



Transit, Supertransit and Sprint



Swing door Automations



▶ Swing door automations

Swing door automations can all look alike to automate, actually operational requirements are different.

DITEC offers up to 7 automation models, which are grouped under 2 operational types:

- With power opening and spring closing;
- With power opening and closing.



▶ Product range

	Power opening and spring closing automations		Power opening and closing automations	
	Supertransit 95	Transit UE	Transit 97	Sprint
Application	Swing doors	Swing doors	Swing doors	Swing doors
Load capacity	250 kg	100 kg	250 kg	100 kg
Duty	Heavy	Heavy	Heavy	Heavy

▶ Technical specifications

	Supertransit 95	Transit UE	Transit 97	Sprint
Description:	Automation for swing doors	Automation for swing doors	Automation for swing doors	Automation for swing doors
Special uses	fireproof (OST95W)	use by the disabled		use by the disabled
Capacity	250 kg x 1 m 150 kg x 1.5 m	100 kg x 1 m 80 kg x 1.2 m	250 kg x 1 m 150 kg x 1.5 m	100 kg x 1 m 80 kg x 1.2 m
Intermittence	S2 = 30 min / S3 = 80%	S2 = 30 min / S3 = 80%	S2 = 30 min / S3 = 80%	S2 = 30 min / S3 = 80%
Power supply	230 V~ / 50 Hz	230 V~ / 50 Hz	230 V~ / 50 Hz	230 V~ / 50 Hz
Insulation class	class 1	class 1	class 1	class 2
Input	1 A	1 A	1 A	0.2 A
Opening time	3÷6 s/90°	2÷6 s/90°	3÷6 s/90°	3 s/90°
Operating temperature	-20°C / +55°C (+5°C / +40°C batteries)	-20°C / +55°C (+5°C / +40°C batteries)	-20°C / +55°C (+5°C / +40°C batteries)	-20°C / +55°C (+5°C / +40°C batteries)
Protection degree	IP31 - IP44 (OST95W)	IP31	IP31	IP12D
Product dimensions	116x127x560 mm (short) 116x127x800 mm (long)	116x127x560 mm (short) 116x127x800 mm (long)	116x127x560 mm (short) 116x127x800 mm (long)	80x90x450 mm
Homologations	SITAC (Sweden)	UL		TUV

▶ Distinctive features

- Sturdy, anodised aluminium transom: (Transit - Supertransit).
- Control panel with microprocessor logic, enabling the automation to carry out several technologically advanced operations.
- Encoder technology position control system.
- Accident prevention system, consisting of built-in-the-automation impact-free device.
- Several types of articulated and sliding arms for wing motion, pull and push also in anti-panic version.
- Full range of common control and safety accessories.
- Versatile automations for both new and already present door frames.

▶ Power opening and spring closing automations

If you want your door to work even in the event of power failure, this is the best solution for you. Power opening and spring closing operators allow the door to open manually and close by means of a spring.

▶ Supertransit 95

Sturdy and versatile. For heavy duty.

For application on fireproof doors.

