



THE GREEN GENERATION OF PEDESTRIAN DOOR AUTOMATIONS

With only Brushless motors in direct drive and extended range power supply
100-240 V (50/60 Hz) Switch Mode technology



THE FIRST ENERGY SAVING AUTOMATIONS THAT REDUCE ENERGY CONSUMPTION BY OVER 50%





FACE was created with the clear purpose of introducing on the market a new generation of environmentally friendly and innovative automations.

SIMPLICITY

FACE target is to simplify its products for an easier installation and maintenance. Product simplification also extends the life span and reduces the impact on the planet.

INNOVATION

FACE automations are constantly under innovation. Since the beginning, the core of the system has been the proprietary brushless motor in direct drive. Many other innovations have come after this, such as the first battery free automation with Supercapacitor technology.

SUSTAINABILITY

FACE believes in a sustainable future with the responsibility to realise products that respect the planet. For this reason, **FACE** automations are battery free, they have a longer life span and minimize energy consumption.

Nowadays, **FACE** products are distributed in more than 50 countries and have become a technological reference on the market.



EFFICIENT

Face automations reduce energy consumption by 50%*. This extraordinary result has been achieved by the switch mode technology and by the elimination of the gearbox thanks to the direct connection between the brushless motor and the belt.

SILENT

The configuration without motor gear, the specific design of the profile and of the carriage wheels guarantee the maximum level of silence.

RELIABLE AND WITH LOW MAINTENANCE COSTS

Reliability has been maximized: the motor works at low speed so it is not subject to wear, supercapacitors have a lifespan seven times longer than standard batteries, the encoder is protected inside the motor shell and the motor-gear is simply not present at all.

USER-FRIENDLY AND EASY TO INSTALL

Everything has to be as simple as possible: the mechanical installation, the fixing sensor device, the integrated display, the USB connection for the firmware update, the upload/download of the settings, the configurable terminals and the remote-control system.

EMERGENCY REDUNDANT VERSION

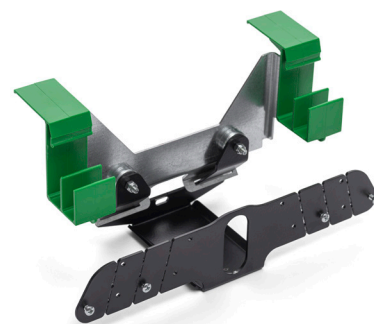
A redundant system with a double winding direct drive motor and an additional emergency card make FACE automations suitable for escape routes, in compliance with EN16005.



Direct drive brushless motor



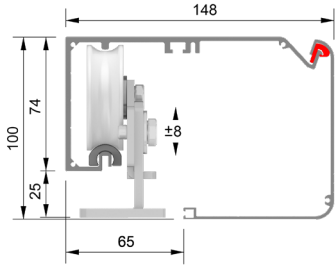
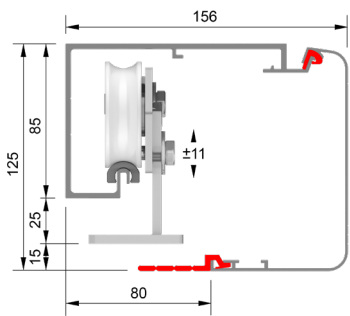
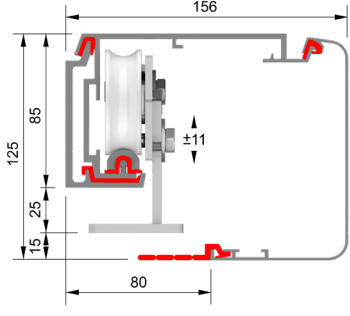
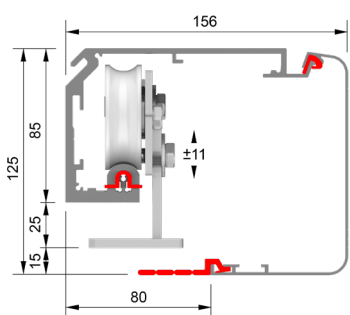
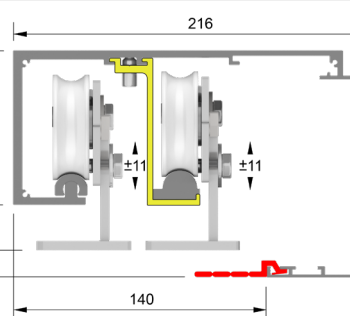
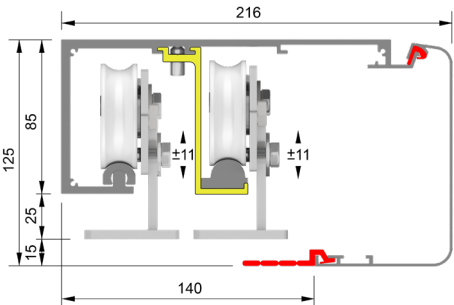
Supercapacitor opening device



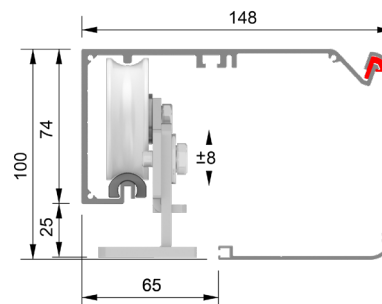
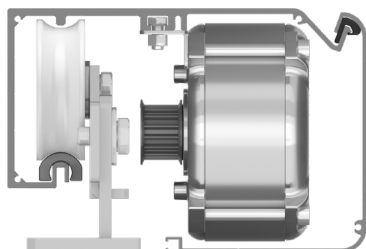
Sensor fixing device

*Tests performed comparing a SL5 double-leaf sliding door with a traditional automation with CC brush motor, gear reduction and a traditional transformer.

