

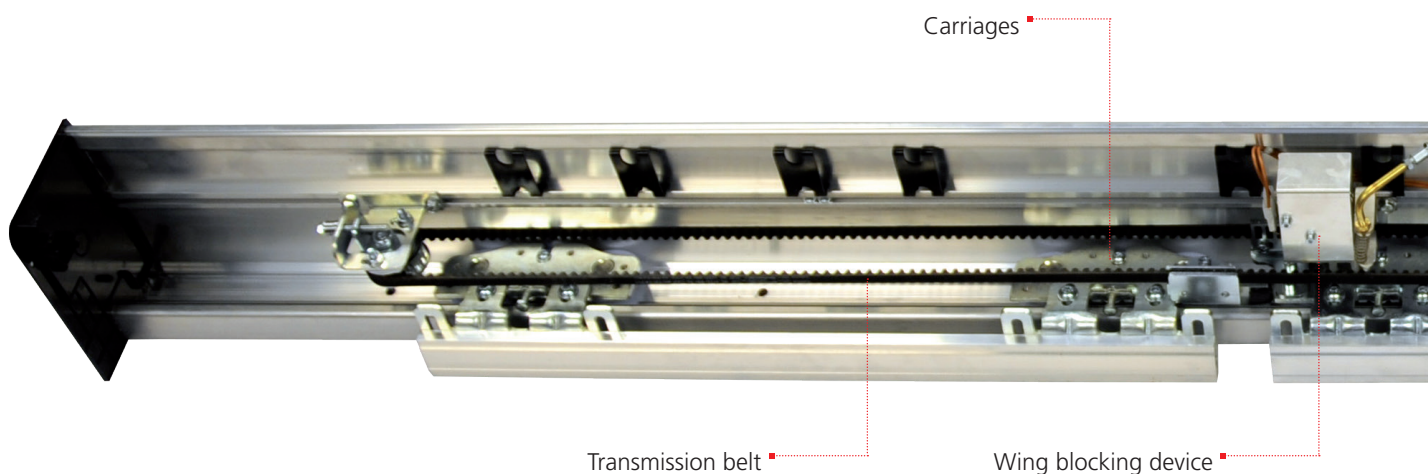


Operators for sliding doors





slaid



Electromechanical operator SLAID for sliding doors suitable for doors available in 2 models:

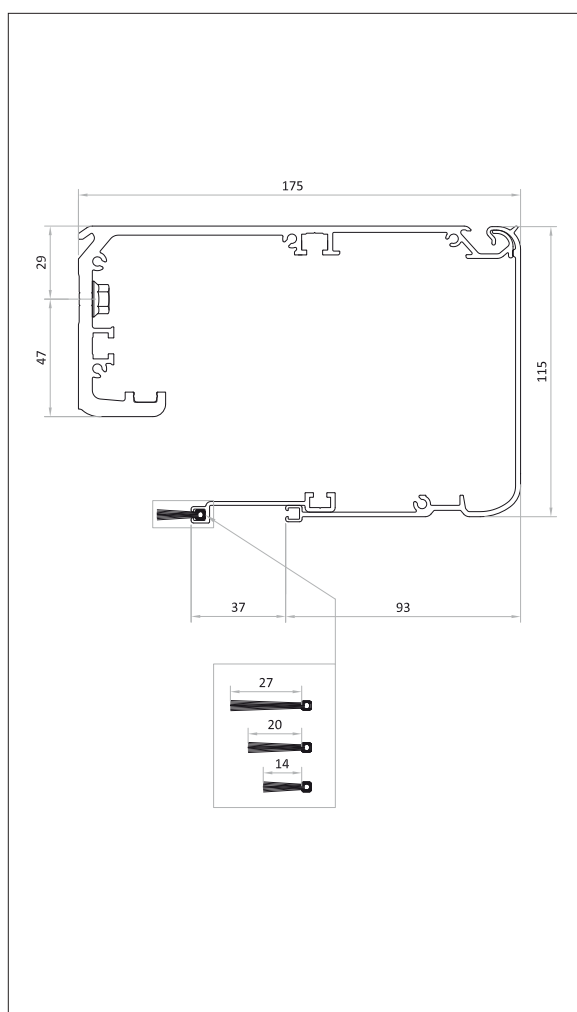
SLAID140: max 140kg (1 wing) and 100kg+100kg (2 wings)