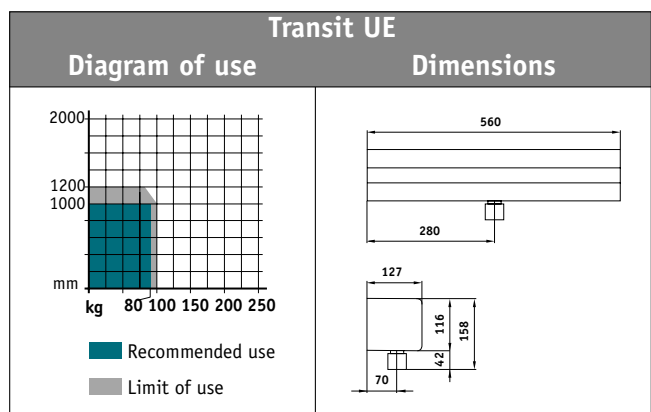
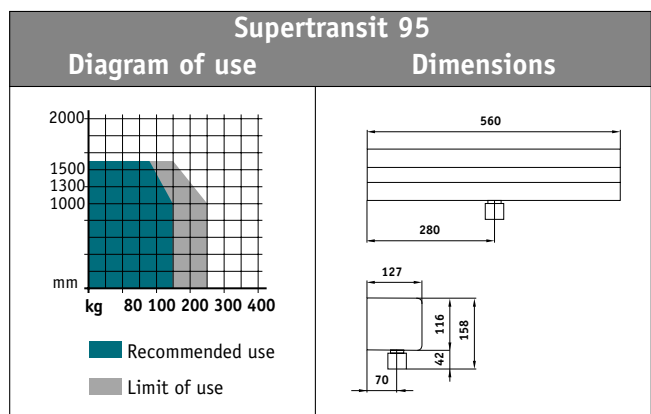
This is a sturdy, reliable and versatile automation with no special maintenance needs. It is made for heavy duty, heavy wing doors; Supertransit is the premium product of this range. Two versions are available: Supertransit 95C and Supertransit 95L (with built-in battery back-up device).

▶ Transit UE

Smooth and controlled motion.

Ideal for indoor use.

This is the right solution when there is no need for power and strength, but for a smooth motion. In fact, thanks to the controlled strength of the gearmotor, the system produces a "controlled" thrust either on opening or on closing. It is possible to select the Push and Go mode, which is necessary whenever control through detection accessories is not possible. Transit is the perfect solution indoors, especially in hospitals, clinics and where there are physically-impaired people.



PUSH AND GO
Push softly and your door
will open automatically



▶ Power opening and closing automations

▶ Transit 97

Sturdy, reliable, ideal for heavy duty or difficult outdoor conditions.

This is the necessary solution when environmental conditions are particularly heavy, such as doors exposed to wind and severe weather conditions.

Two versions are available: Transit 97C and Transit 97L (with built-in battery back-up device).



▶ Sprint

Small size. Great performance. Ideal for residential applications.

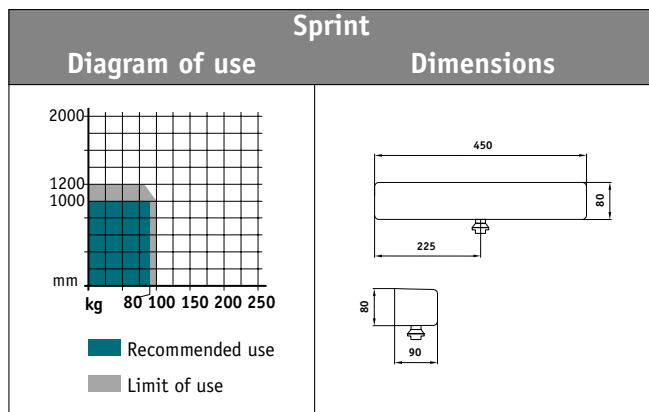
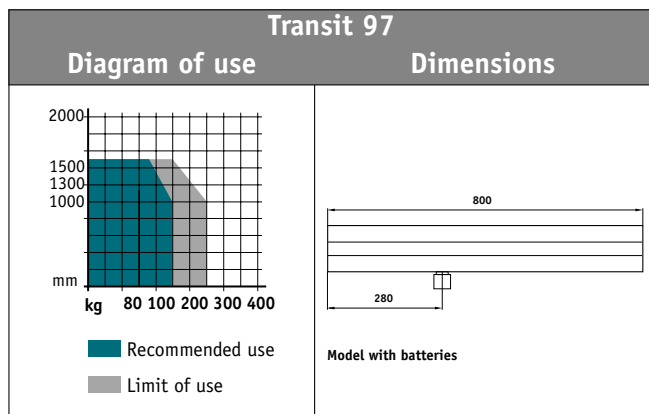
This small and light automation is the ideal solution for residential applications. It features a built-in battery back-up device, and a ON/OFF switch positioned in an easily accessible place.

It makes passage more functional and comfortable.