RANGE OF SLIDING AUTOMATIONS

SLIDING AUTOMATIONS	MAXIMUM WEIGHT		SERVICE CLASS INTERMITTENCE	SECTION DIMENSIONS
	1 leaf	2 leaves		
SL3L LIGHT	1x70 kg	2x50 kg 2x60 kg	Continuous operation S3 = 100% S3 = 80%	
SL4A ADVANCED SL4E EMERGENCY	1x100 kg	2x90 kg 2x90 kg	Continuous operation S3 = 100% S3 = 100%	
SL5A ADVANCED SL5E EMERGENCY SL5H HEAVY	1x140 kg 1x140 kg 1x180 kg	2x120 kg 2x120 kg 2x150 kg	Continuous operation S3 = 100% S3 = 100% Intense operation S3 = 60%	
SL6A ADVANCED SL6E EMERGENCY SL6H HEAVY SL6B BIG	1x140 kg 1x140 kg 1x180 kg 1x400 kg	2x120 kg 2x120 kg 2x150 kg 2x250 kg	Continuous operation S3 = 100% S3 = 100% S3 = 60% S3 = 60%	
HERMETIC SL6HA ADVANCED SL6HB BIG	1x100 kg 1x200 kg		Intense operation S3 = 60% S3 = 60%	
TELESCOPIC SLTA ADVANCED SLTE EMERGENCY	2x100 kg 2x100 kg	4x70 kg 4x70 kg	Continuous operation S3 = 100% S3 = 100%	

SLIDING DOOR SL3



COMPACT

SL3 is the most compact automation among **FACE** range, it is equipped with a brushless motor in direct drive and it is suitable to be installed even in case of space constriction.

EASY MAINTENANCE

The configuration without motor-gear makes **SL3** absolutely reliable, minimizing the needs of maintenance. The brushless motor is covered by a 5-year warranty and the automation is tested for 3 million cycles.

A POWERFUL CONTROL

The control includes as standard a wide range of native functions, an integrated display, configurable terminals, a USB port and a remote control interface.

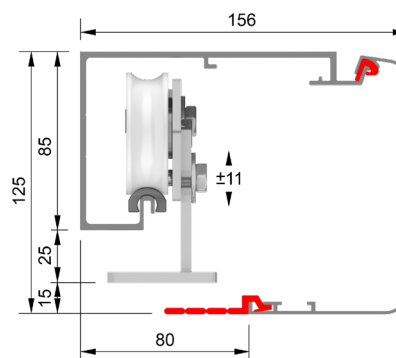
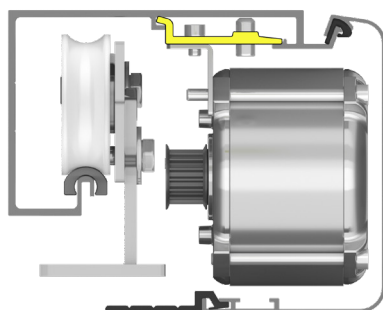
	LIGHT
Dimensions (mm):	100 x 148 x 6600
Max load (kg):	1 leaf: 70 2 leaves: 2 x 50 S3=100% 2 leaves: 2 x 60 S3=80%
Max speed (m/s):	1 leaf: 0.8 2 leaves: 1.6
Service class	continuous operation
Power supply	100 - 240 V 50/60 Hz
Rated power (W)	60
Stand-by (W)	8
Rated load (N)	80
Degree of protection	IP20
Operating temperature (°C)	-15 / +50
Accessory output	12 Vdc (1 A max)
Firmware update	USB standard / Micro SD

SL3 is a very compact automation and it provides **FACE** high standard of performance and quality. It is equipped with a brushless motor and with a powerful control board. **SL3** perfectly fits in all the environments thanks to its very compact design.

The brushless motor in direct drive makes the automation silent and increases its lifespan.



SLIDING DOOR SL4



HIGH PERFORMANCE

Equipped with a brushless motor in direct drive, it can be installed in all the environments thanks to its compact design and the optimization of its components.

EASY MAINTENANCE

The configuration without motor-gear makes **SL4** extremely reliable and with high performances, minimizing the need of maintenance. The brushless motor is covered by a 5-year warranty and the automation is tested for 5 million cycles.

A POWERFUL CONTROL

The control includes as standard a wide range of native functions, an integrated display, configurable terminals, a USB port and a the remote control interface.

