



TQPP

tecnologie del movimento

Doors automation - 2014 Catalogue



tecnologie del movimento

TOPP Spa

Our commitment is to bring you the benefits of a smooth and clean experience with windows and doors automation.

Our key values are:

- **Expertise in innovation;**
- **Proved quality;**
- **Long term customer orientation.**

Expertise in innovation

We started from the very beginning, back in 1996, by offering our engineering know-how as a service bureau and our focus has always been the product innovation. The use of state-of-the-art 3D engineering tools and the aid of laser sintering systems for rapid prototyping accelerates the process of study and industrialization of the products and has brought Topp to the registration of over 50 international patents.

Proved quality

Proven quality means: state of the art raw materials, technical know-how, full production process monitoring and the availability of a well-organized and efficient testing laboratory. After being produced, each device is tested individually in order to fulfill our commitment to quality. Your satisfaction is our success.


Long term customer orientation

Customer orientation means keeping full focus on the market needs: observing, feeling and listening to the customer requirements. Cooperation starts, from the preselling activity, suggesting the most recommended product for the applications required and grows up to the post selling stage when an immediate and efficient reaction is required on the field. To achieve this goal, since the very beginning, our major effort has been building long term relationships with sales partners all over the world.

Our ability to find the correct balance between design, functionality, technology and creativity builds what is known all over the world as **"Made in Italy"**.

The success of **TOPP** is the conquest of an increasingly varied and demanding market that exalts, involves and stimulates the development of innovative ideas that become state-of-the-art Italian products.



| | | |
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| ACCESSORIES | Control and safety devices. | 30/31 |
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V1

Automation
for concealed sliding doors
Capacity max. 50 kg



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Technical characteristics

| | |
|-------------------------------------|---|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 5 V 80mA / 24 V 110mA |
| Absorption: | 100mA a 230 V |
| Power absorbed: | 15W |
| Type of use: | continuous |
| Opening/closing speed: | in accordance with the EN16005 about "Low Energy Movement" in reference to panel weight from 150N to 500N adjustable every 35N by the installer |
| Control of panel weight: | 62N |
| Maximum thrust force: | adjustable from 2 sec to 60 sec |
| Door open waiting time: | class II |
| Protection against electric shocks: | - 5°C + 50°C |
| Working temperature: | 1 PANEL |
| Number of door panels: | 500N |
| Maximum capacity: | 700 ÷ 1000 mm |
| Size of opening: | 59x59 mm x variable length 700 - 1000 mm |
| Overall dimensions: | |

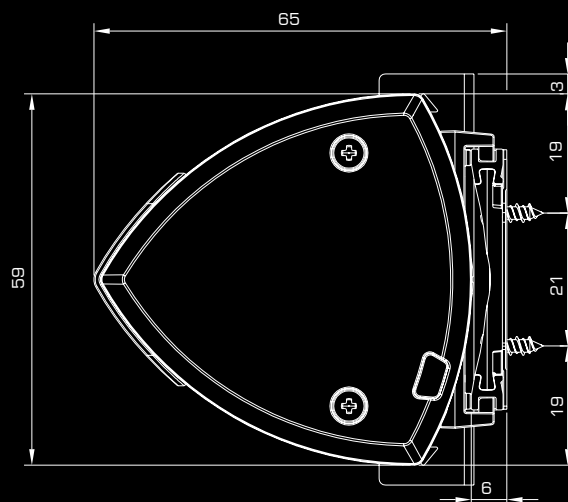
Description for technical specifications

TOPP door operator, model V1, for concealed sliding doors, max. load 50 kg. Power supply 230V~50 Hz.

V1 allows easy installation, simple adaptability to existing sliding doors, minimal dimensions and appealing design. It is available with infrared on-board sensor, microwave sensor or gesture activation key and remote control selector. In the basic version, functions by remote control selector cannot be selected. V1 can be easily installed on existing concealed sliding doors and complies with the EN16005 standard, "Low Energy Movement" section, that manages the door speed by a sophisticated electronic control with no need of sensors or safety photocells.

Our remote control selector allows to select the following functions: Opening, Closing, Door open or closed, Slow speed mode, Entrance only mode, Exit only mode, Reset, Automatic mode. CE marked device.

Dimensions




Plug&Play version also available.

**PLUG
&
PLAY**



V1 AUTOMATION FOR CONCEALED SLIDING DOORS

Max. door panel weight 50kg

| | Code | Product name |
|---|---------|--|
|  | 3R20001 | V1 Operator, grey colour (with infrared on-board sensor) |
| | 3R20002 | V1 Operator, white colour (with infrared on-board sensor) |
| | 3R21001 | V1E Door Operator, grey colour (with infrared on-board sensor) Not suitable for our TS8 radio remote selector |
| | 3R21002 | V1E Door Operator, white colour (with infrared on-board sensor) Not suitable for our TS8 radio remote selector |

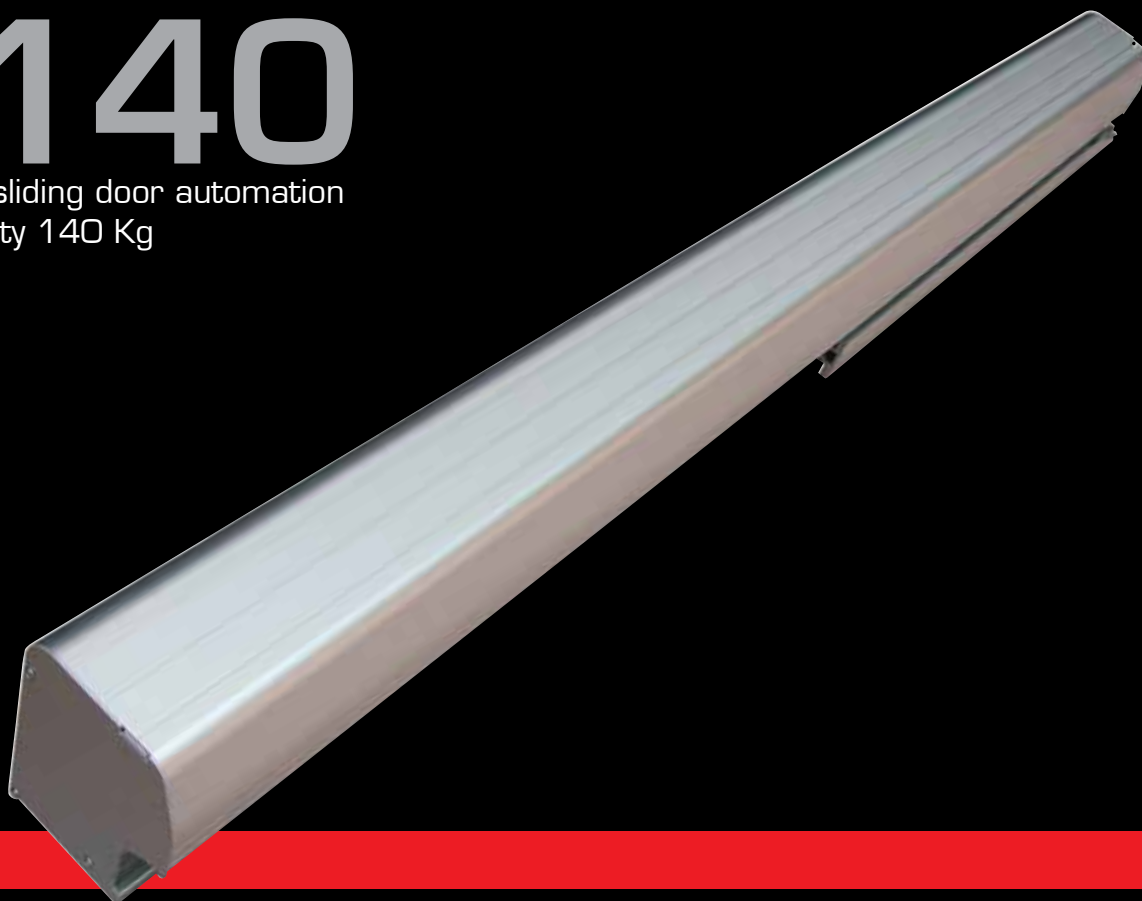
V1 ACCESSORIES

| | Code | Product name |
|---|--------|---|
|  | 8E0313 | TS8 8-functions radio remote selector (with magnetic wall-mounting stand) |
|  | 8E1075 | WS2 Microwave activation sensor |
|  | 8E1150 | HS1 External gesture activation key |
|  | 8E1151 | HS2 Gesture activation key for the activation/deactivation of EB1 electric lock |
|  | 8E1106 | Electric lock with emergency manual release (to be combined with two HS2 gesture activation keys) |