It is possible to select the Low Energy and the Push and Go modes. The Low Energy function enables the door to open and close with low energy and speed, thus making Sprint the right solution when there are physically-impaired people. The standard Push and Go function is necessary when control through detection accessories is not possible.

Safe and reliable.

This automation is safe, thanks to its standard impact-free device and it is reliable because it can be manually operated in the event of power failure. Thanks to these and other distinctive features, Sprint ranks at the top of the world's market for swing door automations, establishing itself as the ideal automation for residential applications.



PUSH AND GO
Push softly and your door will open automatically

LOW ENERGY
The door opens at reduced speed



▶ Automation and control panel main functions

	SUPERTRANSIT 95	TRANSIT UE	TRANSIT 97	SPRINT
Control panel	1950	196	1970	165
Batteries for operation in case of a power break	/ (optional)	/ (optional)	/ (optional)	/
Number of motors	1	1	1	1
Motor power supply	24 V= / 8 A	24 V= / 5 A	24 V= / 8 A	12 V= / 5 A
Accessory power supply	24 V= / 0.5 A	24 V= / 0.3 A	24 V= / 0.5 A	24 V= / 0.15 A
Electric lock	24 V= / 1.2 A	24 V= / 1.2 A	24 V= / 1.2 A	12 V= / 1.2 A
Limit switch prearrangement		/		
Encoder by means of the learning operation, the system recognises the mechanical stops and, during the following operations, it controls speed and deceleration	/		/	/
Force adjustment	/		/	
ODS - Obstacle detecting system causes stop or reversal of operation if an obstacle is found	/		/	/
Open speed adjustment	/	/	/	/
Close speed adjustment	/	/	/	/
Braking/Deceleration for best approach	/	/	/	/
Opening command	/	/	/	/
Push opening	/	/	/	/
Closing command	/		/	
Timed automatic closing	/	/	/	/
Stop safety device	/	/	/	/
Reverse movement safety device	/	/	/	/



► Dedicated accessories

► Supertransit - Transit

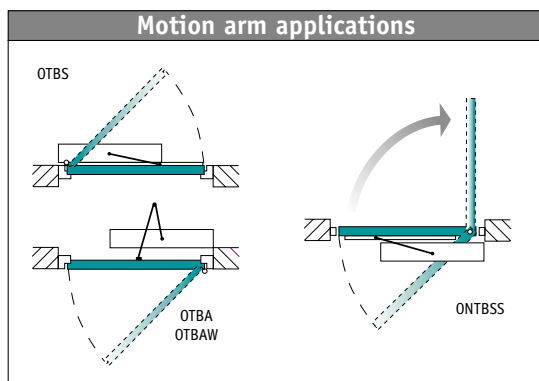
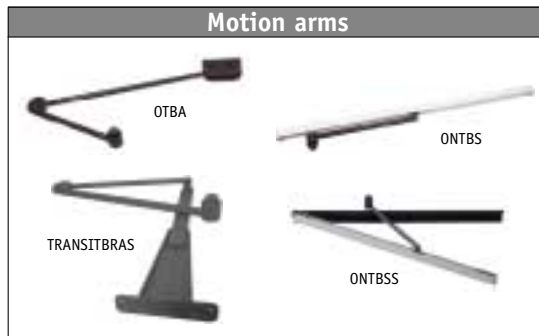
OTBA Painted, articulated motion arm

OTBAW Painted-steel articulated motion arm for fireproof automations

TRANSITBRAS Arm with accessory for articulated arm

ONTBS Sliding motion arm - EURAS C0

ONTBSS Break-out/anti-panic, sliding motion arm - EURAS C0

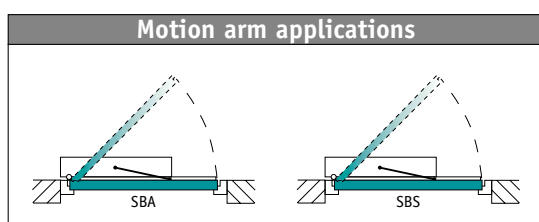
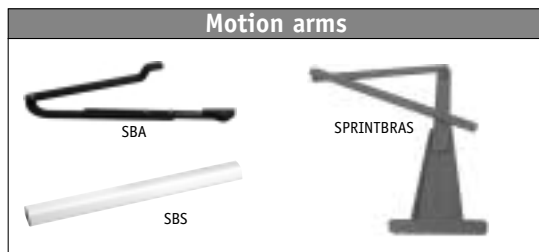


► Sprint

SBA Black-painted steel articulated motion arm

SPRINTBRAS Arm with accessory for articulated arm

SBS Sliding motion arm - EURAS C0



► Complementary accessories

Each automation system should be completed with control and safety devices compatible with all the components of the automation and complying with regulations.

