



# TECHNICAL CATALOGUE

## VISTA SL / VISTA SLC / VISTA TL

PEDESTRIAN SLIDING DOORS AUTOMATION



Be ahead

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## AUTOMATIONS FOR SLIDING PEDESTRIAN DOORS

Complete range of automations for fast sliding pedestrian doors, EN 16005 compliant. The control unit, with a programming display and microprocessor technology, makes it possible to control all the main functions automatically. Autoset D-Track system for movement and torque parameters. Compatible with low-energy mode. Incorporated dual channel radio receiver (transmitter not included). The cushioned rail and shaped wheels guarantee absolute silence in movement. Electric locking with the holding of doors at each stop position. Cover not included. Available assembled to size or in an assembly kit.



### VISTA SL1

Automation for fast sliding pedestrian doors

Operators: VISTA SL1, VISTA SL2

### VISTA SL2

Maximum case length: 5.200 mm for 1 leaf, 6.000 mm for 2 leaf

Maximum opening: 2.550 mm for 1 leaf, 2.900 mm for 2 leaves



### VISTA SLC1

Compact automation for pedestrian doors

Operators: VISTA SLC1, VISTA SLC2

### VISTA SLC2

Maximum case length: 5.200 mm for 1 leaf, 6.000 mm for 2 leaf

Maximum opening: 2.550 mm for 1 leaf, 2.900 mm for 2 leaf



### VISTA TL2

Telescopic automation for pedestrian doors

Operators: VISTA TL2, VISTA TL4

### VISTA TL4

Maximum case length: 5.100 mm for 2 leaf, 6.800 mm for 4 leaf

Maximum opening: 3.250 mm for 2 leaf, 4.400 mm for 4 leaf



**ARIA EVO** Control panel with programming display and microprocessor technology, allows to adjust automatically all the main functions on board or remote management through interconnectivity protocol U-Link. Autoset system for movements and torque parameters. Incorporated dual channel radio receiver (transmitter not included). Master/Slave management in double automation for interlock function.

# BFT, technologies, instruments, protocols

The adoption of exclusive and safe technologies and protocols ensures optimum performance at all times and makes BFT automation systems the essence of innovation, quality and reliability.



## U-Link

A single communication platform for all types of control units and receivers.

The innovative interconnectivity systems developed by Bft along with wireless connection solutions in the field of access point automation become integrated through the new U-link system communication protocol.

A technology designed and developed to operate using specific gateways for any type of physical media and communication protocol.

To fully facilitate installers in creating the system and in maintenance, Bft can offer solutions based on Bluetooth transmission systems in local and TCP/IP environments for remote connection.

U-Link ensures an absolutely stable standard, correct communication, as well as secure data protection thanks to two levels of encryption, offered by the data encryption system and password of the protocol and by the underlying communication system.

- U-Link is a technological platform that forms the heart of Bft products
  - U-link uses an open approach: by changing the B-Eba, Bft proprietary gateway, it is possible to adapt to many different communication languages
  - U-link is flexible: it can work with or without a network connection, depending on the B-Eba gateway installed
  - U-Link enables remote maintenance of the products thanks to two-way communication
  - U-link is scalable: an infinite number of objects can be added to a U-link network
  - U-Link allows the creation of groups of products: various B-Ebas can be grouped to allow individual or group control of the associated products
- U-link is an innovation that turns products into Bft solutions.

## Dynamic Path Tracking

The thrust required to operate safely.

A smart torque management system based on the microprocessor technology of BFT control units.

Acquiring data from several indicators, it updates the level of thrust required to perform the operation.

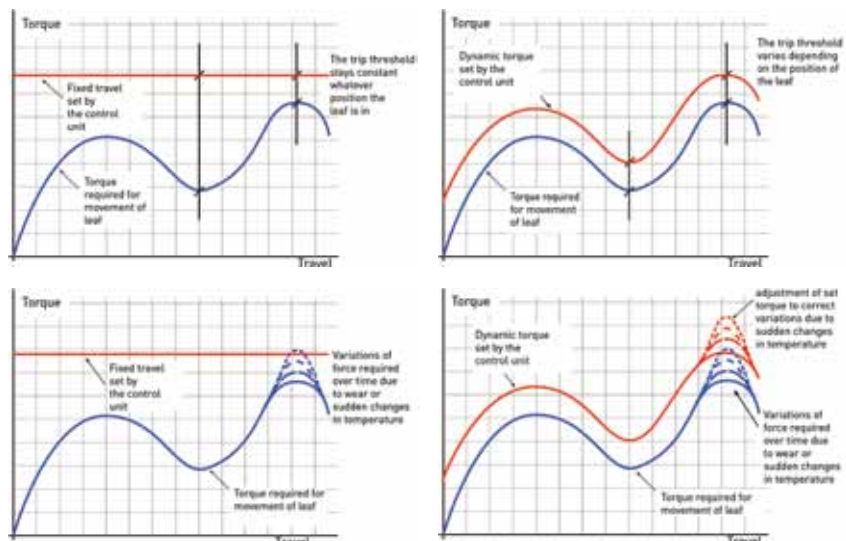
D-Track also facilitates the installer in providing for the certifications required by law.

Conventional control units do not "read" the exact position of the gate and consequently apply constant thrust levels, without ensuring stable sensitivity during the opening and closing operations.

BFT control devices record the slightest variation in the gate or door force, for example due to differences in temperature or wear, constantly supplying the optimum torque to the motor.

A conventional control unit could not detect these thrust variations, which would result in it indicating the presence of non-existent obstacles.

The BFT system thus guarantees the maximum safety and perfect functioning of the equipment, no matter what the climactic and temperature conditions and degree of mechanical wear.







## 24V

A precise, safe and reliable technology

Bft 24V technology ensures optimum performance with a precise adjustment of slowdown in closing and opening.

Safety is another key aspect, ensuring the immediate stopping and reversal of movement in the presence of obstacles.

The efficiency of the technology is a guarantee of the product's reliability.



## ER - READY

The new coding system for direct cloning of remote controls

Based on microprocessor technology, this system allows the cloning of any MITTO remote control in a MITTO REPLAY remote control.

In fact, the first remote control "teaches" the second one the correct code which is automatically saved in the receiver the first time it is used.

Everything occurs at the highest levels of security thanks to the use of the Rolling Code safe transmission system.



## EE LINK

For fast and safe programming.

EELINK is a system developed by BFT which, by means of connection to handheld programmers (Unipro, Uniradio and Proxima), makes it possible to transfer data from automatic systems to PCs and vice versa.