K140

Pedestrian sliding door automation
Max. capacity 140 Kg



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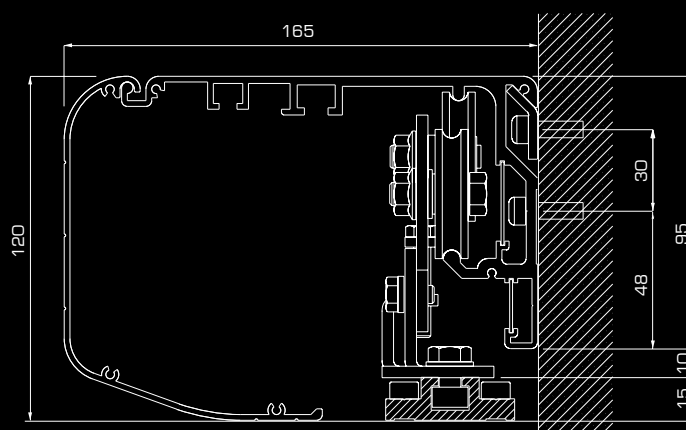
Technical characteristics

| | |
|---------------------------------|--|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 24V - 500mA max |
| Absorption: | 0,17 A |
| Power absorbed: | 35W |
| Type of use: | continuous use |
| Opening/closing speed: | adjustable 10 ÷ 80 cm/sec |
| Opening/closing approach speed: | adjustable 1 ÷ 80 cm/sec |
| Opening/closing acceleration: | adjustable 1 ÷ 12 |
| Automatic closing time: | adjustable 0 ÷ 60 sec |
| Mains voltage fuse 230V: | 5x20 - T800 delayed |
| No. of door panels: | 1 PANEL 2 PANELS |
| Maximum capacity: | 140 kg 70 + 70 kg |
| Size of opening: | 800+2800 mm 1000+2800 mm |

Description for technical specifications

Door automation device TOPP, model K140, for pedestrian sliding doors, max. load 140 kg, intensive duty device, with electronic board with microprocessor of latest generation that allows the motion self-adjustment according to the weight and dimensions of the panels. Built-in safety functions with thrust force control and obstruction detection system that automatically reverses the operation when an obstacle in the doorway is detected. Device with encoder for the automatic reading of stroke, position and slowdown of the panels. CE marked device. Custom-made options: opening and closing speed; slowdown and approaching speed and space; pause closing time /automatic / partial / with key; partial opening; emergency operation mode with battery; operation mode with panel lock.

Dimensions

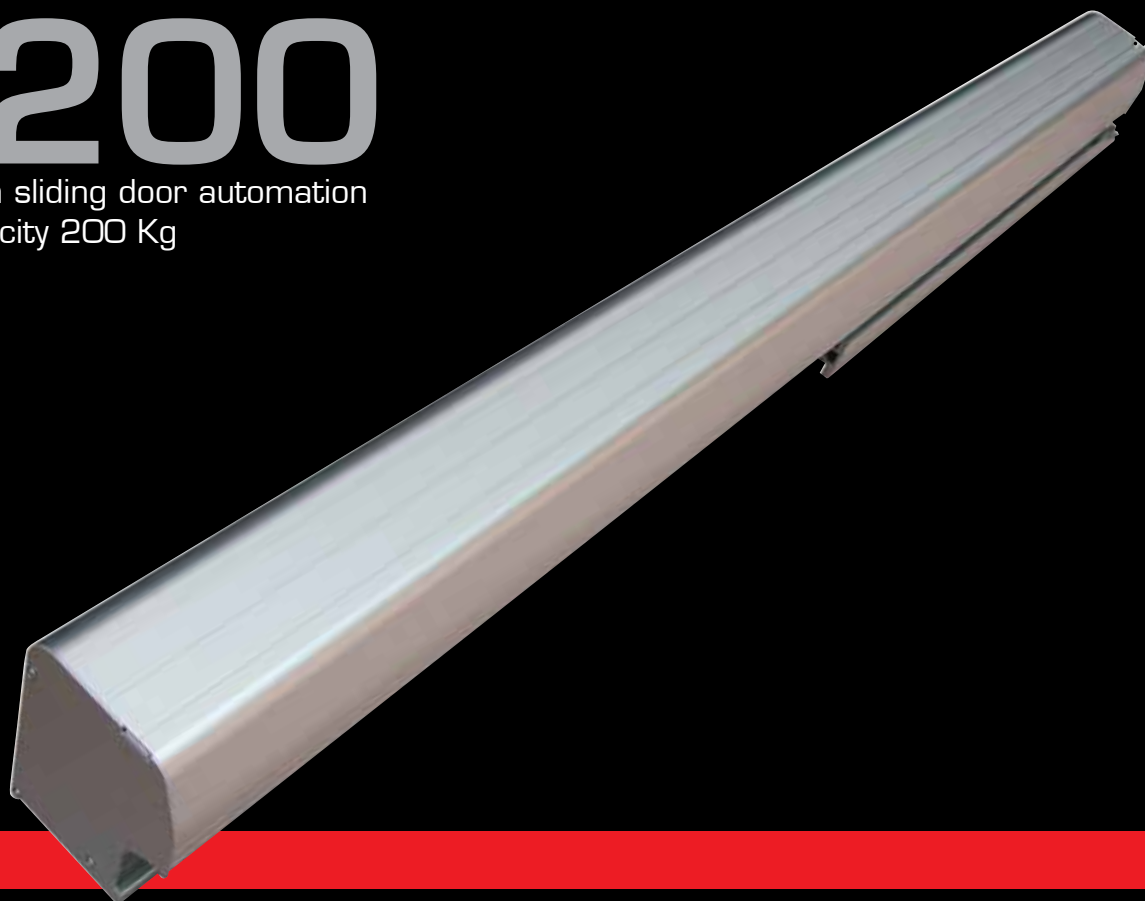


Plug&Play version also available.



K200

Pedestrian sliding door automation
Max. capacity 200 Kg



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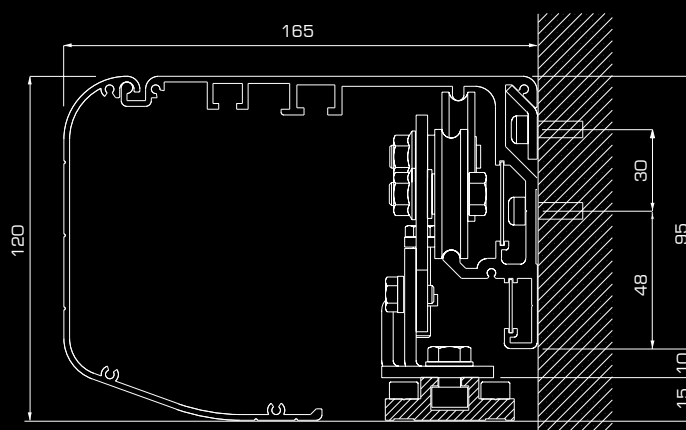
Technical characteristics

| | |
|------------------------------------|---------------------------|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 24V - 500mA max |
| Absorption: | 0,25 A |
| Power absorbed: | 50W |
| Type of use: | continuous use |
| Opening/closing speed: | adjustable 10 ÷ 80 cm/sec |
| Opening/closing approaching speed: | adjustable 1 ÷ 80 cm/sec |
| Opening/closing acceleration: | adjustable 1 ÷ 12 |
| Automatic closing time: | adjustable 0 ÷ 60 sec |
| Mains voltage fuse 230V: | 5x20 - T800 delayed |
| No. of door panels: | 1 PANEL 2 PANELS |
| Maximum capacity: | 140 kg 100 + 100 kg |
| Size of opening: | 800+2800 mm 1000+2800 mm |

Description for technical specifications

Door automation device TOPP, model K200, for pedestrian sliding doors, max. load 200 kg, intensive duty device, with electronic board with microprocessor of latest generation that allows the motion self-adjustment according to the weight and dimensions of the panels. Built-in safety functions with thrust force control and obstruction detection system that automatically reverses the operation when an obstacle in the doorway is detected. Device with encoder for the automatic reading of stroke, position and slowdown of the panels. CE marked device. Custom-made options: opening and closing speed; slowdown and approaching speed and space; pause closing time /automatic / partial / with key; partial opening; emergency operation mode with battery; operation mode with panel lock.

Dimensions



Plug&Play version also available.



K280

Pedestrian sliding door automation
Max. capacity 280 Kg



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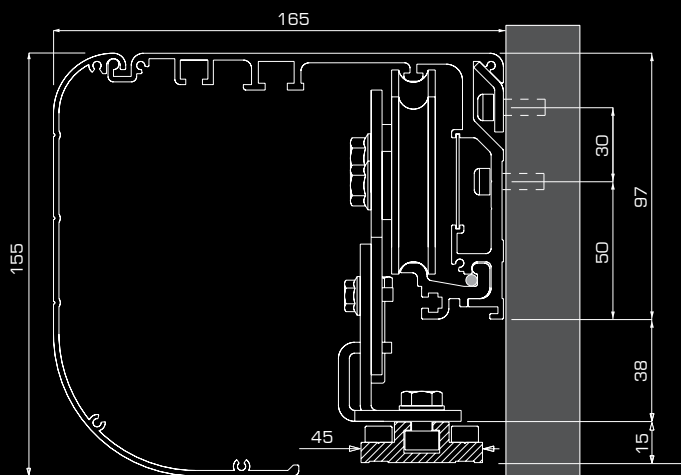
Technical characteristics

| | |
|------------------------------------|--|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 24V - 500mA max |
| Absorption: | 0,25 A |
| Power absorbed: | 50W |
| Type of use: | continuous use |
| Opening/closing speed: | adjustable 10 ÷ 80 cm/sec |
| Opening/closing approaching speed: | adjustable 1 ÷ 80 cm/sec |
| Opening/closing acceleration: | adjustable 1 ÷ 12 |
| Automatic closing time: | adjustable 0 ÷ 60 sec |
| Mains voltage fuse 230V: | 5x20 - T800 delayed |
| No. of door panels: | 1 PANEL 2 PANELS |
| Maximum capacity: | 280 kg 140 + 140 kg |
| Size of opening: | 800+3200 mm 1000+3200 mm |

Description for technical specifications

Door automation device TOPP, model K280, for pedestrian sliding doors, max. load 280 kg, intensive duty device, with electronic board with microprocessor of latest generation that allows the motion self-adjustment according to the weight and dimensions of the panels. Built-in safety functions with thrust force control and obstruction detection system that automatically reverses the operation when an obstacle in the doorway is detected. Device with encoder for the automatic reading of stroke, position and slowdown of the panels. CE marked device. Custom-made options: opening and closing speed; slowdown and approaching speed and space; pause closing time/automatic/partial/with key); partial opening; emergency operation mode with battery; operation mode with panel lock.