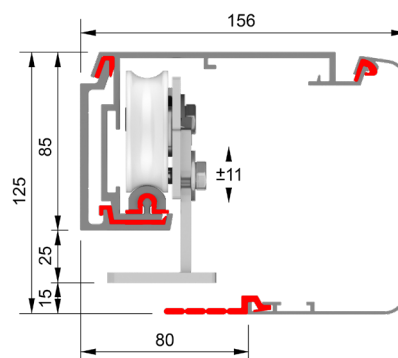
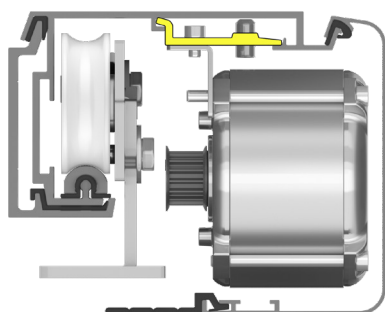
	ADVANCED - EMERGENCY
Dimensions (mm):	125 x 156 x 6600
Max load (kg):	1 leaf: 100 2 leaves: 2 x 90
Max speed (m/s):	1 leaf: 0.8 2 leaves: 1.6
Service class	continuous operation
Power supply	100 - 240 V 50/60 Hz
Rated power (W)	70
Stand-by (W)	10
Rated load (N)	150
Degree of protection	IP20
Operating temperature (°C)	-15 / +50
Accessory output	12 Vdc (1 A max)
Firmware update	USB standard / Micro SD

SL4 is a reference for energy efficiency. The brushless motor in direct drive increases the lifespan of the complete automation and provides a good level of silence.

SL4 is available in two versions: **ADVANCED** and **EMERGENCY** redundant.



SLIDING DOOR SL5



SILENT

The configuration with three gaskets, together with the brushless motor in direct drive, makes **SL5** absolutely silent.

EASY MAINTENANCE

The configuration without motor-gear makes **SL5** extremely reliable and with high performances, minimizing the need of maintenance. The brushless motor is covered by a 5-year warranty and the automation is tested for 5 million cycles.

EASY TO INSTALL

All the maintenance and installation activities are extremely easy, thanks to the profile configuration and to the hooking system for the rail profile and for all the components.

	ADVANCED EMERGENCY	HEAVY
Dimensions (mm):	125 x 156 x 6600	
Max load (kg):	1 leaf:140 2 leaves:120	1 leaf: 180 2 leaves:150
Max speed (m/s):	1 leaf:0.8 2 leaves:1.6	1 leaf:0.6 2 leaves:1.2
Service class	continuous operation	intense operation
Power supply:	100 - 240 V 50/60 Hz	
Power (W)	70	
Stand-by (W)	10	
Rated load (N)	150	
Degree of protection	IP20	
Operating temperature (°C)	-15 / +50	
Accessory output	12 Vdc (1 A max)	
Firmware update	USB standard / Micro SD	

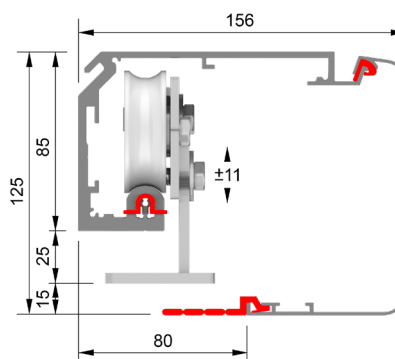
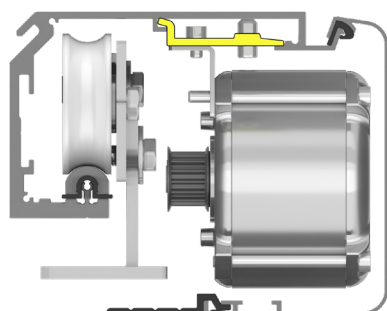
SL5 automation is a reference on the market for its silence thanks to the 3-gasket system that absorbs noise and vibrations. It also achieves the maximum level of energy efficiency through the use of the brushless motor in direct drive and to the switch mode technology.

The profiles system, the hooking system for the internal components and the integrated display make the installation very simple and easy.

SL5 is available as **ADVANCED** or as **EMERGENCY** in redundant configuration or in the **HEAVY** version for leaves up to 180 kg.



SLIDING DOOR SL6



VERSATILE

SL6 is extremely versatile: in the **Advanced** or **Emergency** version it is suitable for leaves up to 140 kg and in the **Heavy** or **Big** versions it can even reach 400 kg of load.

EASY MAINTENANCE

The configuration without motor-gear makes **SL6** extremely reliable and with high performances, minimizing the need of maintenance. The brushless motor is covered by a 5-year warranty and the automation is tested for 5 million cycles.

A POWERFUL CONTROL

The control includes as standard a wide range of functions, an integrated display, programmable terminals, a USB port and a remote control interface.