Thus EEbase or U-base, the databases of the information stored in the installed systems, are constantly updated.

Thanks to this software it possible to associate the necessary personal details with each system: owner's address and details, name of maintenance technician, names of every remote control holder, etc.

With EElink, just press a few buttons to easily manage the customer base or preventive maintenance. Even operations that were once complex become easier: for example, reconfiguring the control unit or the radio receiver in case of replacement or the setup of a control panel, starting from a standard or custom configuration.

# VISTA SL



SLIDING

Complete range of automations for fast sliding pedestrian doors with leaves having a maximum weight of 150 kg. The control unit, with a programming display and microprocessor technology, makes it possible to control all the main functions automatically. The cushioned rail and shaped wheels guarantee absolute silence in movement. Control unit with programming display and autaset system for movement and torque parameters. Incorporated dual channel radio receiver. WMP rapid assembly profile. Electric lock with the holding of doors at each stop position. Modulo Kit for a quick installation of the traction unit. Available assembled to size or in an assembly kit.

## TWO OPERATORS AVAILABLE:

VISTA SL1

### AUTOMATION FOR SINGLE-LEAF PEDESTRIAN DOORS

Maximum leaf weight 150 kg

VISTA SL2

### AUTOMATION FOR DOUBLE-LEAF PEDESTRIAN DOORS

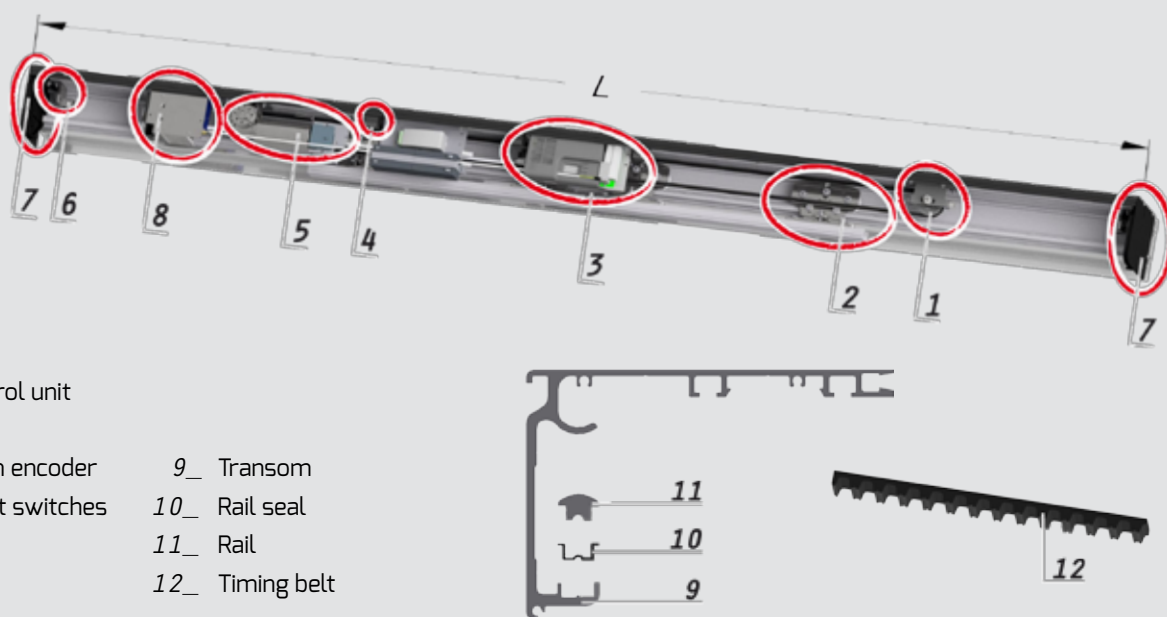
Maximum leaf weight 120+120 kg

## TWO TYPES OF SUPPLIES AVAILABLE:

### ASSEMBLED AUTOMATION

VISTA SL1

VISTA SL2



- 1\_ Idle pulley
- 2\_ Sliding trolleys
- 3\_ Electronic control unit
- 4\_ Cable gland
- 5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- 8\_ Transformer
- 9\_ Transom
- 10\_ Rail seal
- 11\_ Rail
- 12\_ Timing belt

### ASSEMBLY KIT AUTOMATION

#### MODULO VISTA SL

VISTA SL1

VISTA SL2

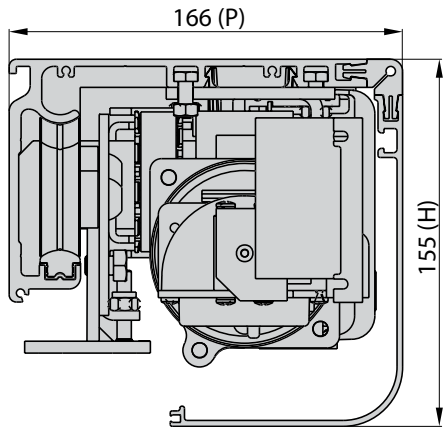


- 1\_ Idle pulley
- 2\_ Sliding trolleys
- \*3\_ Electronic control unit
- 4\_ Cable gland
- \*5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- \*8\_ Transformer

\*3+5+8  
Are mounted and pre-wired on one module

# TECHNICAL DRAWINGS

Dimensions (mm)