Dimensions



Plug&Play version also available.





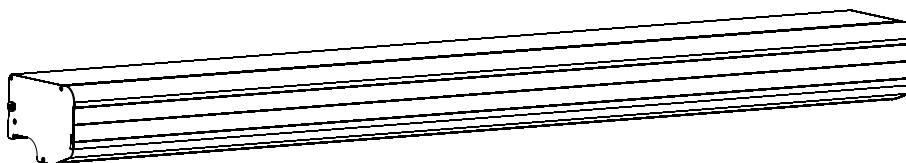
PEDESTRIAN SLIDING DOOR OPERATORS

K140 Max load: 140kg 1 panel - 70kg+70kg 2 panels - **K200** Max load: 140kg 1 panel - 100kg+100kg 2 panels

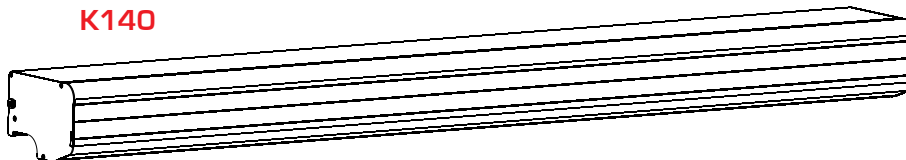
K280 Max load: 280kg 1 panel - 140kg+140kg 2 panels

DOOR OPERATOR KIT

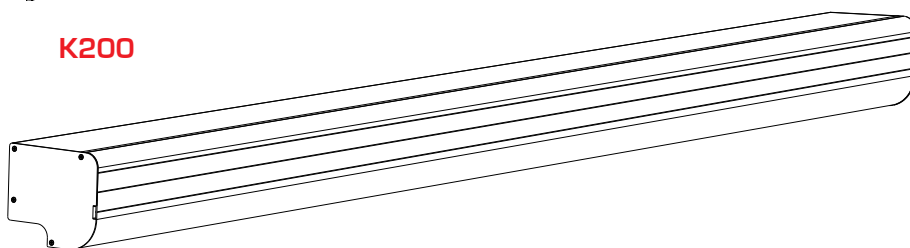
| Clear passage width VPA | Operator length LT | |
|----------------------------|-----------------------|--|
| 800 | 1750 | |
| 900 | 1950 | |
| 1000 | 2150 | |
| 1100 | 2350 | |
| 1200 | 2550 | |
| 1300 | 2750 | |
| 1400 | 2950 | |
| 1500 | 3150 | |
| 1600 | 3350 | |
| 1700 | 3550 | |
| 1800 | 3750 | |
| 1900 | 3950 | |
| 2000 | 4150 | |
| 2100 | 4350 | |
| 2200 | 4550 | |
| 2300 | 4750 | |
| 2400 | 4950 | |
| 2500 | 5150 | |
| 2600 | 5350 | |
| 2700 | 5550 | |
| 2800 | 5750 | |
| 2900 | 5950 | |
| 3000 | 6150 | |
| 3100 | 6350 | |



K140



K200



K280

Note: Door system price list = Door operator kit (see above) + panel adapter kit (see below) + control and safety accessories (go to page 28).

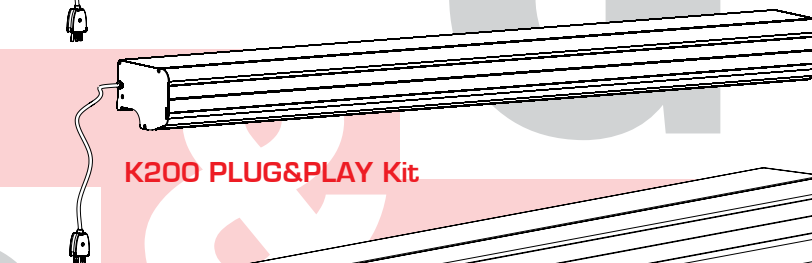
PLUG&PLAY DOOR OPERATOR KIT

motor kit + main beam + mechanism box + emergency battery + Plug&Play power + 2 Plug&Play IS2 radars
+ on-board receiver + 4-functions remote control selector switch

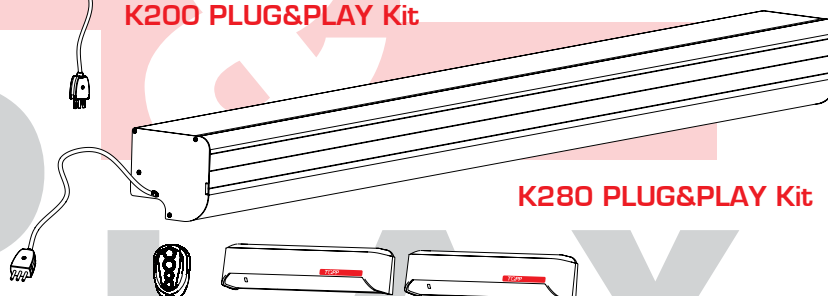
| Clear passage width VPA | Operator length LT | |
|----------------------------|-----------------------|--|
| 800 | 1750 | |
| 900 | 1950 | |
| 1000 | 2150 | |
| 1100 | 2350 | |
| 1200 | 2550 | |
| 1300 | 2750 | |
| 1400 | 2950 | |
| 1500 | 3150 | |
| 1600 | 3350 | |
| 1700 | 3550 | |
| 1800 | 3750 | |
| 1900 | 3950 | |
| 2000 | 4150 | |
| 2100 | 4350 | |
| 2200 | 4550 | |
| 2300 | 4750 | |
| 2400 | 4950 | |
| 2500 | 5150 | |
| 2600 | 5350 | |
| 2700 | 5550 | |
| 2800 | 5750 | |
| 2900 | 5950 | |
| 3000 | 6150 | |
| 3100 | 6350 | |



K140 PLUG&PLAY Kit



K200 PLUG&PLAY Kit



K280 PLUG&PLAY Kit

Note: Door system price list = Plug&Play Automation kit (see above) + panel adapter kit (see next page).

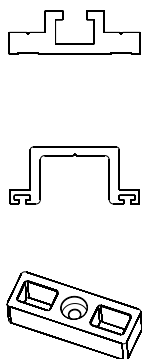
K140 - K200 - K280 PANEL ADAPTER KIT

ADAPTER KIT FOR:

framed panels

T10 - adapters kit for framed panels

Includes: adapter + track + accessories + runner on floor



K140

Clear opening width 1 panel: 800-2800
Clear opening width 2 panels: 1000-2800

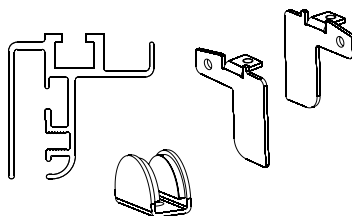
K280

Clear opening width 1 panel: 800-3100
Clear opening width 2 panels: 1000-3100

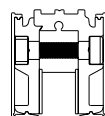
glass panels

A10 - adapter kit for glass panels

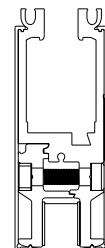
Includes: adapter + track + accessories for 10mm glass wings.



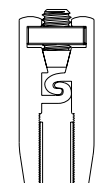
G38 - adapter kit for undrilled glass panels 8-10-12 mm.



G82/Z82 - adapter kit/ increased base for undrilled glass panels 8-10-12 mm.



G60 - Clamp for undrilled glass panels 10-12 mm.



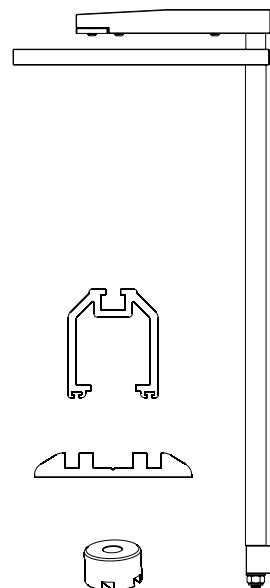
K140

Clear opening width 1 panel: 800-2000
Clear opening width 2 panels: 1000-2500

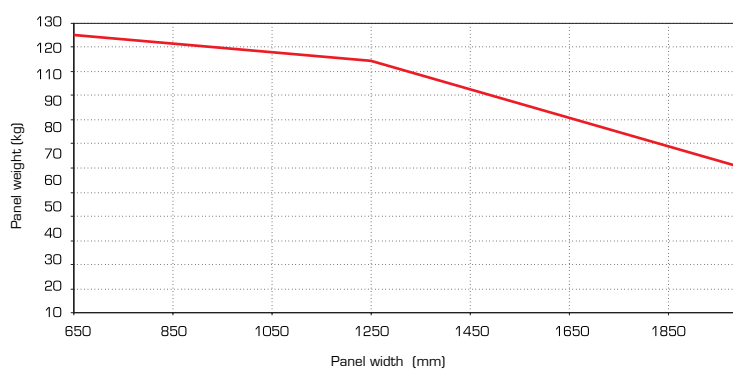
panels with anti-panic system

S10 - adapter kit for panels with anti-panic device

Includes: adapter, track, accessories, runner on floor and simple anti-panic kit.



| | | | |
|-------------------|-----|------|------|
| PANEL WEIGHT (kg) | 125 | 110 | 90 |
| PANEL WIDTH (mm) | 650 | 1330 | 1850 |



Note: The anti-panic system by mechanical breaking can be used with wings that are max. 2000 mm wide and that weigh 70 kg /wing (for shorter wings, please refer to the above related table).