	ADVANCED EMERGENCY	HEAVY
Dimensions (mm):	125 x 156 x 6600	
Max load (kg):	1 leaf: 140 2 leaves: 120	1 leaf: 180 2 leaves: 150
Max speed (m/s):	1 leaf: 0.8 2 leaves: 1.6	1 leaf: 0.6 2 leaves: 1.2
Service class	continuous operation	intense operation
Power supply:	100 - 240 V 50/60 Hz	
Power (W)	70	
Stand-by (W)	10	
Rated load (N)	150	
Degree of protection	IP20	
Operating temperature (°C)	-15 / +50	
Accessory output	12 Vdc (1 A max)	
Firmware update	USB standard / Micro SD	

SL6 automation is extremely versatile and it is available in the following versions:

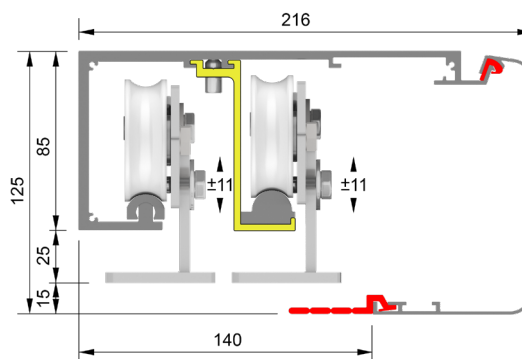
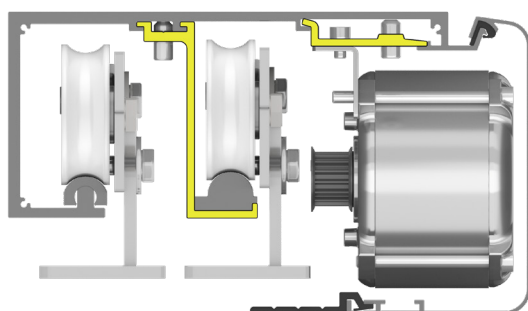
- **ADVANCED** and **EMERGENCY** for leaves up to 140 kg;
- **HEAVY** up to 180 kg;
- **BIG** up to 400 kg.

SL6 can be used also to realise the **hermetic** automation.

SL6 has all the characteristics of efficiency and high performance of **FACE** automations: it includes a powerful control board with integrated display, configurable terminals and a wide range of customizable parameters to match every customer need.



TELESCOPIC DOOR SLT



EASY TO INSTALL

SLT automation is easy to install and to be maintained thanks to its patented suspended rail system and to the double synchronized pulley system.

SUITABLE FOR ESCAPE ROUTES

SLT can be installed on escape routes in its Emergency redundant version.

SPACE LIMITED INSTALLATIONS

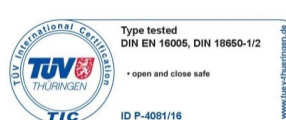
FACE telescopic automation is the perfect solution to get a wide passage even with space constrains.

	ADVANCED EMERGENCY
Dimensions (mm):	125 x 216 x 6600
Max load (kg):	2 leaves: 2x100 4 leaves: 4x70
Max speed (m/s):	2 leaves: 0.8 4 leaves: 1.6
Service class	continuous operation
Power supply:	100 - 240 V 50/60 Hz
Power (W)	70
Stand-by	10
Rated load (N)	150
Degree of protection	IP20
Operating temperature (°C)	-15 / +50
Accessory output	12 Vdc (1 A max)
Firmware update	USB standard / Micro SD

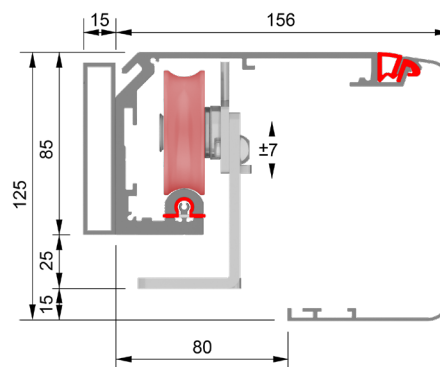
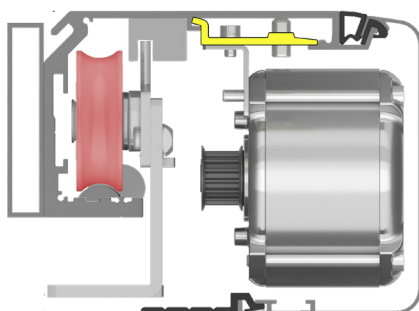
SLT telescopic automation is available as **ADVANCED** or **EMERGENCY** redundant and it is the perfect solution in case of space constrains.

The patented **FACE** solution includes a suspended rail with modular supports that allows the complete access to the inner leaves for installation and maintenance.

The synchronization and the adjustment of the slow and quick leaves is extremely easy: it is sufficient to put the two leaves in the complete open position and then tight the two screws placed on the external pulley. The brushless motor in direct drive and the feeding system with switch mode technology assure the maximum level of energy efficiency.



HERMETIC DOOR



EASY TO CLEAN

The leaf is made of stainless steel or laminate HPL with extremely smooth surfaces. It is easy to clean and antibacterial.

HIGH PERFORMANCE

The hermetic leaf guarantees the perfect sealing and air leakage test reports are available.

TAILOR MADE SOLUTION

The hermetic leaves can be realised according to customer requests: from the handles to the size of the window, from the dimensions to the type and colour of the external finishing.

