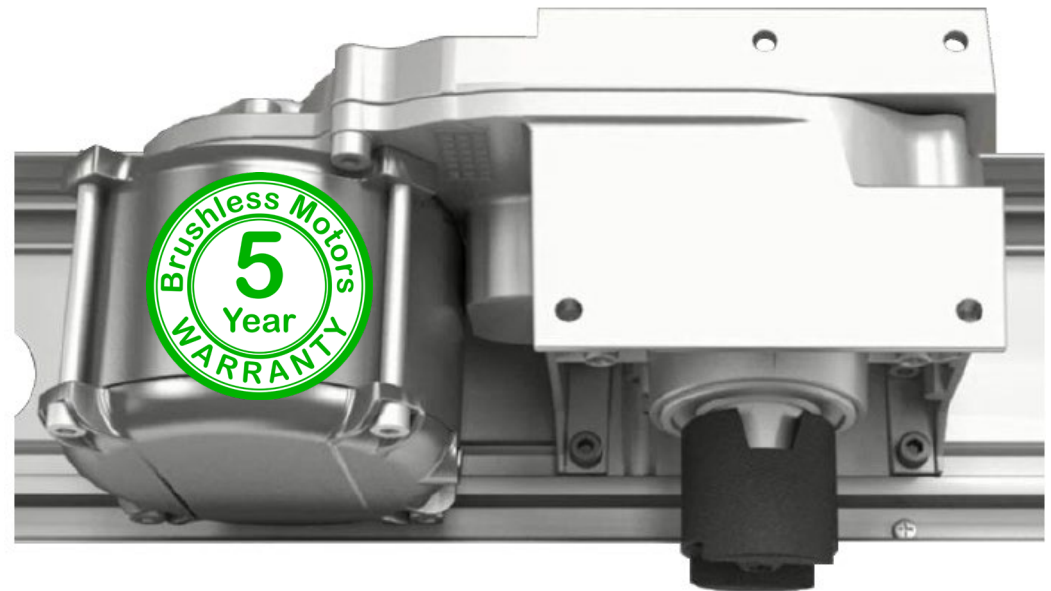
 <p>FIRE TEST</p>	<p>warringtonfire</p> <p>WF Report 415274 iss 2 According to BS EN1634-1 : 2014</p>	 <p>SW80S SW80S1</p>
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LOW MAINTENANCE COST



The SW automations are reliable and with low maintenance costs.

- The **brushless motor** operates at a low speed and for this reason it has a longer service life.
- All the automations are designed for an intensive use.
- The configuration of the motor and the reduction gear guarantees the minimum level of noise even after a long service life.
- The integrated hall-effect encoder is inside the motor metal shell, protected from any impact.



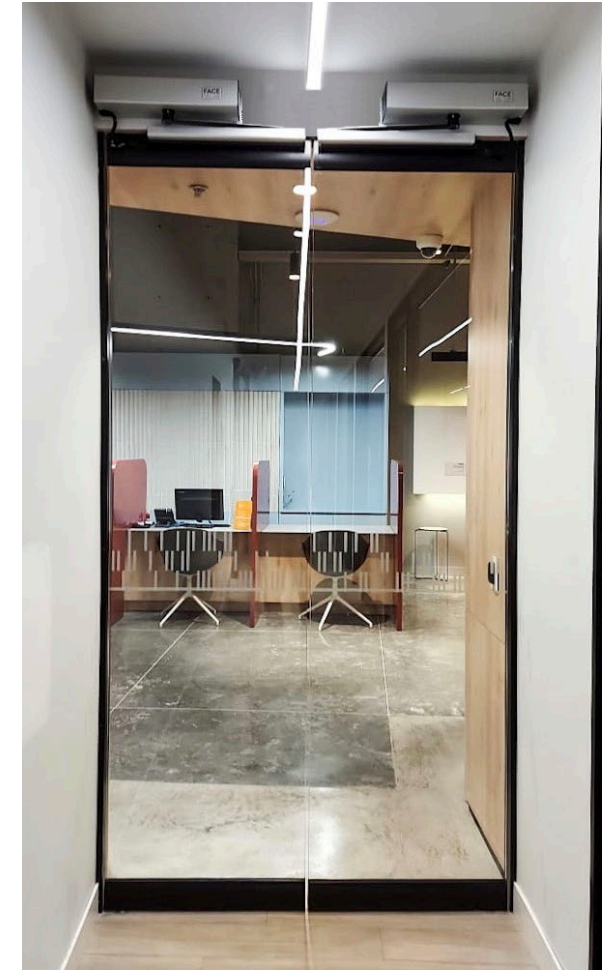
COMPACT



All the automations of the SW series are extremely compact.