K200T

Pedestrian linear telescopic door automation
Max capacity 200 Kg



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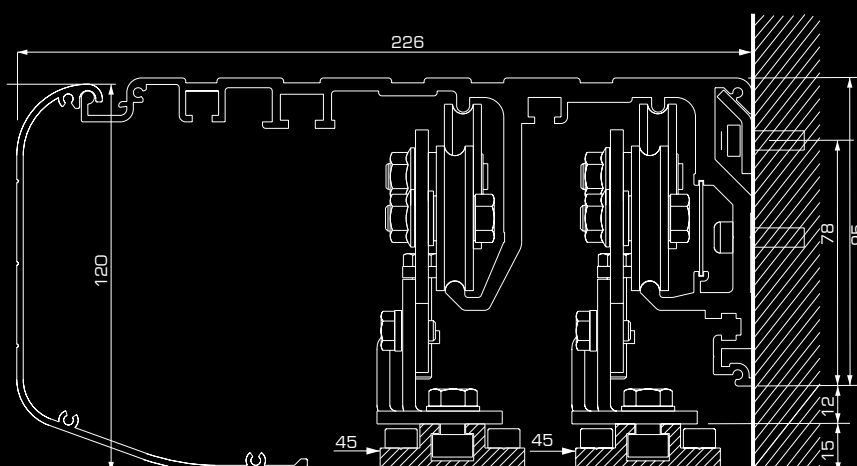
Technical characteristics

| | |
|------------------------------------|--|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 24V - 500mA max |
| Absorption: | 0,17 A |
| Power absorbed: | 35W |
| Type of use: | continuous use |
| Opening/closing speed: | adjustable 10 ÷ 80 cm/sec |
| Opening/closing approaching speed: | adjustable 1 ÷ 80 cm/sec |
| Opening/closing acceleration: | adjustable 1 ÷ 12 |
| Automatic closing time: | adjustable 0 ÷ 60 sec |
| Mains voltage fuse 230V: | 5x20 - T800 delayed |
| No. of door panels: | 2 PANELS 4 PANELS |
| Maximum capacity: | 2x100 kg 4x50 kg |
| Size of opening: | 900+4200 mm 1800+4200 mm |

Description for technical specifications

Door automation device TOPP, model K200T, for pedestrian sliding telescopic doors, max. capacity 200 kg, intensive duty device, with electronic board with microprocessor of latest generation that allows the motion self-adjustment according to the weight and dimensions of the panels. Built-in safety functions with thrust force control and obstruction detection system that automatically reverses the operation when an obstacle in the doorway is detected. Device with encoder for the automatic reading of stroke, position and slowdown of the panels. CE marked device. Custom-made options: opening and closing speed; slowdown and approaching speed and space; pause closing time (automatic/partial/with key); partial opening; emergency operation mode with battery; operation mode with panel lock.

Dimensions



K280T

Pedestrian linear telescopic door automation
Max. capacity 280 Kg



15

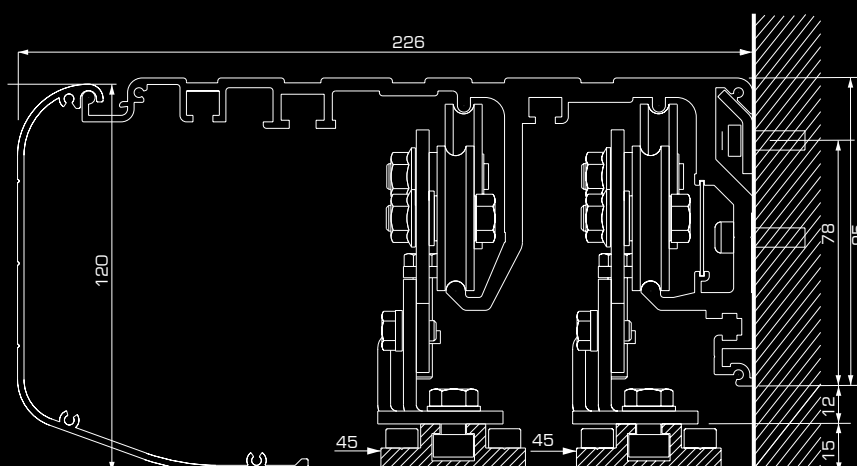
Technical characteristic

| | |
|------------------------------------|---------------------------|
| Power supply: | 230V ~ 50Hz |
| Peripheral power output: | 24V - 500mA max |
| Absorption: | 0,25 A |
| Power absorbed: | 50W |
| Type of use: | continuous use |
| Opening/closing speed: | adjustable 10 ÷ 80 cm/sec |
| Opening/closing approaching speed: | adjustable 1 ÷ 80 cm/sec |
| Opening/closing acceleration: | adjustable 1 ÷ 12 |
| Automatic closing time: | adjustable 0 ÷ 60 sec |
| Mains voltage fuse 230V: | 5x20 - T 800 delayed |
| No. of door panels: | 2 PANELS 4 PANELS |
| Maximum capacity: | 2x140 kg 4x70 kg |
| Size of opening: | 900+4200 mm 1800+4200 mm |

Description for technical specifications

Door automation device TOPP, model K280T, for pedestrian sliding telescopic doors, max. capacity 280 kg, intensive duty device, with electronic board with microprocessor of latest generation that allows the motion self-adjustment according to the weight and dimensions of the panels. Built-in safety functions with thrust force control and obstruction detection system that automatically reverses the operation when an obstacle in the doorway is detected. Device with encoder for the automatic reading of stroke, position and slowdown of the panels. CE marked device. Custom-made options: opening and closing speed; slowdown and approaching speed and space; pause closing time (automatic/partial/with key); partial opening; emergency operation mode with battery; operation mode with panel lock.

Dimensions



TELESCOPIC SLIDING DOOR OPERATORS

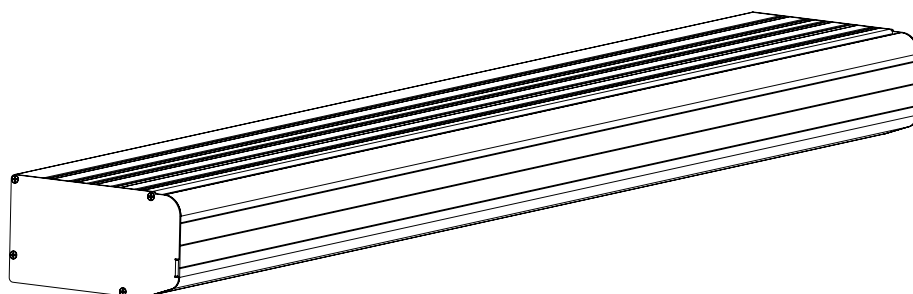
K200T max. load: 100kg+100kg 2 panels - 50kg+50kg+50kg+50kg 4 panels

K280T max load: 140kg+140kg 2 panels - 70kg+70kg+70kg+70kg 4 panels

DOOR OPERATOR KIT

motor kit + main beam + mechanism box + emergency battery

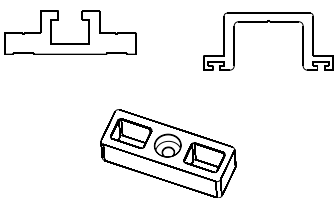
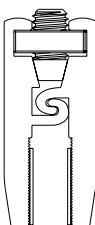
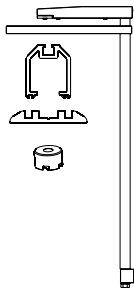
| Clear passage width | Operator length |
|---------------------|-----------------|
| VPA | LT |
| 900 | 1500 |
| 1000 | 1650 |
| 1100 | 1800 |
| 1200 | 1950 |
| 1300 | 2100 |
| 1400 | 2250 |
| 1500 | 2400 |
| 1600 | 2550 |
| 1700 | 2700 |
| 1800 | 2850 |
| 1900 | 3000 |
| 2000 | 3150 |
| 2100 | 3300 |
| 2200 | 3450 |
| 2300 | 3600 |
| 2400 | 3750 |
| 2500 | 3900 |
| 2600 | 4050 |
| 2700 | 4200 |
| 2800 | 4350 |
| 2900 | 4500 |
| 3000 | 4650 |
| 3100 | 4800 |
| 3200 | 4950 |
| 3300 | 5100 |
| 3400 | 5250 |
| 3500 | 5400 |
| 3600 | 5550 |
| 3700 | 5700 |
| 3800 | 5850 |
| 3900 | 6000 |
| 4000 | 6150 |
| 4100 | 6300 |
| 4200 | 6450 |



Nota: Door operator price list = Door operator kit (see above) + panel adapter kit (go to page 13) + control and safety accessories (go to page 28).