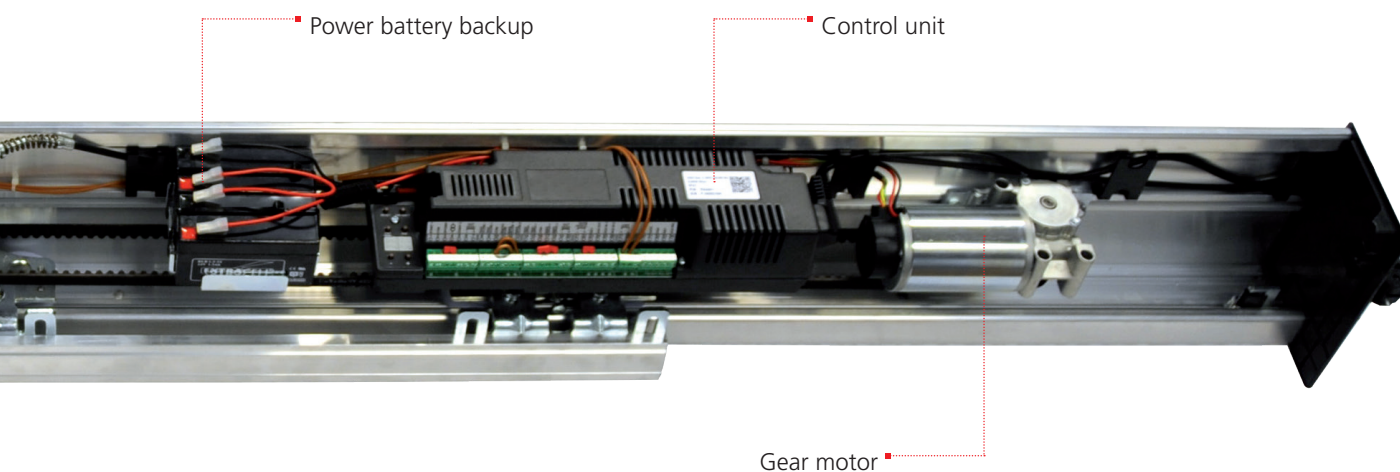
SLAID160: max 160kg (1 wing) and 140kg+140kg (2 wings)

Operator in compliance to the European norm EN16005.

Full operator includes the following components:

- support aluminum profile extruded perforated for easy wall mounting.
- sliding guide in special alloy reinforced extruded aluminum replaceable and mounted with a special rubber profile
- cover in extruded aluminum design particularly slender and with sophisticated coupling system, allows the inspection without the complete removal
- carriage in galvanized steel and double wheel plastic selflubricating, height adjustment by screw system and antislipping simple adjustment
- antistatic belt with Kevlar fibers reinforcements
- DC motor with high resolution encoder rated at 150W
- control board operated by double microprocessor
- automatic acquisition of the operating parameters, adjustment and setting of parameters and external peripherals through display on board
- main-key removable, selection of the model of operator, upgrades and customization of firmware