The most compact of the range is the **SW2**, with an height of only 82 mm and a depth of only 117 mm.

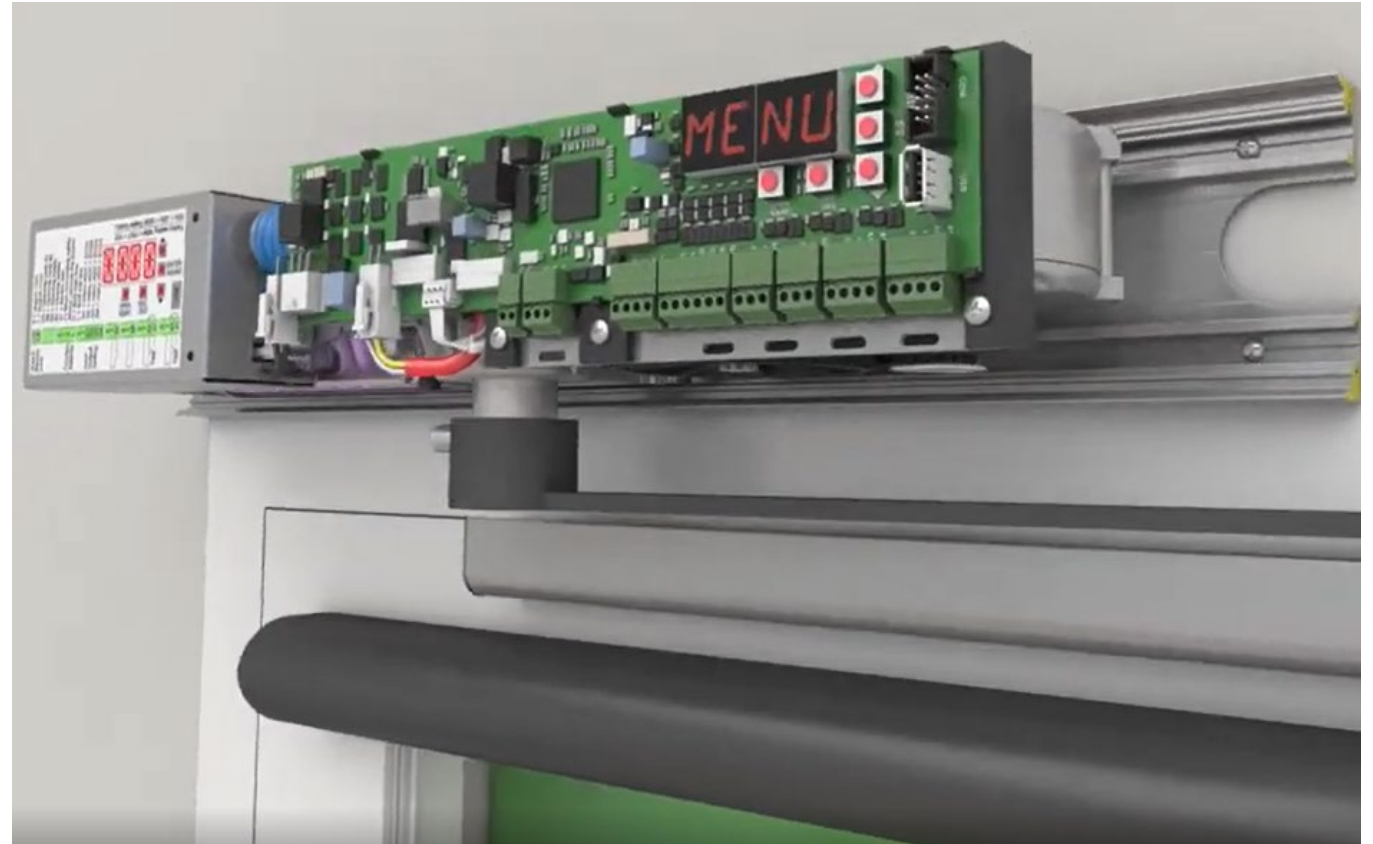
With its size, SW2 is perfect for internal installations obtaining a minimal visual impact. The maximum weight for the leaf is 200 kg, **so there is no compromise on the performances.**



A POWERFUL CONTROL

SW automations are equipped with a powerful control, open and user-friendly.

- On board alphanumeric display
- Easily customizable control with many editable parameters
- Configurable in/out terminals
- USB port for firmware upgrade, parameters upload/download and diagnostic information download.





THANK YOU