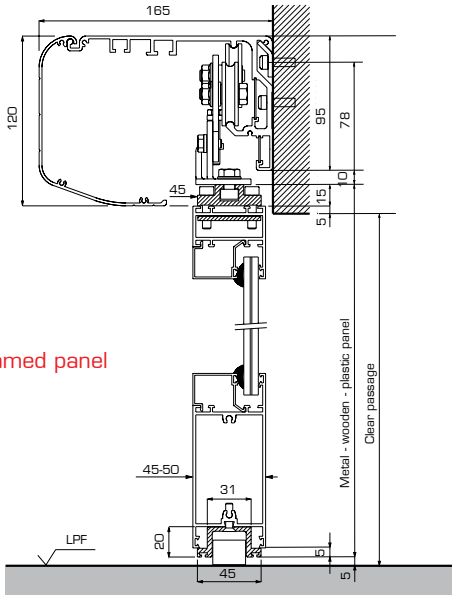
K200T - K280T PANEL ADAPTER KIT

ADAPTER KIT FOR:

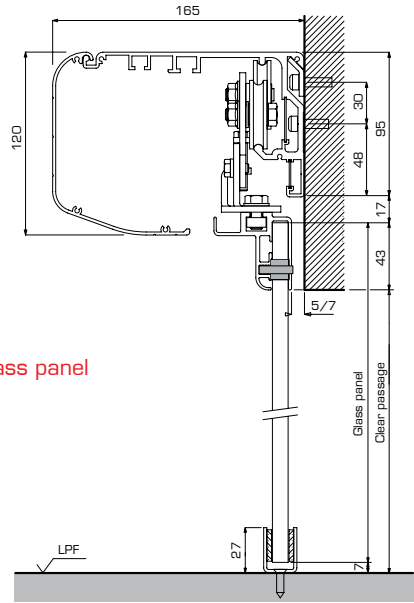
| framed panels | glass panels | panels with anti-panic system |
|---|---|---|
| <p>T10 - Adapter kit for framed panels: Adapter + Track + Accessories + Runner on floor.</p>  | <p>G60 - Adapter kit for glass panels: Adapter + Track + 10/12mm Glass panels accessories + Runner on floor.</p>  | <p>S10 - Adapter kit for panels with anti-panic system: Adapter + Track + Accessories + Runner on floor + Anti-panic kit for breakthrough of sliding panels.</p>  |