## Benefits

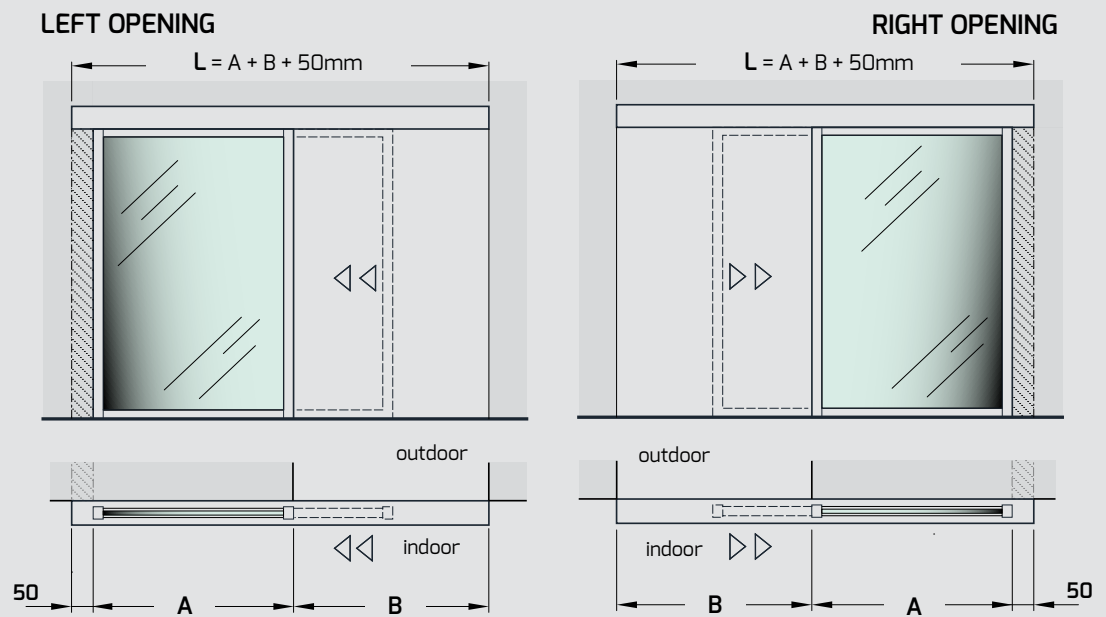
- Opening and closing speed up to 100 cm/sec per leaf;
- U-Link protocol;
- Autoset D-Track system for movement and torque parameters;
- Compatible with low-energy mode;
- EN 16005 compliant;
- Absolute noiselessness while moving thanks to the damped rail and the shaped wheels;
- Electric lock with door latch in each stop position;
- Quick fitting profile;
- Control Panel with display programming;
- Embedded bichannel Radio receiver.
- Control panel, Dunker gearmotor and transformer are pre-wired and pre-mounted on MODULO VISTA SL that allows a quick installation and requires only one person to mount.

## INSTALLATION EXAMPLES

### SINGLE-LEAF OPERATOR

#### VISTA SL1

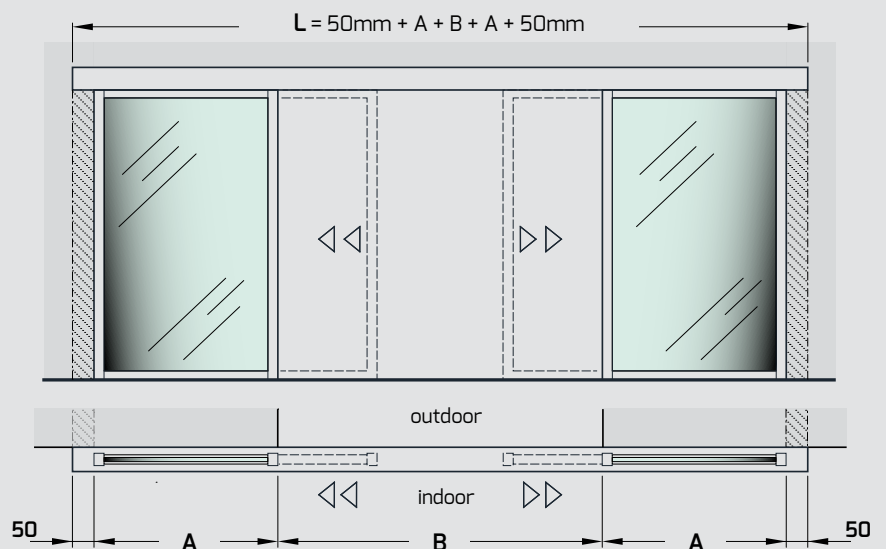
L = Case length  
A = Leaf length  
B = Opening



### DOUBLE-LEAF OPERATOR

#### VISTA SL2

L = Case length  
A = Leaf length  
B = Opening



# VISTA SLC



SLIDING

Compact automation for pedestrian doors for leaves weighing up to 100Kg. Only 80 mm high: The extremely reduced height makes installation possible even with low ceilings or particularly thin fixtures. The control unit, with programming display allows automatic adjustment of all the main functions. The WMP anchor profile makes door installation quick and easy, reducing laying times and ergonomically optimising the assembly stages. Built-in radio receiver: thanks to the radio receiver incorporated in the control unit, the VISTA SLC door can be remotely controlled in wireless mode via the various BFT control systems, such as RB or T-BOX. Available assembled to size or in an assembly kit.

## TWO OPERATORS AVAILABLE:

VISTA SLC1

**COMPACT AUTOMATION FOR SINGLE-LEAF PEDESTRIAN DOORS**

Maximum leaf weight 100 kg

VISTA SLC2

**COMPACT AUTOMATION FOR DOUBLE-LEAF PEDESTRIAN DOORS**

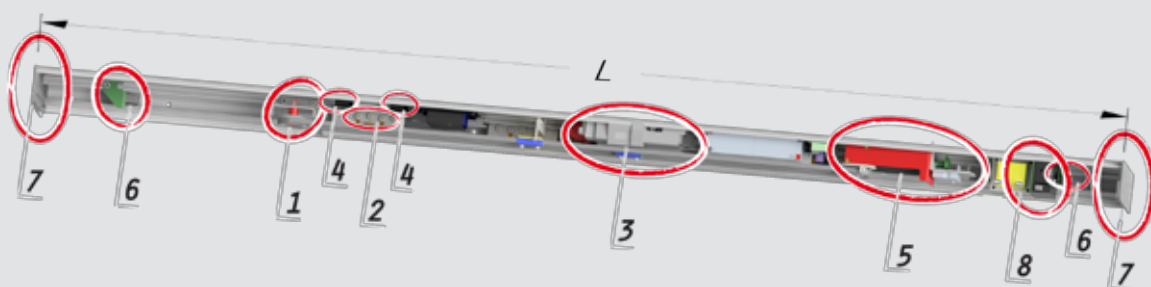
Maximum leaf weight 80+80 kg

## TWO TYPES OF SUPPLIES AVAILABLE:

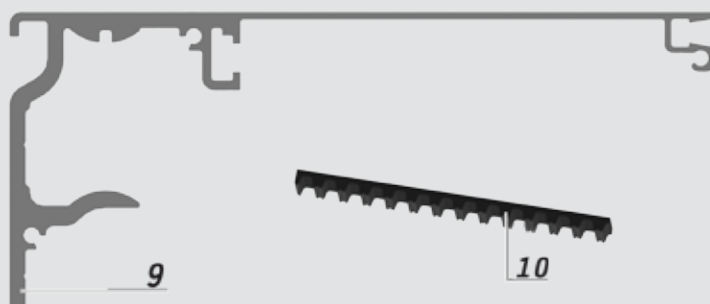
### ASSEMBLED AUTOMATION

VISTA SLC1

VISTA SLC2



- 1\_ Idle pulley
- 2\_ Sliding trolleys
- 3\_ Electronic control unit
- 4\_ Cable gland
- 5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- 8\_ Transformer
- 9\_ Transom
- 10\_ Timing belt