	ADVANCED - BIG
Dimensions (mm):	125 x (10+156) x 6600
Max load (kg):	100 - 200
Max speed (m/s):	0.8
Service class	intense operation
Power supply:	100 - 240 V 50/60 Hz
Power (W)	70
Stand-by	10
Rated load (N)	150
Degree of protection	IP20
Operating temperature (°C)	-15 / +50
Accessory output	12 Vdc (1 A max)
Firmware update	USB standard / Micro SD

FACE provides a complete package of hermetic doors, that includes the automation **SL6H**, the leaf and the frame. A sealing system and a specific rail, that pushes the door against the wall, provide a perfect air tightness.

The leaves are available in two versions with a thickness of 48 or 60 mm, the external panel can be realised in stainless steel AISI304 with scotch-brite finishing or in laminate HPL.

The leaf includes an internal layer of expanded polyester for a fire-retardant purpose and, as option, a lead foil for the X ray shielding.

The hermetic leaf can be customized according to customer request, which may include different types of handles, window with different shapes and sizes or special colours for the HPL panel.



ACCESSORIES



SUPERCAPACITOR

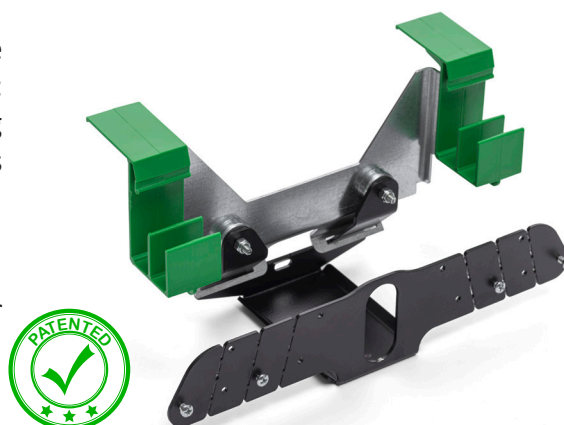
Supercapacitor is a patented device that guarantees the opening of the door in case of power failure making unnecessary the use of a lead battery. Supercapacitor is an eco-friendly device since it has a much lower impact on environment: it doesn't contain toxic chemical elements or heavy metals and it has a lifespan seven times longer than a battery. Supercapacitor has many other advantages: it is not sensitive to temperature in terms of lifespan or charge, it is lighter, it is easier and cheaper to handle since there are no shipment restrictions and it doesn't require to be disposed as an hazardous waste.

SENSOR FIXING DEVICE

FACE fixing sensor is a patented solution that allows to fix the sensor to a magnetic-release bracket. It is simple and smart: the support can slip on the rear slide making the opening of the cover and all the maintenance/installation activities possible, while keeping the sensor in its proper location.

The advantages are the following:

- The adjustment of the sensors can be done in their working position;
- It is no longer necessary to drill the cover;
- The maintenance activities are faster and easier.



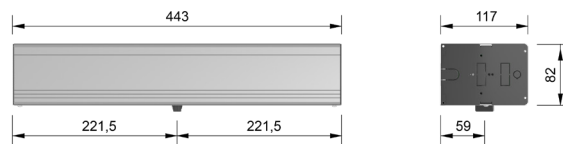
FACE automations can be completed with additional accessories to meet customer requests, such as:

- Bi-stable lock: it guarantees the lock even in case of power failure. It can be completed with a microswitch that detects the position of the locking device and with a handle for the mechanical unlock;
- Magnetic brake: it is an intrinsically safe lock that allows the manual opening of the door even in case of power failure;
- A complete set of opening and safety sensors;
- Battery to assure the emergency opening;
- Opening proximity sensors: elbow switches and traffic lights;
- Key mechanical selector and button for emergency opening.

RANGE OF SWING AUTOMATIONS

SWING AUTOMATIONS	MAX WEIGHT	SERVICE CLASS INTERMITTENCE	DIMENSIONS
SW2 LIGHT	1x200 kg	Continuous operation S3 = 100% 	 <p>443 117 82 59 221,5 221,5</p>
SW5 HEAVY	1x300 kg	Continuous operation S3 = 100% 	 <p>463 118 104 60 231,5 231,5</p>
SW70S SPRING	1x300 kg	Continuous operation S3 = 100% 	 <p>620 150 70 60 410 210</p>

SWING DOOR SW2



COMPACT

The compact design makes SW2 Light suitable for many types of installation.

EFFICIENT

The brushless motor and electrical feeding with switch mode technology make SW2 very efficient. The brushless motor is covered by a 5-year warranty and the automation is tested for 5 million cycles.

A POWERFUL CONTROL

The control includes as standard a wide range of functions, an integrated display, programmable terminals, a USB port and a remote control interface.

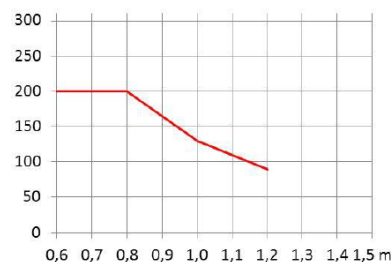
	SW2
Dimensions (mm):	82 x 117 x 443
Max load (kg):	200 x 0,8 m
Opening/closing time (s)	2 - 6
Service class	Continuous operation
Power supply:	100 - 240 V 50/60 Hz
Power (W)	40
Stand-by (W)	8
Rated load (N)	20
Degree of protection	IP20
Operating temperature (°C)	-15 / +50
Accessory output	12 Vdc (1 A) 24 Vdc (0.5 A)
Firmware update	USB standard / Micro SD

SW2 is the smallest automation of **FACE** swing range and its compact design provides a very nice aesthetic result.