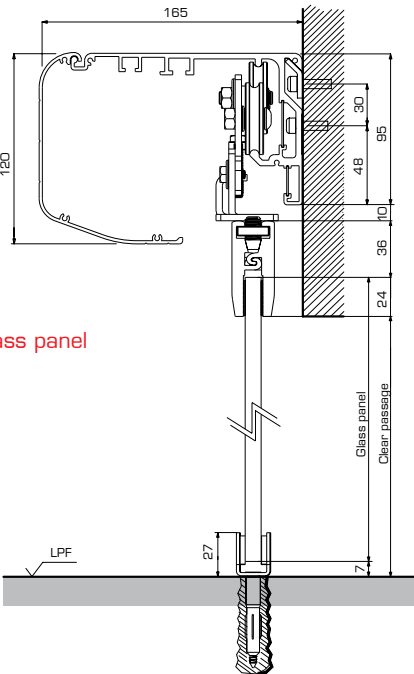
K140 DIMENSIONS



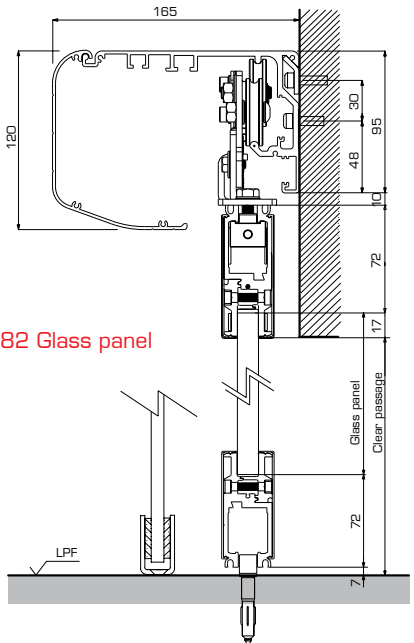
T10 Framed panel



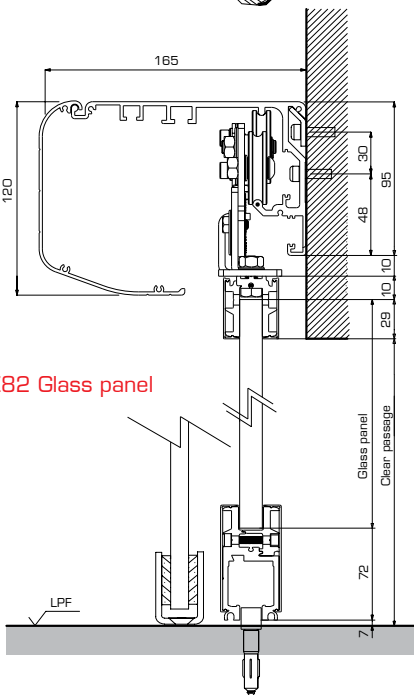
A10 Glass panel



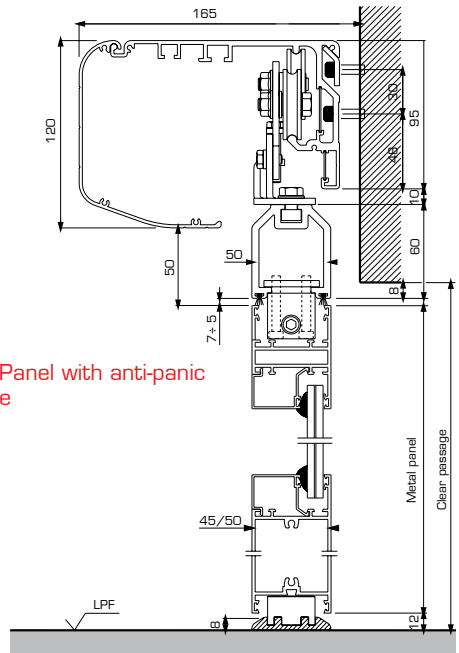
G60 Glass panel



G82 - Z82 Glass panel

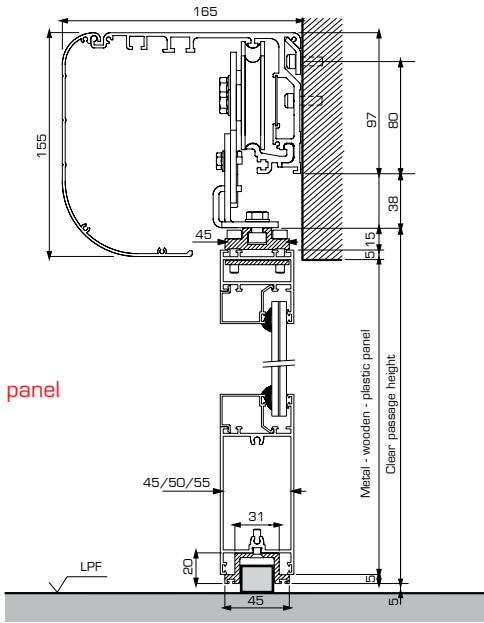


G38 - Z82 Glass panel

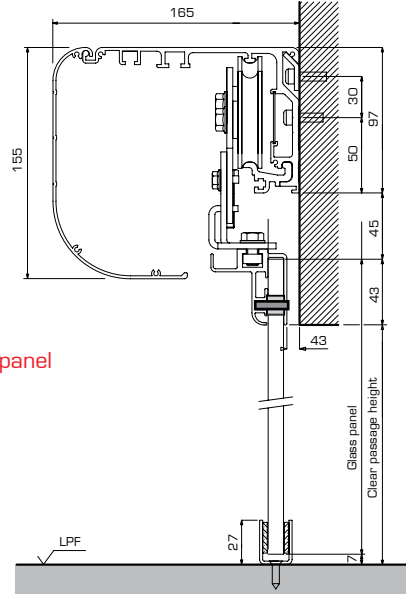


S10 Panel with anti-panic device

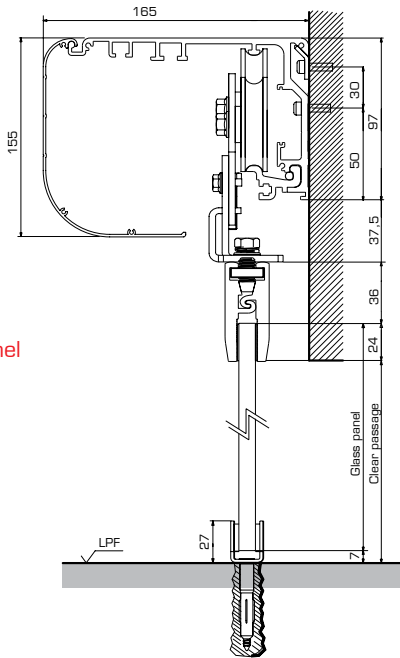
K280 DIMENSIONS



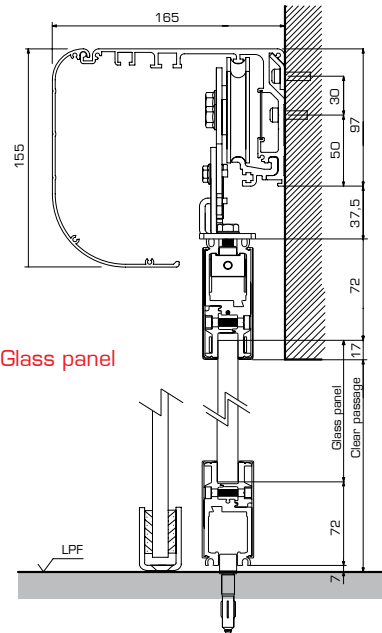
T10 Framed panel



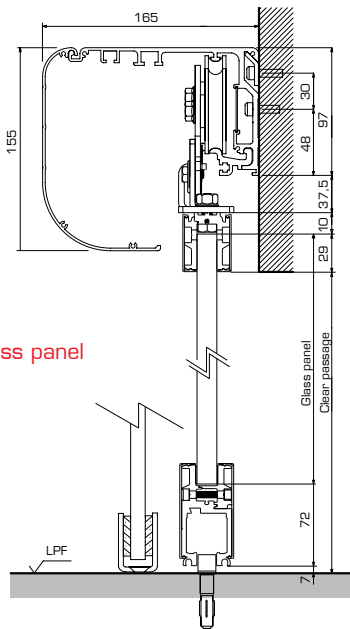
A10 Glass panel



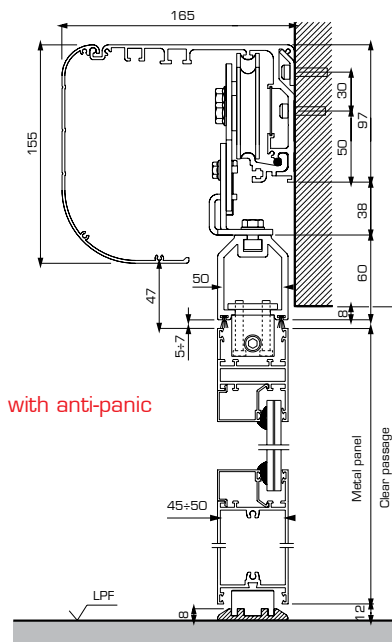
G60 Glass panel



G82 - Z82 Glass panel

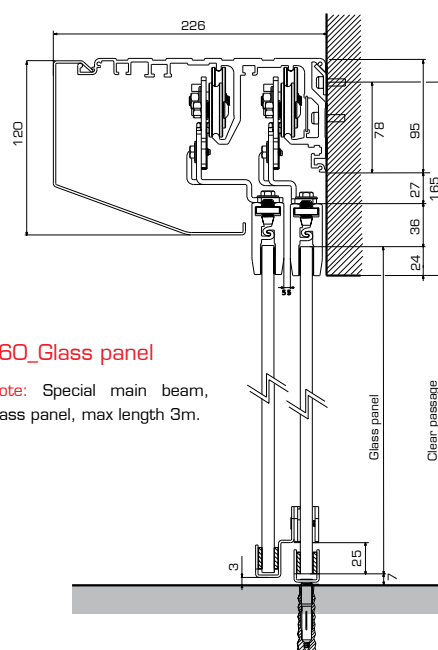
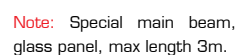
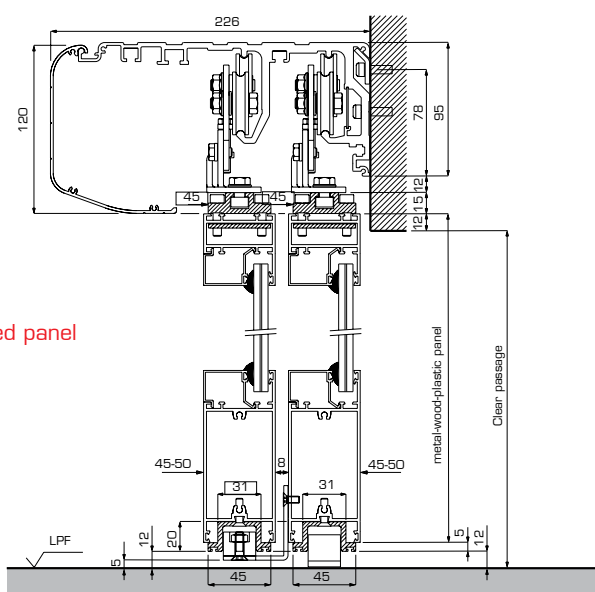


G38 - Z82 Glass panel



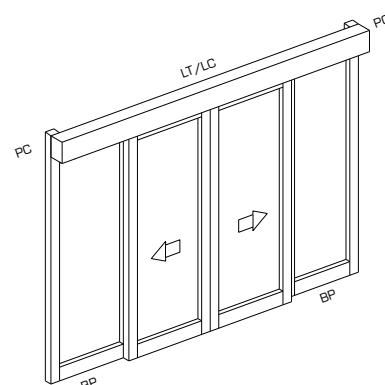
S10 Panel with anti-panic device

20



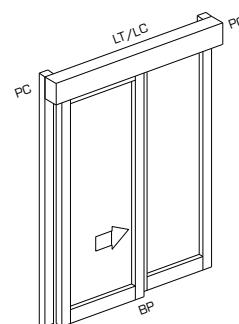
Two models of automatic door are available: Door automation with 2 panels which allows a pair of panels to slide simultaneously in the opposite direction; door automation with 1 panel which allows a single panel to slide in one direction.

Technical drawing of a double door assembly. The drawing shows two doors, each with a width of 25 units. The total width of the assembly is labeled VL. The distance between the inner edges of the doors is labeled VPA*. The distance between the outer edges of the doors is labeled LT/LC. The drawing also shows the door handles and hinges.

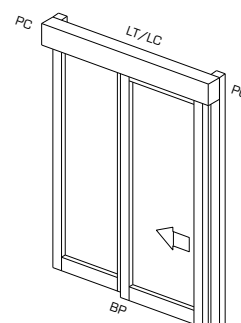


Technical drawing of a door and window assembly. The drawing shows a side view of a door and window unit. Key dimensions and components are labeled:

- VL**: Vertical distance from the top of the door to the top of the window.
- 25**: Horizontal distance from the right edge of the door to the right edge of the window.
- 75**: Horizontal distance from the left edge of the door to the left edge of the window.
- VPA ***: Vertical distance from the bottom of the door to the bottom of the window.
- LT/LC**: Horizontal distance from the left edge of the door to the left edge of the window.

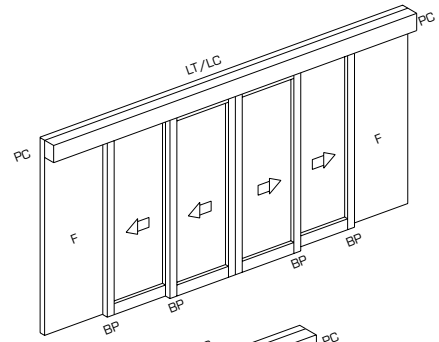
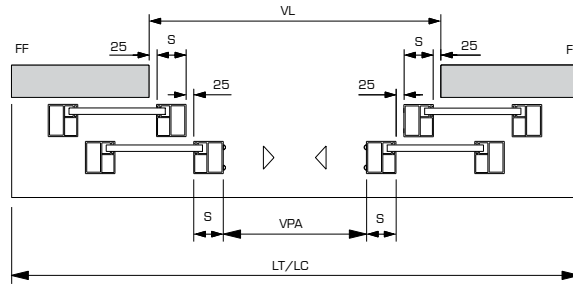


Technical drawing of a door assembly showing dimensions: 25, 75, 75, LT/LC, VPA*, VL, and a triangle symbol.

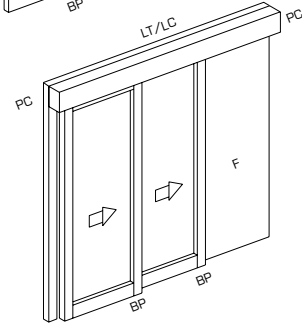
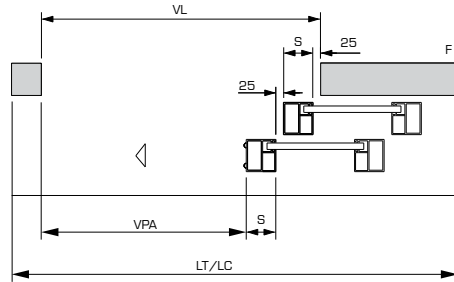


TYPE of INSTALLATIONS

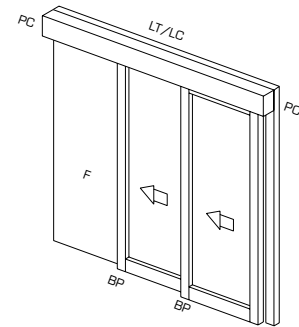
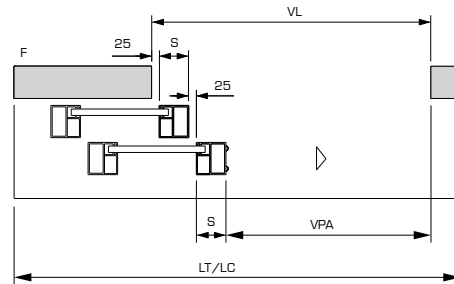
4 Panels telescopic door automation



2 Panels telescopic door automation opening to the right



2 Panels telescopic door automation opening to the left

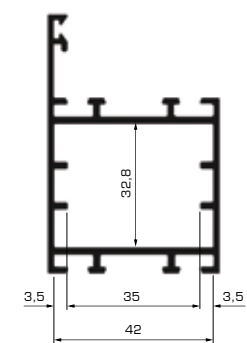


* When ordering a 1-panel door automation, always indicate the panel opening direction by referring to the automation front view.

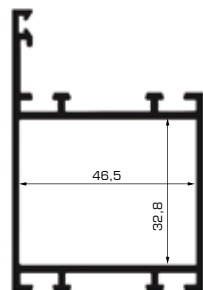
* To comply with the safety regulations, the net clear passage width (VPA) must be less than the gross clear passage width (VL). The net clear passage width (VPA) is equal to the gross clear passage width (VL) when the doorpost shows no blunt and/or protrusion that may cause the shearing effect.