### ASSEMBLY KIT AUTOMATION

VISTA SLC1

VISTA SLC2

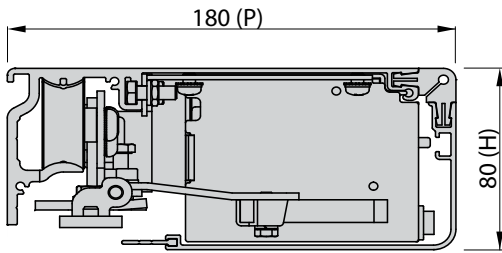


- 1\_ Idle pulley
- 2\_ Sliding trolleys
- 3\_ Electronic control unit
- 4\_ Cable gland
- 5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- 8\_ Transformer



# TECHNICAL DRAWINGS

Dimensions (mm)



## Benefits

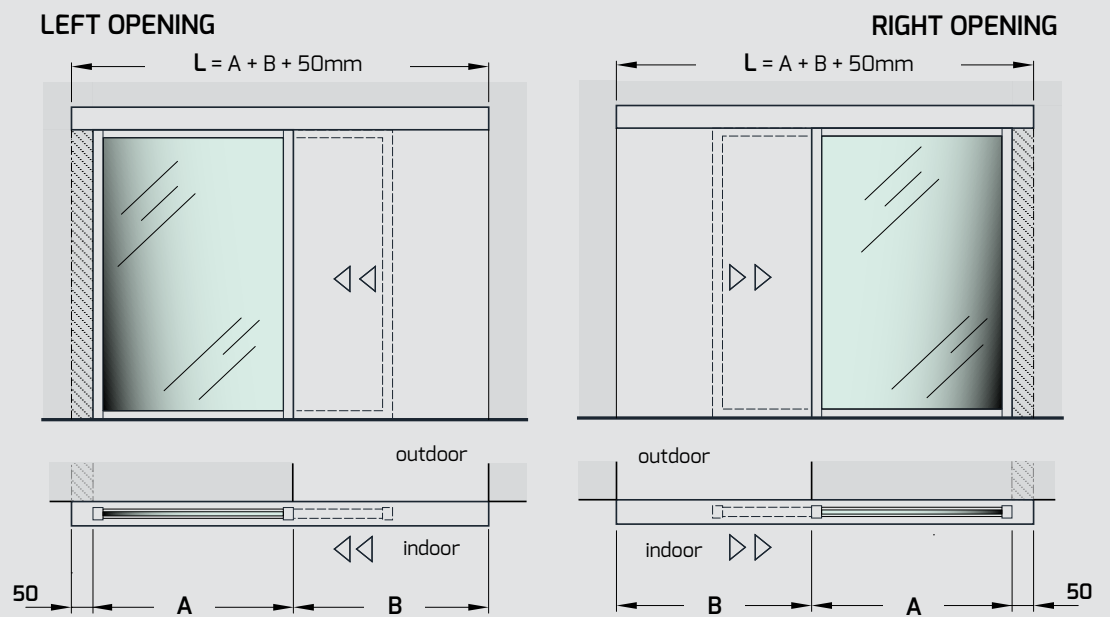
- Thin profile: only 80 mm;
- Opening and closing speed up to 80 cm/sec per leaf;
- U-Link protocol;
- Autaset D-Track system for movement and torque parameters;
- Compatible with low-energy mode;
- EN 16005 compliant;
- Installation with low ceiling or on particular thin frame;
- Quick fitting profile;
- Control Panel with display programming;
- Built-in single-channel radio receiver, it can be remotely controlled wirelessly.

# INSTALLATION EXAMPLES

## SINGLE-LEAF OPERATOR

**VISTA SLC1**

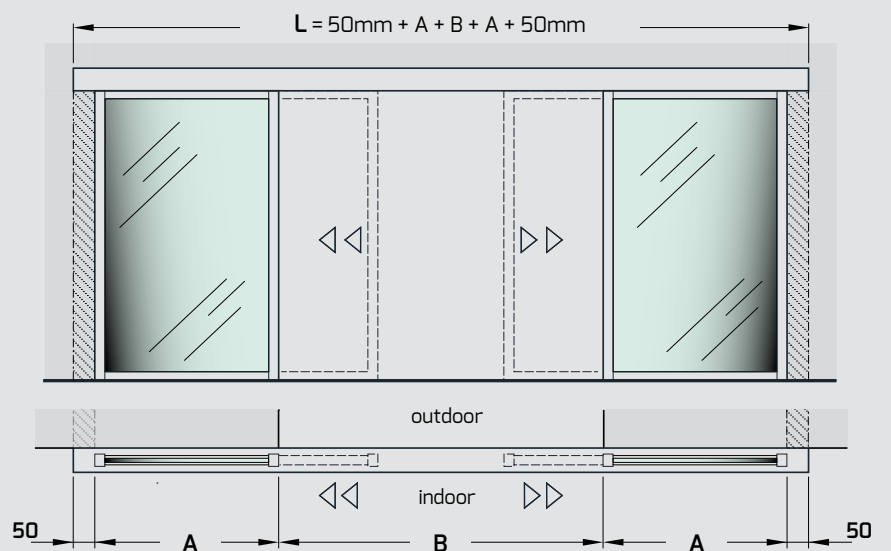
L = Case length  
A = Leaf length  
B = Opening



## DOUBLE-LEAF OPERATOR

**VISTA SLC2**

L = Case length  
A = Leaf length  
B = Opening



# VISTA TL



SLIDING

The telescopic sliding Vista TL has been developed to allow the automation of sliding doors fitted in entrances with very limited space. It allows the automation of leaves with a maximum weight of 120 kg. Minimum opening width 800 mm and maximum 4.400 mm. Control unit with programming display and autaset system for movement and torque parameters. Incorporated dual channel radio receiver. Electric locking with the holding of doors at each stop position. Available assembled to size.