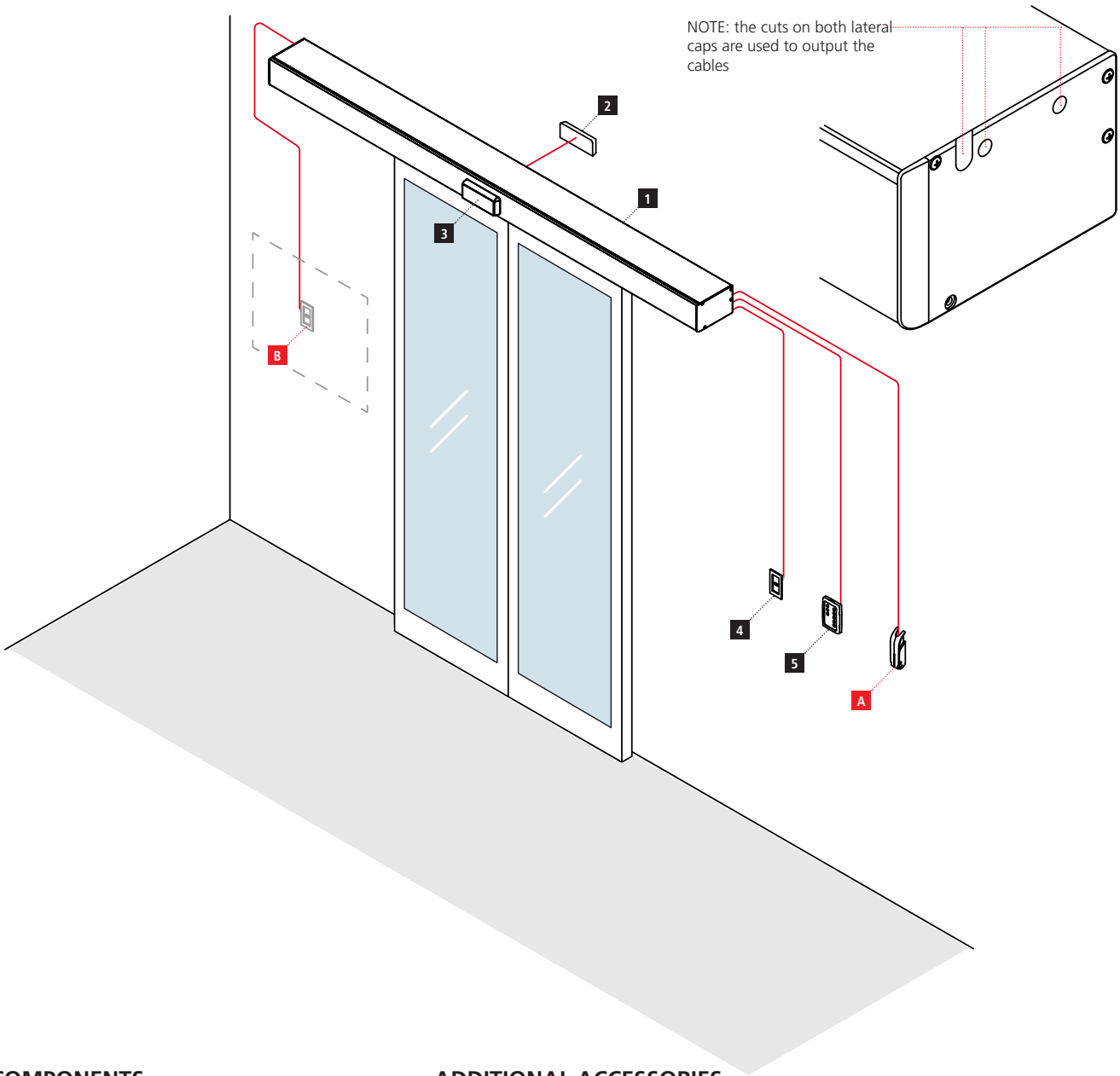
OPERATORS FOR **SLIDING DOORS**

Description	230V sliding doors up to 140 Kg (1 wing) 100 Kg (2 wings)	230V sliding doors up to 160 Kg (1 wing) 140 Kg (2 wings)
MODEL	SLAID140	SLAID160
CODE	33A051	33A052
Wings	1 ÷ 2	1 ÷ 2
Power supply (Vac - Hz)	230 - 50/60	230 - 50/60
Rated power (W)	150	180
Power supply for external devices (Vdc - W)	15 - 12 max	15 - 12 max
Power battery backup (optional)	24V - 1.2 Ah	24V - 1.2 Ah
Max opening speed (cm/s)	1 wing: 70 2 wings: 140	1 wing: 70 2 wings: 140
Max closing speed (cm/s)	70% of opening speed	70% of opening speed
Maximum payload (Kg)	1 wing: 140 2 wings: 100	1 wing: 160 2 wings: 140
Clear opening	1 wing: 700÷3000 mm 2 wings: 800÷3000 mm	
Working temperature (°C)	-10 ÷ +55	
Anti-crushing	Automatic limitation of the traction force in the presence of obstacles	
Weight (Kg)	11	
Service	Continuous	
Protection	IP20	



OPERATORS FOR SLIDING DOORS

Example system



COMPONENTS

- 1 Motor
- 2 External radar
- 3 internal radar
- 4 Command push button
- 5 Logics selector

ADDITIONAL ACCESSORIES

- A Handle lock release
- B External key switch selector

CABLE TO BE USED

LENGTH OF THE CABLE	< 10 metres	from 10 to 20 metres	from 20 to 30 metres
Power supply (230V)	3G x 1,5 mm ²	3G x 1,5 mm ²	3G x 2,5 mm ²
Radar	8 x 0,5 mm ²	8 x 0,5 mm ²	8 x 0,5 mm ²
Command push button	2 x 0,5 mm ²	2 x 0,5 mm ²	2 x 0,5 mm ²
Logics selector	4 x 0,5 mm ²	4 x 0,5 mm ²	4 x 0,5 mm ²
External key switch selector	2 x 0,5 mm ²	2 x 0,5 mm ²	2 x 0,5 mm ²