F = fix panel - S = profile thickness - VPA = net clear passage width - VL = gross clear opening width - LT/LC = door length/ mechanism box length - BP = rail + runner on floor - PC = electric wire raceway.

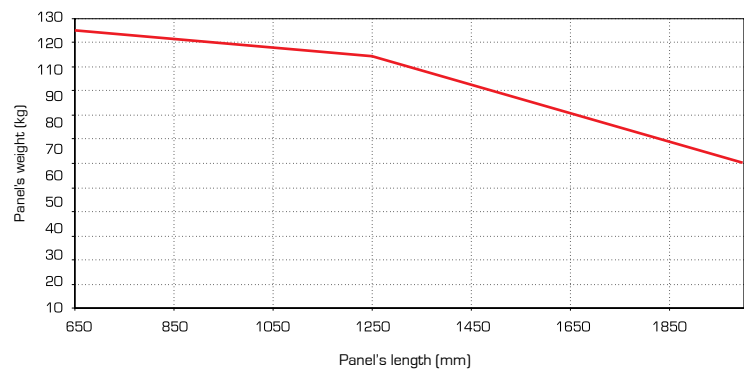
S10 ANTI-PANIC KIT - PROFILES SECTION AND CAPACITY



profile's minimum internal dimensions for the anti-panic kit installation



profile's internal dimensions for the anti-panic kit installation



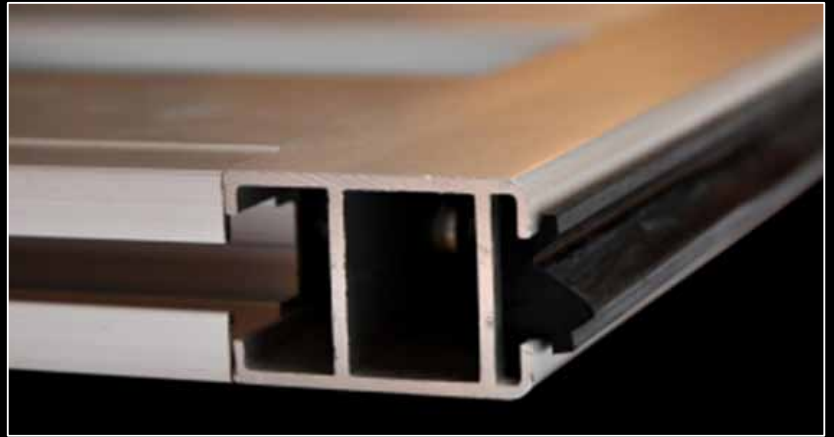
Note: The mechanical break-through anti-panic system can be used with panels that are max 2000 mm wide and that weigh max 70 kg each (for narrower panels, please refer to the relevant diagrams).

Attention: add the anti-panic kit (15 kg) to the panel's weight.

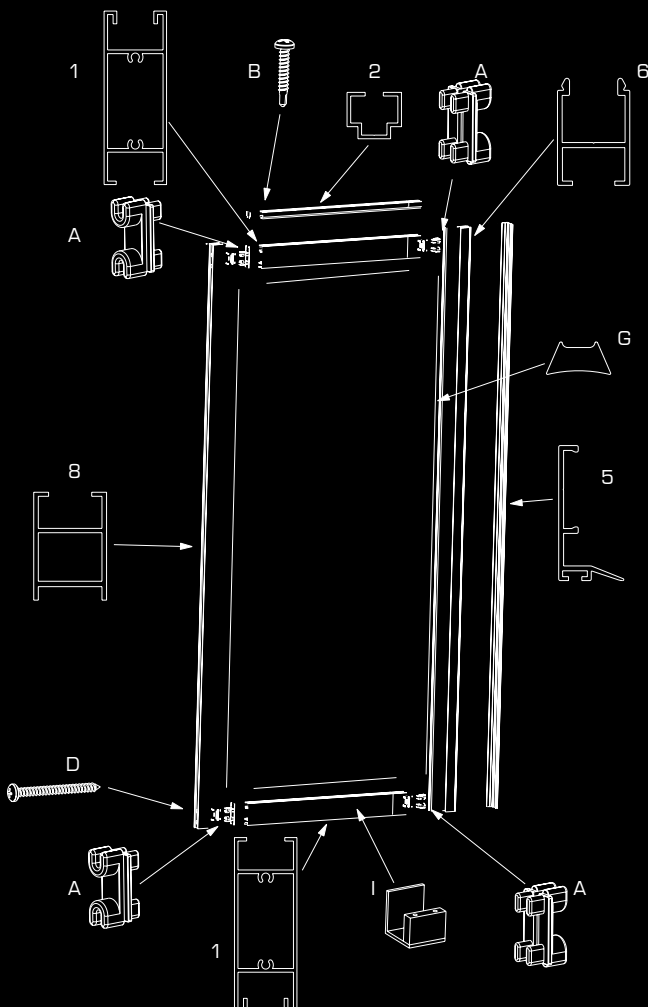
N.B.: The images of the shown profiles are indicative only for the analysis of space for the assembly of the TOPP anti-panic system .

P27

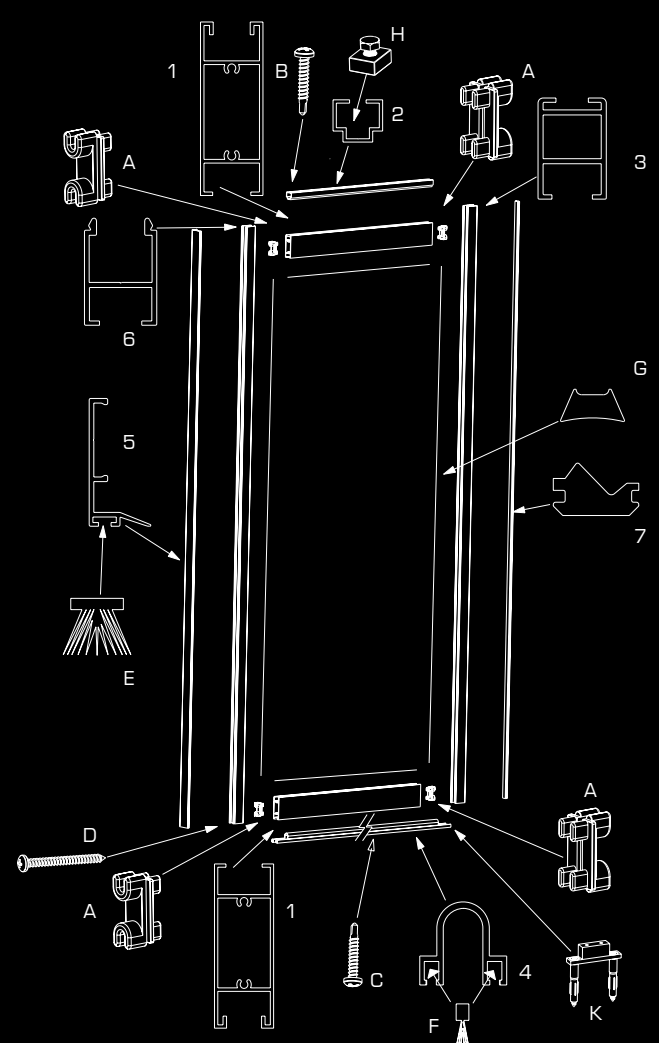
Profile for TOPP automatic sliding doors. The profile is 27mm thick, the bottom and upper base is 75mm high and the side profiles are 40mm wide. It is supplied with seals and accessories to fit laminated 3+3/4+4/5+5 or tempered 6/8/10 glasses.





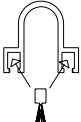






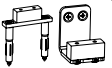







Fixed panel



Active panel



P27 PROFILES FOR AUTOMATIC DOORS

| Drawings | Drawing ref. | Code | Product description | Remarks |
|---|--------------|---------------|--|-------------|
| WING KIT | | | | |
| | | 3Q4#000002744 | P27 kit for 1 active panel L 1000 - H 2600 | |
| | | 3Q4#000002711 | P27 kit for 1 active panel kit L 1500 - H 2600 | |
| | | 3Q4#000003004 | P27 kit for 1 fixed panel + 1 active panel L 1000 - H 2600 | |
| | | 3Q4#000003662 | P27 kit for 1 fixed panel + 1 active panel L 1500 - H 2600 | |
| | | 3Q4#000002870 | P27 kit for 2 active panels kit L 1000 - H 2600 | |
| | | 3Q4#000003663 | P27 kit for 2 active panels kit L 1500 - H 2600 | |
| | | 3Q4#000002856 | P27 kit for 2 fixed panels + 2 active panels L 1000 - L 2600 | |
| | | 3Q4#000003664 | P27 kit for 2 fixed panels + 2 active panels L 1500 - L 2600 | |
| COMPONENTS | | | | |
|  | 1 | 8E2001 | P27 Horizontal panel Profile for Active & Fixed panel | 6 m bar |
|  | 2 | 8E2002 | P27 Horizontal panel Profile for Active & Fixed panel | 6 m bar |
|  | 4 | 8E2003 f | P27 Horizontal Guide Profile for Active panel | 6 m bar |
|  | 8 | 8E2004 | P27 Vertical Profile for Fixed panel | 5,2 m bar |
|  | 6 | 8E2005 | P27 Vertical Profile for Active & Fixed panel | 5,2 m bar |
|  | 3 | 8E2006 | P27 Vertical Connection Profile for Active panel | 5,2 m bar |
|  | 5 | 8E2007 | P27 Clamp Profile for Active & Fixed panel | 5,2 m bar |
|  | I | 8E2031 | P27 Runner on floor for 1 Active/Fixed panel | for 1 panel |
|  | K | 8E2032 | P27 Runner on floor for 1 Active panel | for 1 panel |
|  | K+L | 8E2033 | P27 Kit Runner on floor for 1 Telescopic panel | for 1 panel |
|  | A+B+D | 8E2040 | P27 Spare parts kit for 1 Fixed panel | for 1 panel |
|  | A+B+C+D+H | 8E2041 | P27 Spare parts kit for 1 Active panel | for 1 panel |
|  | A+B+C+D+J | 8E2042 | P27 Spare parts kit for 1 Active Teles. panel | for 1 panel |
| | G | 8E2070 | P27 Gasket (6mm thick) for glass active and fixed panels | 60m |
|  | G | 8E2071 | P27 Gasket (8mm thick) for glass active and fixed panels | 60m |
| | G | 8E2072 | P27 Gasket (10mm thick) for glass active and fixed panels | 60m |
|  | 7 | 8E2073 | P27 Connection Gasket for Active panel | 12m |
|  | E | 8E2074 | P27 Connection Brush for Active panel | 12m |
|  | F | 8E2075 | P27 Base Brush for Active panel | 1 m bar |