## TWO OPERATORS AVAILABLE:

VISTA TL2

### TELESCOPIC AUTOMATION FOR DOUBLE-LEAF PEDESTRIAN DOORS

Maximum leaf weight 120 kg

VISTA TL4

### TELESCOPIC AUTOMATION FOR FOUR-LEAF PEDESTRIAN DOORS

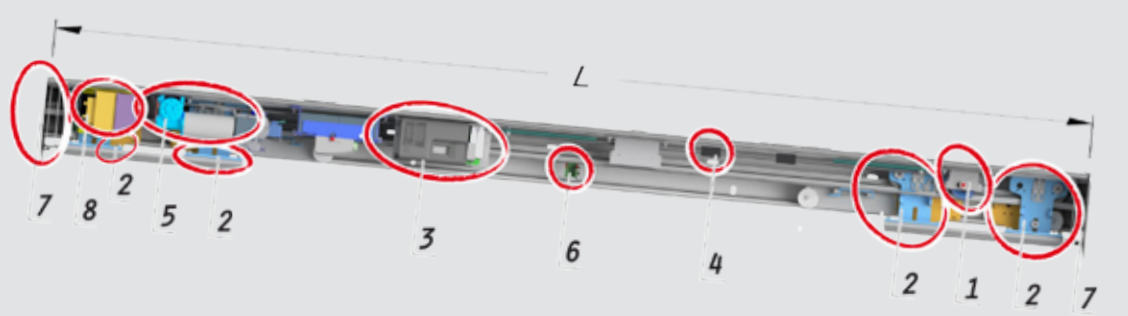
Maximum leaf weight 80 kg

## TWO TYPES OF SUPPLIES AVAILABLE:

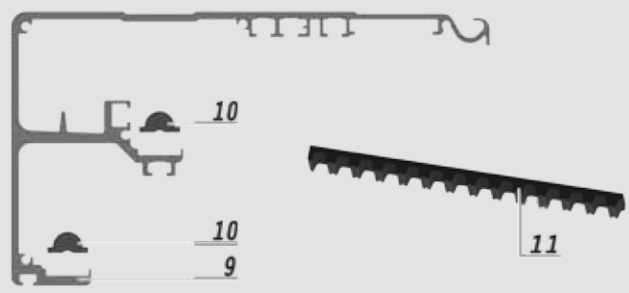
### ASSEMBLED AUTOMATION

VISTA TL2

VISTA TL4



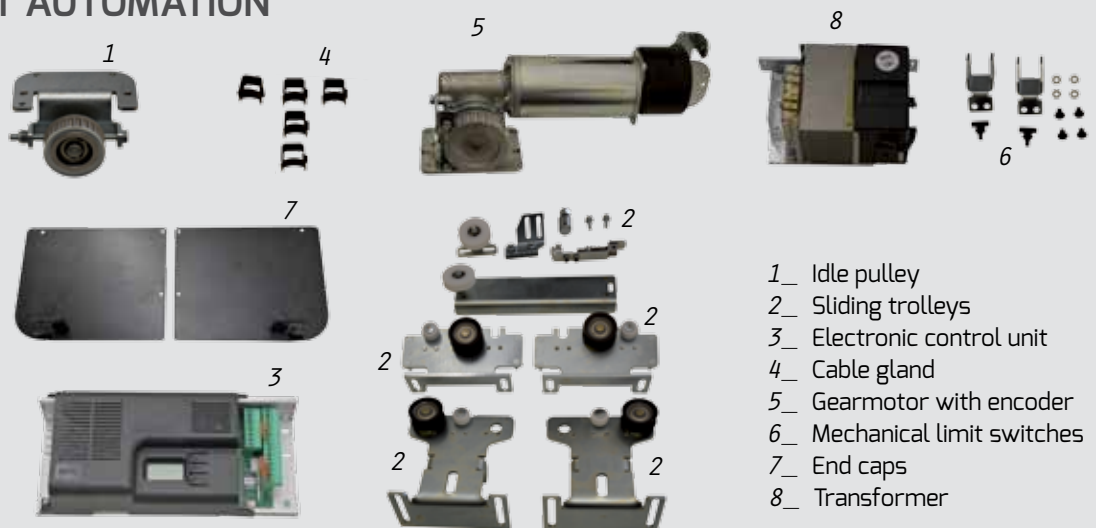
- 1\_ Idle pulley
- 2\_ Sliding trolleys
- 3\_ Electronic control unit
- 4\_ Cable gland
- 5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- 8\_ Transformer
- 9\_ Transom
- 10\_ Rail
- 11\_ Timing belt



### ASSEMBLY KIT AUTOMATION

VISTA TL2

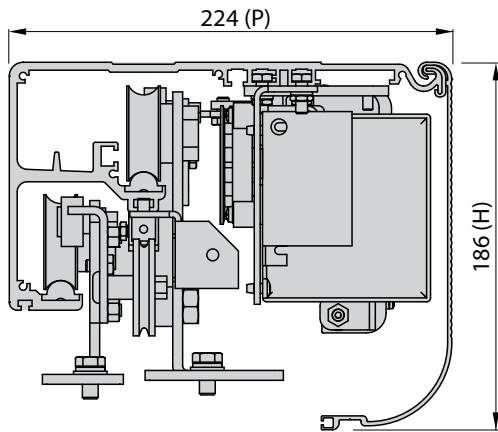
VISTA TL4



- 1\_ Idle pulley
- 2\_ Sliding trolleys
- 3\_ Electronic control unit
- 4\_ Cable gland
- 5\_ Gearmotor with encoder
- 6\_ Mechanical limit switches
- 7\_ End caps
- 8\_ Transformer

# TECHNICAL DRAWINGS

Dimensions (mm)



### Benefits

- Opening and closing speed up to 100 cm/sec per leaf;
- U-Link protocol;
- Autoset D-Track system for movement and torque parameters;
- Compatible with low-energy mode;
- EN 16005 compliant;
- Electric lock with door latch in each stop position;
- Control Panel with display programming;
- Embedded bichannel Radio receiver.