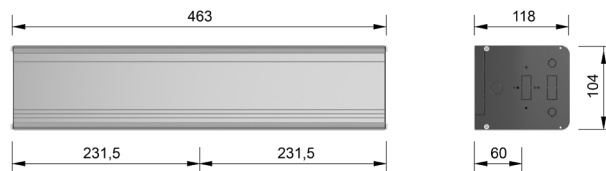
SW2 is suitable for many types of installation and it is available with three types of arm:

- Sliding to pull;
- Sliding to push;
- Articulated to push.

Running parameters can be set on “low energy” mode for all the installations that don't include safety sensors.



SWING DOOR SW5



VERSATILE

SW5 is extremely versatile and suitable for all types of installations.

EFFICIENT

The brushless motor and electrical feeding with switch mode technology make **SW5** very efficient. The brushless motor is covered by a 5-year warranty and the automation is tested for 5 million cycles.

A POWERFUL CONTROL

The control includes as standard a wide range of native functions, an integrated display, configurable terminals, a USB port and a remote control interface.

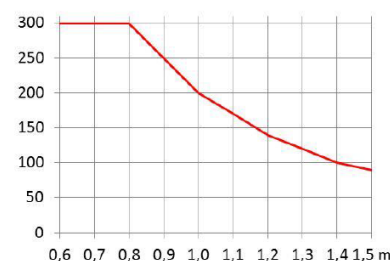
	SW5
Dimensions (mm):	104 x 118 x 463
Max load (kg):	300 x 0.8 m
Opening/closing time (s)	2 - 6
Service class	Continuous operation
Power supply:	100 - 240 V 50/60 Hz
Power (W)	70
Stand-by (W)	8
Rated load (N)	40
Degree of protection	IP20
Operating temperature (°C)	-15 / 50
Accessory output	12 Vdc (1 A) 24 Vdc (0.5 A)
Firmware update	Standard USB / Micro SD

SW5 is the Heavy version of swing door automations with motor-driven opening and closing. It is a very versatile and efficient automation that can be used for indoor and outdoor installations.

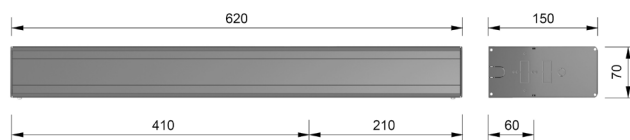
SW5 is suitable for many types of installation and it is available with three types of arm:

- Sliding to pull
- Sliding to push
- Articulated to push.

Running parameters can be set on “low energy” mode for all the installations that don't include safety sensors.



SWING DOOR SW70S



SILENT

The mechanism features a simplified gear reduction, enhanced smoothness, and optimized materials for better acoustics.

COMPACT

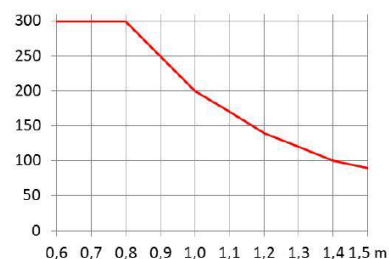
A single spring with an embedded system ensures the final kick/latch. The slimmer design allows easy installation in tight spaces. It features a thinner B9115 brushless motor, with redesigned SW70SA sliding and SW70AA articulated arms.

USER FRIENDLY

A new, easy pre-charging system for the closure spring. The CB20 control unit features a seamless interface, a joystick, and a 1.8" LCD for easy navigation. The PCBA is protected by a plastic cover.

	SW70S
Dimensions (mm):	70 x 150 x 620
Max load (kg):	300 kg x 0.8 m
Opening/closing time (s)	2 - 6
Service class	continuous operation
Power supply:	100 - 240 V 50/60 Hz
Power (W)	70
Stand-by (W)	0,5
Rated load (N)	40
Degree of protection	IP20
Operating temperature (°C)	-15 / 50
Accessory output	12 Vdc (1 A max) 24 Vdc (1 A max)
Settings	Joystick or app FACE PRC
Firmware update	Standard USB

The **SW70S** automation for swing doors is equipped with a spring that ensures closure even in the event of a power failure. The system provides smooth and controlled movement, allowing opening angles of up to 170°. The brushless motor minimizes maintenance requirements, noise, and wear, ensuring a lifespan up to 10 times longer than a traditional DC motor.



The operating parameters can be set in "low energy" mode (fully compliant with Annex F of the EN16005 standard) for applications without safety sensors.



FUNCTION SELECTOR



	FSD5	FSD6
Dimensions (mm):	43 x 143 x 17	42 x 140 x 15
Function selection	Door open, door close, automatic partial operation, bi-directional operation, one-way operation	
Protection mode	Logo badge URC app	Logo Numeric code
Interface	Bluetooth NFC	na
App compatibility	FACE PRC FACE URC	na

USER FRIENDLY AND INTUITIVE

The main functions can be activated with a single touch on the icon.