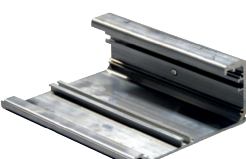
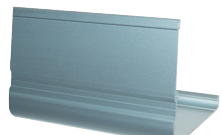
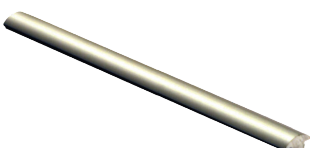




Operators for sliding doors



MODEL	CODE	DESCRIPTION
SLAID140	33A051	230V - Fixed parts kit for the installation of doors up to 140 Kg (1 wing) doors up to 100 Kg (2 wings)
SLAID160	33A052	230V - Fixed parts kit for the installation of doors up to 160 Kg (1 wing) doors up to 140 Kg (2 wings)

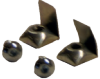



slaid accessories

	CODE	DESCRIPTION
	33A053	Kit for the installation of the second wing
	33A054	Track profile raw (4,4 m)
	33A055	Track profile raw (6,8 m)
	33A056	Cover profile silver anodized (4,4 m)
	33A057	Cover profile silver anodized (6,8 m)
	33A058	Rail profile silver snodized (4,4 m)
	33A059	Rail profile silver snodized (6,8 m)
	33A060	Guide rubber gasket (25 m)
	33A061	Transmission belt (120 m)
	33A062	Transmission belt (12m)

OPERATORS FOR **SLIDING DOORS**

	CODE	DESCRIPTION
	163314	Airtight brushes 14 mm (2,5 m)
	163315	Airtight brushes 20 mm (2,5 m)
	163316	Airtight brushes 27 mm (2,5 m)
	163317	Gap closer profile silver anodized (6,8 m)
	163318	Gap closer profile support brackets
	163319	Backup battery kit LH100/140 with recharger and control card
	163320	Basic logics selector. It allows to select 9 different logics of the door and to adjust basic parameters
	163323	Basic logics selector with key lock. It allows to select 9 different logics of the door and to adjust basic parameters.
	163321	Fail secure lock with single manual release

OPERATORS FOR **SLIDING DOORS**

	CODE	DESCRIPTION
	163322	Kit screws for cover
	13D008	Single beam safety photocell
	13D009	COLIBRI TWO (L80 x L60 x H55mm). Bidirectional microwavw radar
	13D010	VIO DT2 Dual technologies sensor active infrared and microwave bidirectional



OPERATORS FOR SLIDING DOORS

slaid anti-panic break-out system

The anti-panic system allows the break-out opening of an automatic sliding entrance door.

It is possible to select either a PARTIAL or TOTAL break-out system. The first is designed to allow if needed only break-out of the movable part (sliding door/s) of the automatic entrance; the second is designed to ensure, in case of break-out of the sliding doors, also the release of the "semi-fixed" doors helping to increase the width of the opening intended for the escape, facilitating the evacuation phase of the premises in case of emergency.

The V2 anti-panic break-out system is designed to meet the safety requirements whenever the entrance is used as an escape route in case of fire or other disasters that may affect the building. The system consists essentially of two highly resistant aluminium alloy section bars which support the sliding door, and parts applied to the frame allow the door, with the use of an adequate force, to be released from the upper section and rotate in the direction of opening so as to completely free the escape route.

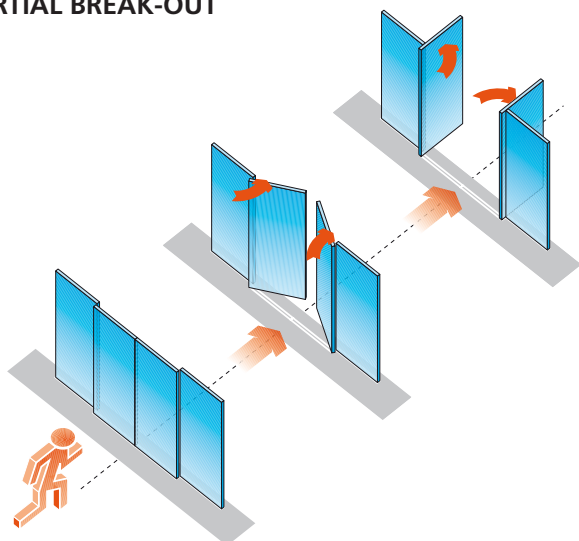
The sliding guides are housed under the running of the sliding doors and are designed to minimise the vertical space used, as a result minimising the risk of tripping during the emergency evacuation phase of the premises.