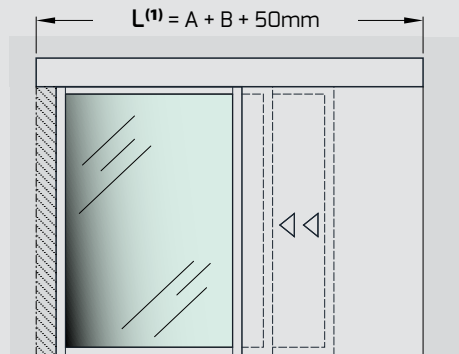
## INSTALLATION EXAMPLES

### DOUBLE-LEAF OPERATOR

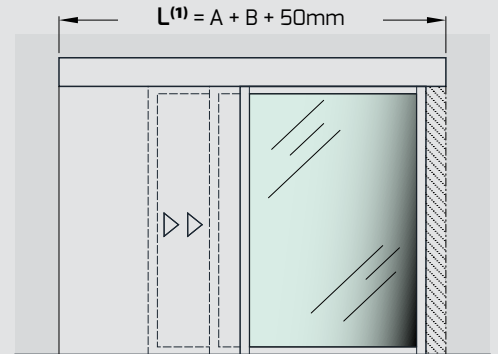
#### VISTA TL2

L = Case length  
A = Leaf length  
B = Opening

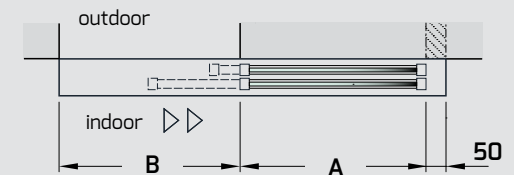
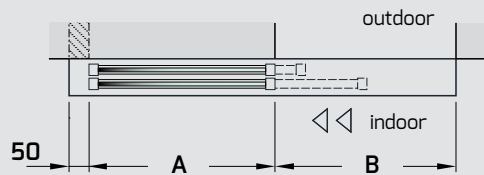
LEFT OPENING



RIGHT OPENING



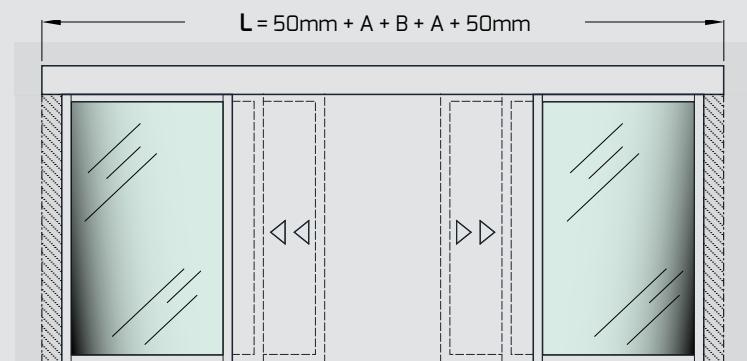
<sup>(1)</sup> Minimum achievable measures:  
L=1350 mm  
B=750 mm  
A=2x450 mm



### FOUR-LEAF OPERATOR

#### VISTA TL4

L = Case length  
A = Leaf length  
B = Opening



# PARTICULARS OF THE AUTOMATION



### Function selector

Through a magnetic key you can lock or unlock the operating mode of the operator



### Dual channel transmitter

Rolling Code encoding system which manages the commands in total security and prevents any kind of external violation

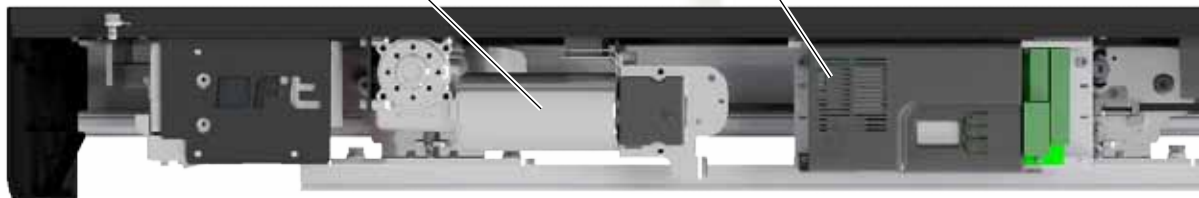
### Control unit

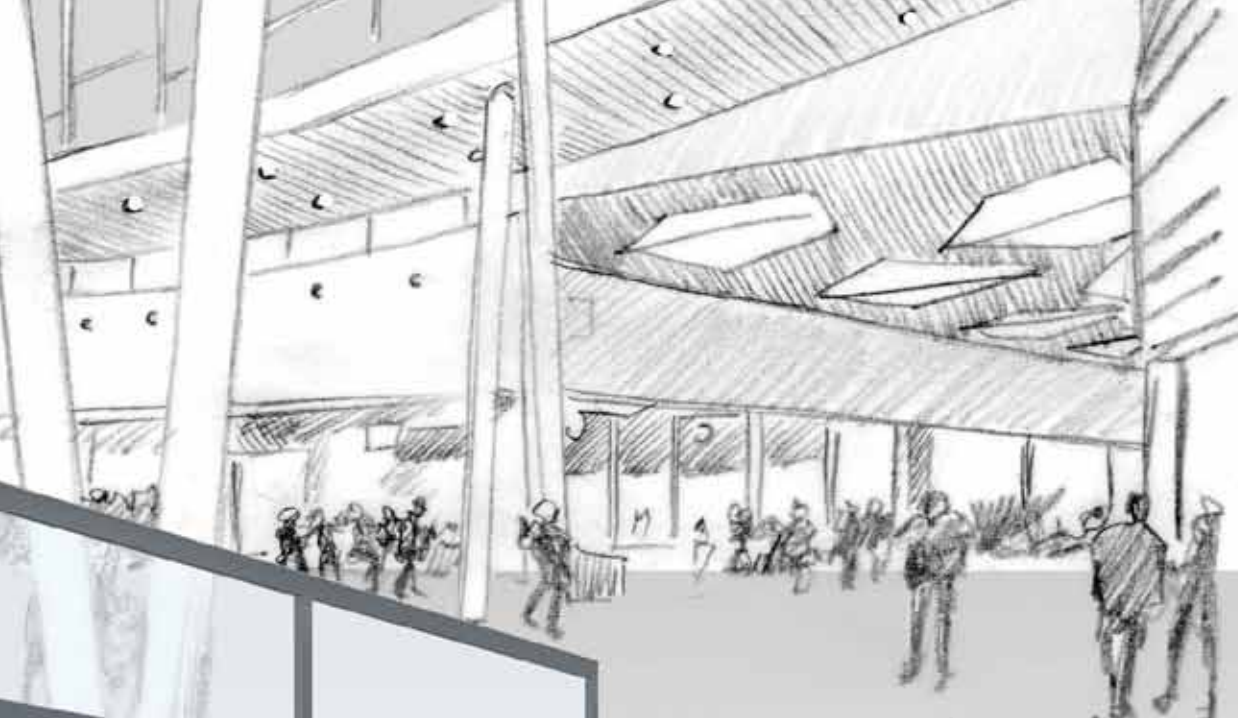
With programming display, allows to adjust automatically all the main functions on board or remote management through interconnectivity protocol U-Link.