OPEN TO COMMUNICATE

Integrated Bluetooth and NFC interface make **FSD5** a smart selector, that can communicate with any mobile phone.

SAFE

The selector can be protected to avoid that unauthorized people operate on it and, for this reason, it can be used for escape route doors.



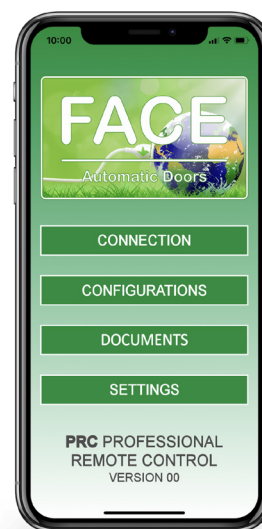
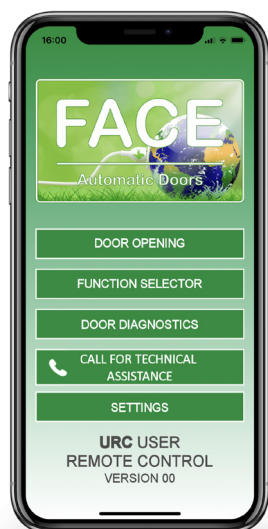
FSD5 and **FSD6** selectors are designed to have the full control of the automation. The compact size makes them suitable for the installation on thin frames or uprights.

FSD5 is available as standard in aquamarine green.

FSD6 is available in four different colours.

Customized colours and exclusive logo designs can be realised upon request.

URC & PRC APP



SMART

All the parameters of the automation can be set and modified without even opening the cover.

ALWAYS CONNECTED

The file with all the diagnostic information can be easily downloaded and shared in a matter of seconds.

KEYLESS ACCESS

URC app allows the final user to open the door using his mobile phone, without the need of a badge or mechanical keys.



FACE PRC - Professional Remote Control is the app developed for installers/mainteners that allows the complete setting of the automation without even opening the cover since the control system and the local display are replicated on the smartphone. The configuration can be easily downloaded to be uploaded on another door, and all the information for diagnostic such as number of cycles, alarms and warnings can be shared.

FACE URC - User Remote Control is the application for the final user. This app transforms the smartphone in a virtual selector or in a key to open the door. It is also possible to download the diagnostic file to be sent to the installer in charge of maintenance and service.

FRAME FOR SLIDING SF30

SF30 is **FACE** profile system for automatic sliding doors that meets the safety requirements of European EN16005.

The **SF30** system consists of only two profiles, one for the vertical part and one for the horizontal part. The thickness of the profile is of 30 mm and it can lodge two types of glasses: safety glass from 8 to 10 mm and thermal glass from 20 to 22 mm.

FACE provides the complete support to its customer supplying: the complete list of items to assemble a specific door, the cutting measures for aluminium profiles and gaskets and the list of possible types of glasses with relative dimensions and weights.

EASY TO ASSEMBLE

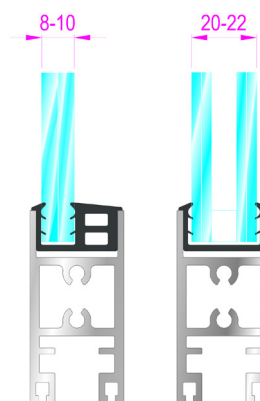
To get the maximum ease of assembly, the system is composed of just two types of profiles: one for the verticals and one for the horizontals.



FLEXIBLE AND VERSATILE

The **SF30** frame system for automatic sliding and telescopic doors, with 30 mm thickness, is designed to host two types of glasses:

- Safety glass from 8 to 10 mm thickness;
- Thermal glass from 20 to 22 mm thickness.

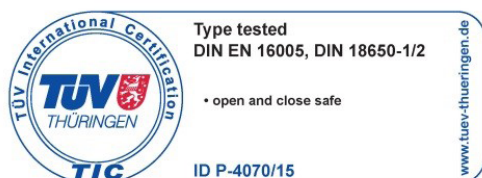


ROBUST

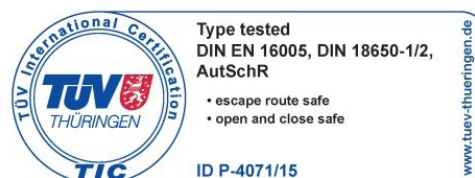
Certified according to EN16005 by German TÜV THÜRINGEN.

SF30 profiles are robust and strong.

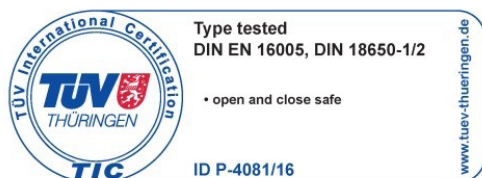
Automatic sliding doors



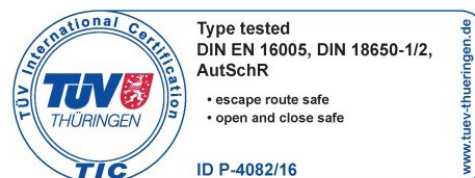
Automatic sliding doors for emergency exits