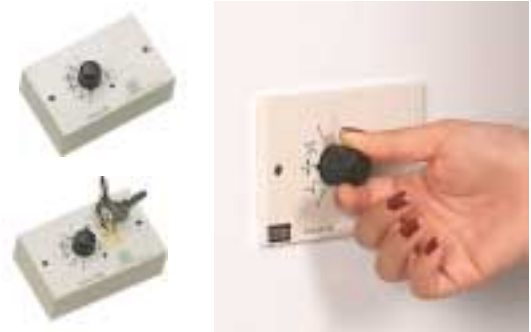
DITEC offers premium quality products and accessories, which satisfy any requirement.

► Function selectors with and without key lock

These selectors are used to select and set desired function modes of an automatic door. They can be surface or flush mounted.

Functions:

- Open door - Total one-direction opening - Total two-direction opening - Partial two-direction opening - Door closed - STOP night mode.



► Volumetric sensors

These are advanced electronic systems, which detect presence or passage of people in a specific area facing the entrance and have the function to control door opening and closing, and to ensure safe passage.

► Infra-red active sensors

Wide range of functions:

- front detection area width adjustment
- detection range adjustment
- application level adjustment
- functional sensitivity adjustment
- presence detection time adjustment
- 4 different operational frequencies to avoid interference or overlapping with other sensors.



▶ Passive, infra-red sensors and active infra-red barriers

These have the following features (depending on the versions)

- sensitivity adjustment and opening selection
- opening field zoom regulation.



▶ Microwave sensors

This is a volumetric, one- or two-direction system, which can be fitted on walls or on the ceiling through its bearing. Accurate motion detection. Parameters can be modified even from a distance by means of a remote control.



▶ Safety photocells

These photocells provide greater control during detection of possible obstacles. They are practical and almost invisible and can be positioned at different heights.



▶ Digital or key selectors

These selectors allow access to authorised people only. They can be fitted both indoors and outdoors. Can have a vandal-proof keypad.



▶ Opening contact sensors or transponder technology control sensors

These sensors enable door opening through buttons or codified cards. They are the ideal solution to automate entrances in companies or condominiums and wherever access should be allowed to authorised people only.



▶ Control buttons

Door opening is by pressing or touching these buttons.



▶ Sensitive floor mats

These mats can be positioned under carpets to detect presence and control door opening.

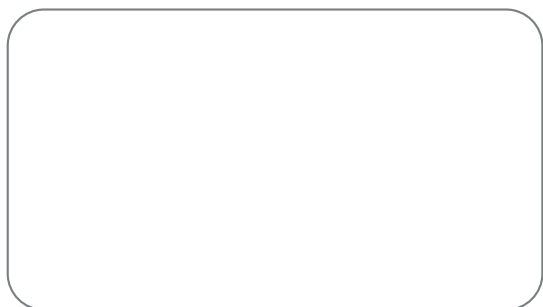


Regulations

Use only DITEC accessories and safety devices for automation system installation.

DITEC actuators are CE-marked. They are designed and built in compliance with the safety requirements defined in the Machinery Directive (98/37/EC), Electromagnetic Compatibility Directive (89/336/EEC) and Low-Voltage Directive (73/23/EEC). DITEC S.p.A. reserves the right to make any changes whatsoever in order to upgrade its products.

Ditec products are constantly improved. As a consequence, technical data as listed in this leaflet are not to be considered binding. Further information can be found in our technical manuals, available on the website www.ditec.it



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