If the break-out system is activated during the operation of the system, the operator control panel automatically logs the event and the brings the doors to the fully open position to facilitate maximum opening of the escape route.

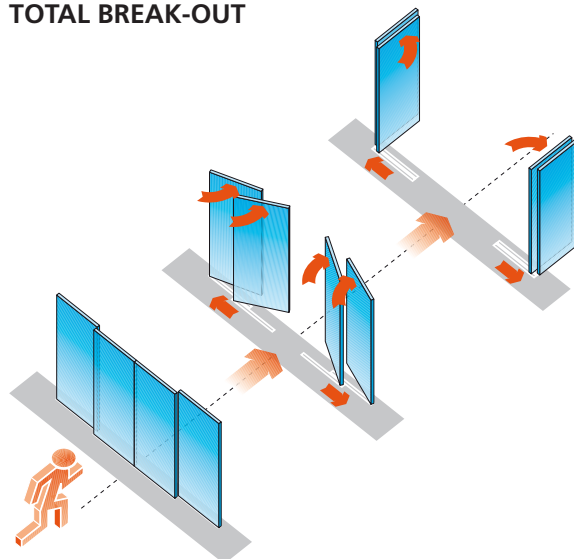
The V2 break-out system has been tested and comes with the related test certificate issued by the Interior Ministry.

It is also designed to adapt to all of the most common commercial profiles: an inner chamber of the post of at least 29x29 mm is required as well as the possibility of obtaining a distance between the centre of the rotation shaft and the post tail of 23.5 mm.

PARTIAL BREAK-OUT



TOTAL BREAK-OUT



SELECTION GUIDE

Select either the BASIC kit or the PLUS kit according to the weight and the width of the door as seen in the following table:

Door width [mm] minimum = 570	The weight of the door also includes the anti-panic break-out kit (12 Kg)	
	BASIC	PLUS
600	0 ÷ 135 Kg	-
700	0 ÷ 115 Kg	-
800	0 ÷ 115 Kg	-
900	0 ÷ 90 Kg	50 ÷ 125 Kg
1000	0 ÷ 80 Kg	50 ÷ 115 Kg
1100	0 ÷ 70 Kg	50 ÷ 110 Kg
1200	-	50 ÷ 100 Kg
1300	-	50 ÷ 90 Kg
1400	-	50 ÷ 80 Kg

OPERATORS FOR **SLIDING DOORS**

NOTE: when installing the break-out system it is compulsory to install photocell beams with amplifier.

	CODE	DESCRIPTION
	163332	BASIC anti-panic kit for partial break-out. Anodised silver aluminium kit for one door
	163333	PLUS anti-panic kit for partial break-out. Anodised silver aluminium kit for one door
	163334	Total break-out kit. Anodised silver aluminium kit for one door
	163335	Anodised silver aluminium sealing profile for total break-out (2.5 m bar)
	163336	Anodised silver aluminium sealing profile for total break-out (5.1 m bar)
	163337	Photocell installation kit. NOTE: when installing the break-out system it is compulsory to install photocell beams with amplifier
	13D008	Photocell beams
	163338	Photocell signal amplifier



slaid **commercial door accessories**

	CODE	DESCRIPTION
	163324	Sliding wing guide track raw (2,5 m)
	163325	Sliding wing guide track anodized (2,5 m)
	163314	Airtight brushes 14 mm (2,5 m)
	163326	Floor guide with low-friction insert. For 163324-163325 profiles
	163327	Adapter profile for commercial wings. Raw (1,6 m)
	163328	Adapter profile for commercial wings. Raw (3,2 m)
	163329	Adapter profile for commercial wings. Silver anodized (1,6 m)
	163330	Adapter profile for commercial wings. Silver anodized (3,2 m)
	163331	Plate for commercial profiles adapters. Pack of 4 plates (minimum quantity for 1 wing)

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