### Gearmotor DUNKER

Guarantees long service life and reliability for the automation.





### U-Link

A single communication platform for all types of control units and receivers.  
The innovative interconnectivity system developed by BFT along with wireless connection solutions in the field of access point automation become integrated through the new U-Link system communication protocol.



**FAIL SAFE**

### Electro lock

In case of blackout

**FAIL SAFE:** unlock the door

**FAIL SECURE:** keep the door locked



**FAIL SECURE**



### Sliding carts

- With three wheels that guarantee:
- adjustable anti derailment wheel;
  - leaf regulation in height and in depth;
  - stability of the leaves.





# SPECIFICATIONS

## VISTA SL - VISTA SLC AUTOMATION FOR SLIDING PEDESTRIAN DOORS

	VISTA SL1	VISTA SL2	VISTA SLC1	VISTA SLC2
Clear opening	750 ÷ 2.500 mm	800 ÷ 2.900 mm	750 ÷ 2.550 mm	800 ÷ 2.900 mm
Maximum leaf weight	150 kg	2 x 120 kg	100 kg	2 x 80 kg
Transom section (P x H)	166 x 155 mm		180 x 80 mm	
Case length	1600 ÷ 5.200 mm	1900 ÷ 6.000 mm	1600 ÷ 5.200 mm	1900 ÷ 6.000 mm

## VISTA TL TELESCOPIC AUTOMATION FOR PEDESTRIAN DOORS

	VISTA TL2	VISTA TL4
Clear opening	750 ÷ 3.250 mm	1600 ÷ 4.400 mm
Maximum leaf weight	2 x 120 kg	4 x 80 kg
Transom section (P x H)	224 x 186 mm	
Case length	1.350 ÷ 5.100 mm	2.600 ÷ 6.800 mm

## TECHNICAL DATA

Power supply	115/230 Vac; 50-60 Hz
Rated power	230 W
Motor power supply	24 Vdc with encoder
External accessories power supply	31,5 Vdc / 0,5 A
Opening and closing speed	max 1 m/s for each leaf
Programmable pause time	0 ÷ 60 s
Partial opening	10 ÷ 70% Clear opening
Environmental conditions	-20°C +50°C
Protection rating	IPX0
Use cycle	100% continuous
Interlock system	Configuration with 2 automatic doors for interlock function
Dual channel radio receiver	Incorporated (transmitter not included)
Number of cycles	Tested according EN 16005 standard - 1.000.000 cycles (4.000 cycles/day)
Safety test	Selectable function for safety monitored sensors



The technical characteristics of the product indicated, depends on the correct installation, on the maintenance and all that is contained in the instruction manual supplied by the manufacturer.

## OPTIONAL

BBV battery powered anti-panic device	Guarantees the operation of automation in case of black-out
Fail Secure solenoid lock	Locked in case of black-out
Remote control	Dual channel transmitter

## BREAK-OUT SYSTEM (SASA) FOR VISTA SL/SLC

Clear opening	800 ÷ 1.200 mm (single-leaf)	1.200 ÷ 2.400 mm (double-leaf)
Minimum profile thickness	40 mm	
Leaf weight (L leaf = 800 mm)	SL1: 138 kg; SL2: 2 x 108 kg / SLC1: 88 kg; SLC2: 2 x 68 kg	

# CERTIFICATION

## ELECTROMAGNETIC COMPATIBILITY (EMC 2014/30/UE)

EN 61000-6-2	<b>VISTA SL - VISTA SLC - VISTA TL</b> Immunity standard for industrial environments.
EN 61000-6-3	<b>VISTA SL - VISTA SLC - VISTA TL</b> Emission standard for residential, commercial and light-industrial environments.

## LOW VOLTAGE (LVD 2014/35/UE)

EN 60335-1	<b>VISTA SL</b> Household and similar electrical appliances. Safety. General requirements.
EN 60335-2-103	<b>VISTA SLC - VISTA TL</b> Household and similar electrical appliances - Safety.

## MACHINERY DIRECTIVE 2006/42/CE

EN 16005	<b>VISTA SL - VISTA SLC - VISTA TL</b> Power operated pedestrian doorsets. Safety in use. Requirements and test methods.
EN 16005 paragrafo 4.7.2.2	<b>SISTEMA ANTIPANICO USCITE DI EMERGENZA (SASA)</b> Additional requirements for escape route and emergency exits.

## DURABILITY TESTS

VISTA SL / VISTA SLC / VISTA TL	<b>Tested according EN 16005 standard - 1.000.000 cycles (4.000 cycles/day)</b>
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## TEST REPORT AUTOMATIC SLIDING DOOR WITH BREAKOUT SYSTEM

Automation VISTA SL and VISTA SLC with full breakout system "SASA", suitable for 40mm thickness leafs.

# SAFETY

- Predisposition for monitored safety sensor during closing cycle
- Predisposition for monitored safety sensor during opening cycle
- Reversibility of the movement: if the electro lock isn't activated, it's possible to open the door manually
- Reversing movement at obstacle detection
- Antipanic battery opens the door in case of black-out

## POSSIBLE INSTALLATIONS

- Wall mounting.
- Ceiling mounting (with SBV profile).
- Aluminum frame embedded (with or without SBV profile).

## REGULATIONS

- Clearance Time (1-99sec)
- Partial opening (10-70%)
- Chemist's opening (3-30cm)
- Alarm time (1-90sec.)
- Acceleration ramp (1-10) Deceleration ramp (1-10)
- Opening deceleration space (10-70 cm)
- Closing deceleration space (10-70 cm)
- Opening approach distance (10-20 cm)
- Closing approach distance (10-20 cm)
- Opening speed (1-99%)
- Closing speed (1-99%)
- Opening force (1-99%)
- Closing force (1-99%)
- Door operation mode (0-6)
- Radar operation mode (0-2)
- Emergency input (0-3)
- Buzzer (0-3)
- Locking device operation mode (0-5)
- Alarm output operation mode (0-1)

## AUTOMATION'S FUNCTIONS

### Automatic adjustment functions

- Acceleration ramp
- Deceleration ramp
- Opening deceleration space
- Closing deceleration space
- Opening approach distance
- Closing approach distance
- Opening speed
- Closing speed
- Opening force
- Closing force
- Monitoring safety sensors