Telescopic automatic doors

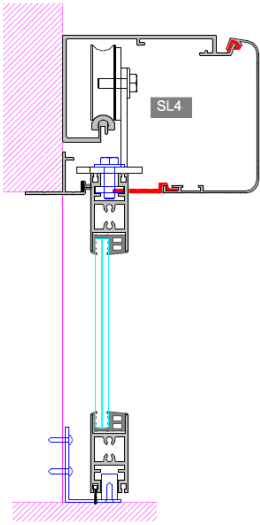


Telescopic automatic doors for emergency exits

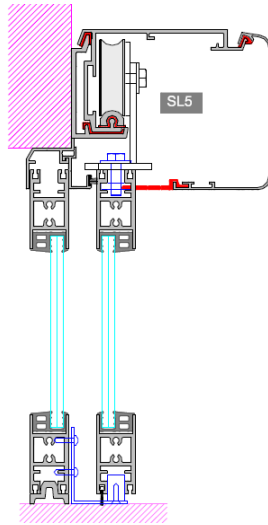




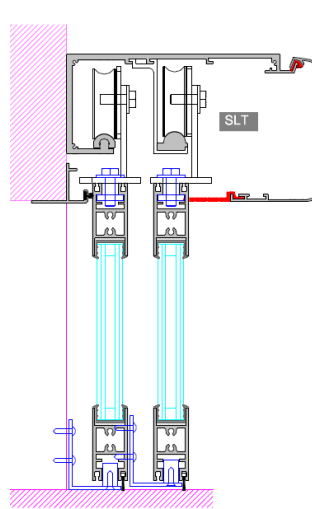
Automatic door with 2 sliding leaves



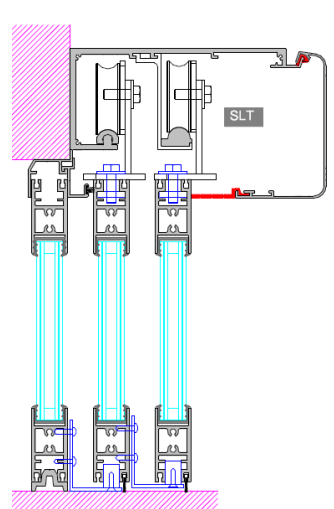
Automatic door with 2 sliding leaves + 2 side walls



Telescopic automatic door with 4 sliding leaves

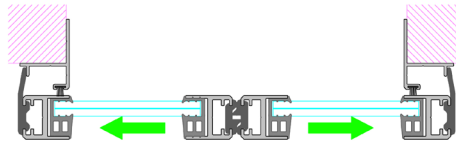


Telescopic automatic door with 4 sliding leaves + 2 side walls

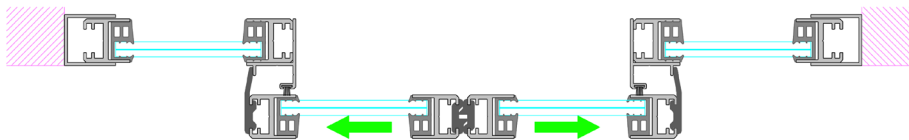


SF30 AUTOMATIC SLIDING DOORS - HORIZONTAL DRAWINGS

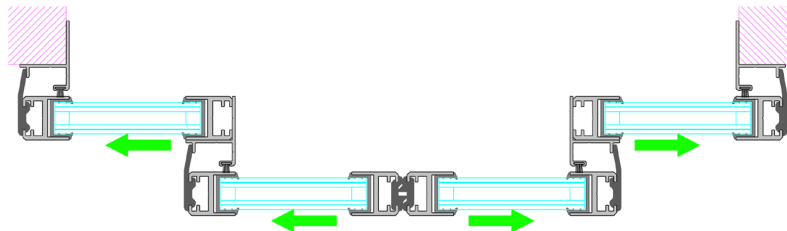
Automatic door with 2 sliding leaves



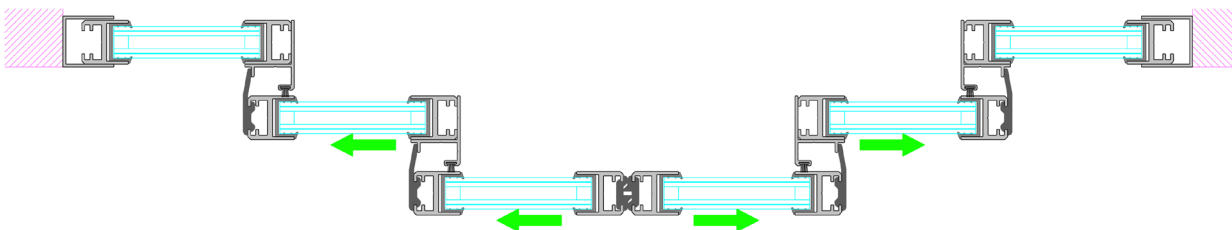
Automatic door with 2 sliding leaves + 2 side walls



Telescopic automatic door with 4 sliding leaves



Telescopic automatic door with 4 sliding leaves + 2 side walls





INNOVATE TO SIMPLIFY RESPECTING THE PLANET

All technical and commercial documents are available in the DOWNLOAD area of the website
www.facespa.it.

PRODUCTS

DOWNLOAD



AWARDS

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