### Available operation mode

- Unlocked or locked programming through magnetic key
- Indoor radar activation
- Outdoor radar activation
- Both indoor and outdoor radar activation
- Radar disactivation
- Normal operation mode
- Door closed at night
- Door closed by day
- Totally opened door
- Partially opened door
- Partial opening
- Chemist's opening

## LOCKING DEVICE OPERATION MODE

- Motor always free
- Motor locked on closing position
- Motor locked every time it is stopped
- Motor locked every time it is stopped for more than 20 sec
- Motor reacts with 10N to forced opening
- Motor reacts with maximum force to forced opening

## ADDITIONAL INFORMATION

### EMERGENCY INPUT OPERATION MODE

- NO input, opens and stays open for as long as the input is active
- NO input, closes and stays closed for as long as the input is active
- NC input, opens and stays open for as long as the input is active
- NC input, closes and stays closed for as long as the input is active

### DOOR STATUS OUTPUT

- Output active if the door is not fully closed
- Output active if the door is not fully open

### ALARM OUTPUT

- Photocell being triggered for longer than the time entered for the "alarm time" parameter
- There is an obstacle alarm
- Opening is being forced while the door is closed

## ITEM SPECIFICATION

### VISTA SL

Electromechanical automation for fast sliding pedestrian doors. EN 16005 compliant. Wall or corridor installation, with quick fixing system (optional). Automation measures 166 x h. 155 mm, single or double leaf with clear opening up to 2.900 mm and leaf weight up to 150 kg for single leaf and 120 + 120 kg for double leaf. Protection rating IPX0. Control panel, Dunker gearmotor and transformer are pre-wired and pre-mounted on MODULO VISTA SL that allows a quick installation. 24 Vdc motor with encoder. Rated power 230 W. Power supply 115/230 Vac; 50/60Hz. Compatible with low-energy mode. Control unit with programming display and autosest system for movement and torque parameters. Adjustable opening and closing speed (max, 1m/s). Adjustable automatic closing time to 0 from 60 s. Incorporated dual channel radio receiver (transmitter not included). Electric locking with the holding of doors at each stop position. Configuration with 2 automatic doors for interlock function. Partial opening 10 ÷ 70% clear opening. In case of obstacle the door fast opens and in the next closure, check at reduced speed the disengagement of the obstacle.

### VISTA SLC

Compact electromechanical automation for sliding pedestrian doors. EN 16005 compliant. Wall or corridor installation, with quick fixing system (optional). Automation measures 180 x h. 80 mm, single or double leaf with clear opening up to 2.900 mm and leaf weight up to 100 kg for single leaf and 100 + 100 kg for double leaf. Protection rating IPX0. 24 Vdc motor with encoder. Rated power 230 W. Power supply 115/230 Vac; 50/60Hz. Compatible with low-energy mode. Control unit with programming display and autosest system for movement and torque parameters. Adjustable opening and closing speed (max, 1m/s). Adjustable automatic closing time to 0 from 60 s. Incorporated dual channel radio receiver (transmitter not included). Electric locking with the holding of doors at each stop position. Configuration with 2 automatic doors for interlock function. Partial opening 10 ÷ 70% clear opening. In case of obstacle the door fast opens and in the next closure, check at reduced speed the disengagement of the obstacle.

### VISTA TL

Telescopic electromechanical automation for sliding pedestrian doors. EN 16005 compliant. Wall or corridor installation, with quick fixing system (optional). Automation measures 224 x h. 186 mm, double or four leaf with clear opening up to 4.400 mm and leaf weight up to 2x 120 kg for double leaf and 4x 80 kg for four leaf. Protection rating IPX0. 24 Vdc motor with encoder. Rated power 230 W. Power supply 115/230 Vac; 50/60Hz. Compatible with low-energy mode. Control unit with programming display and autosest system for movement and torque parameters. Adjustable opening and closing speed (max, 1m/s). Adjustable automatic closing time to 0 from 60 s. Incorporated dual channel radio receiver (transmitter not included). Electric locking with the holding of doors at each stop position. Configuration with 2 automatic doors for interlock function. Partial opening 10 ÷ 70% clear opening. In case of obstacle the door fast opens and in the next closure, check at reduced speed the disengagement of the obstacle.

## ACCESSORIES

	Function selector for pedestrian door series VISTA SL, SL C, TL.
	Solenoid lock assembly for VISTA SL/SL C, (use with BBV recommended).
	FPA kit with pair of photocells
	FPA kit with two pairs photocells
	FPA MA 12 kit with two pairs photocells and brackets for Vista
	Activation button.
	Activation touch button.
	Pair of locks (2) for glass leaf.
	Elbow-operated pushbutton, silver.
	IR curtain detector.
	4-channel wall-mounted radio control with rolling code.
	Transmitter with 2 channels. Range 50/100 m. Power supply 12 V with 1 battery type 23 A
	Wireless digital touch button panel 433Mhz rolling code.
	Expansion board for connection of central units with serial controls management
	Remote management of automation systems with U-Link in TCP/IP network.



## SENSOR RANGE FOR ACTIVATION AND SECURITY



The sliding door sensors meet the needs of all types of sliding doors, singles or double-leaf versions. They ensure the comfort and safety of people moving in and out of a building. By detecting the movement towards the door and the presence in the controlled area, the opening and safety sensors improve the daily experience of using sliding doors.

## SASA BREAK-OUT SYSTEM

SASA anti-panic breakout system is designed to meet safety requirements needed for the escape in the event of an emergency. The device can be applied on VISTA SL and VISTA SLC automation, composed of commercial profiles with 40mm thickness or on our PRV 40 series.

## ALUMINIUM PROFILE RANGE FOR FIXED AND MOBILE LEAVES

Complete range of profiles for anodized aluminum leaves, lightweight and with low-section frames, made for residential and/or public use.

**PRV20** 20 mm THICK PROFILES  
Light profiles, suitable for stratified glass with thickness from 6 to 12 mm

**PRV40** 40 mm THICK PROFILES  
Heavy profiles, suitable for stratified glass with thickness from 6 to 20 mm

## GLASS CLAMP FOR FRAMELESS LEAVES

Anodized aluminum clamps for glass frameless leaves. Maximum weight is 120 kg.

**PPA10** Anodized aluminum clamps for glass frameless leaves thickness 10 mm

**PPA12** Anodized aluminum clamps for glass frameless leaves thickness 12 mm



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