P45

Adaptation profile for the common R40 system with rounded anti-crushing, anti-cutting and anti-grazing corners complying with the EN 16005 Standard about the safety in use of power operated pedestrian doorsets. Custom cut panel with brushes, gaskets and glass-holder for 10 to 12mm glass or, alternatively, of the components necessary to complete the assembly of the framed panel with the R40 system.



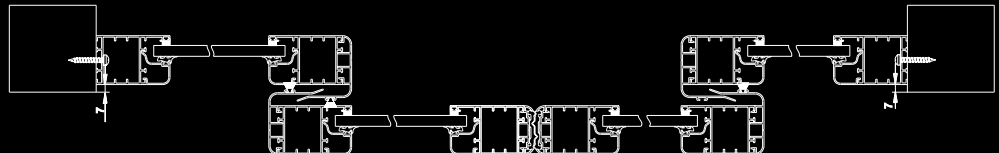
Double panel with integral anti-panic device



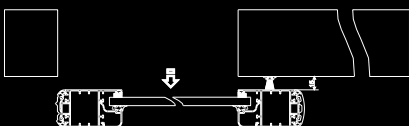
Double panel with simple anti-panic device



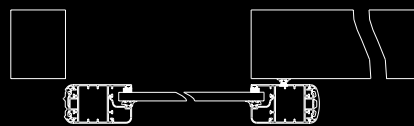
Double panel without anti-panic device



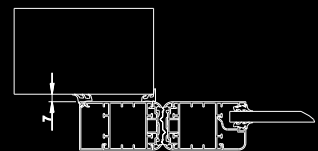
Moving panel simple anti-panic device



Moving panel Without anti-panic device



Door leaf

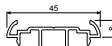
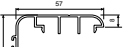

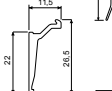


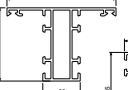
















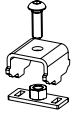








P45 PROFILES FOR AUTOMATIC DOORS

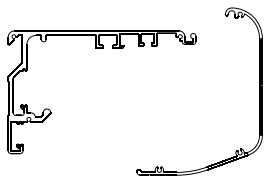
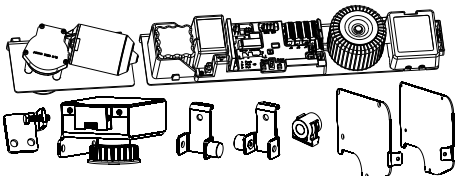
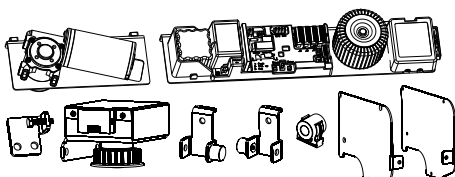
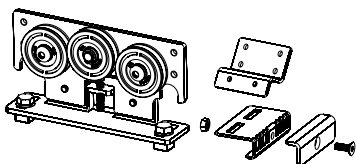
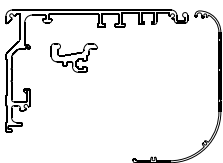
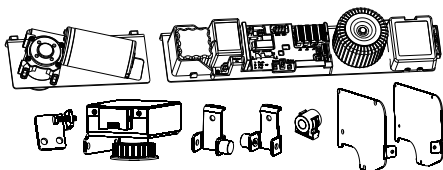
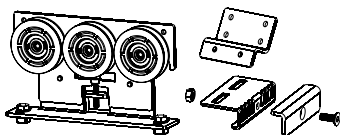
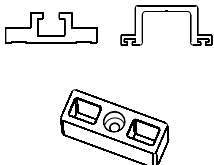
| Drawings | Code | Product description | Remarks |
|-----------------|--------|---|---------|
| WING KIT | 3Q8001 | P45* Active panel kit for integral anti-panic device max 1500x3000H | |
| | 3Q8002 | P45* Semi-fixed panel kit for integral anti-panic device max 1500x3000H | |
| | 3Q8003 | P45* Active panel kit for simple anti-panic device max 1500x3000H | |
| | 3Q8004 | P45* Fixed panel kit for simple anti-panic device max 1500x3000H | |
| | 3Q8005 | P45* Active panel kit max 1500x3000H | |
| | 3Q8006 | P45* Fixed panel kit max 1500x3000H | |
| | 3Q8007 | P45 Active panel kit 3000x1500 | |
| | 3Q8008 | P45* Panel door leaf kit max 3000H | |
| | 3Q8050 | P45 TOPP simple anti-panic system kit | |
| | 3Q3040 | S10 Adapter kit for integral anti-panic device | |

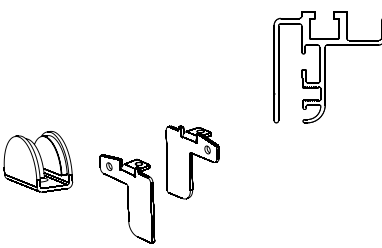
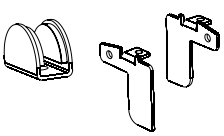
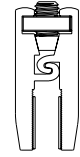
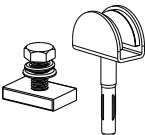
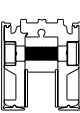
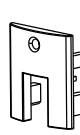
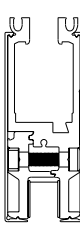




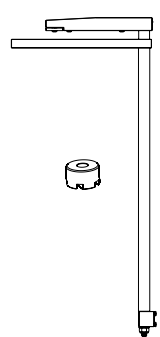
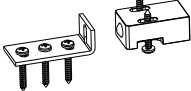
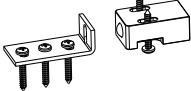
* These prices include costs for the custom cut service (glasses not supplied)

COMPONENTS

| | | | |
|---|--------|---|----------------------|
|  | 8E2200 | P45 Vertical profile, frame and matching part | 6 meter bar |
|  | 8E2201 | P45 Maze Vertical profile | 6 meter bar |
|  | 8E2202 | P45 Brush profile-holder | 6 meter bar |
|  | 8E2203 | P45 Glass holder 2mm (profile to complete the assembly of panel adapter and track) | 6 meter bar |
|  | 8E2204 | P45 Glass holder 22mm (profile to complete of active and fixed panel track) | 6 meter bar |
|  | 8E2205 | P45 Rounded glass holder 22,5mm | 6 meter bar |
|  | 8E2206 | P45 Frame profile Fixed/Active | 6 meter bar |
|  | 8E2207 | P45 "L"-shaped frame Fixed and Active | 6 meter bar |
|  | 8E2208 | P45 Vertical profile/Beam | 6 meter bar |
|  | 8E2209 | P45 Increased "L"-shaped frame Fixed | 6 meter bar |
|  | 8E2210 | P45 covering facing profile (Covering profile for anti-panic passage width frame) | 6 meter bar |
|  | 8E2215 | P45 Panels adapter profile Silver | 6,5 meter bar |
|  | 8E2216 | P45 Panels track profile Silver | 6,5 meter bar |
|  | 8E2217 | P45 Bottom track | 6,5 meter bar |
|  | 8E1290 | Anti-panic adapter kit | 6,5 meter bar |
|  | 0E0047 | P45 Screw TCAF d4,8x32 UNI6954 Zn | for 1 panel (12 pcs) |
|  | 8E2250 | P45 Panel connection seal | 1 meter |
|  | 8E2251 | P45 Connection seal for panels matching part | 1 meter |
|  | 8E2252 | P45 Seal External Glass Thickness = 1.5 | 1 meter |
|  | 8E2253 | P45 Internal Panel connection seal | 1 meter |
|  | 8E2254 | P45 Seal 7mm for 10mm glass | 1 meter |
|  | 8E2260 | P45 Brush | 1 meter |
|  | 8E2261 | P45 Increased brush | 1 meter |
|  | 8E2270 | P45 Adapter bracket kit | for 1 panel (4 pcs) |
|  | 8E2271 | P45 Track bracket kit | for 1 panel (3 pcs) |
|  | 8E2272 | P45 "L"-shaped bracket, wall fixing | 3 pcs |
|  | 8E2280 | Base fixing bracket kit | for 1 panel (2 pcs) |
|  | 8E2281 | R40 Profiles reinforcement plate kit | for 1 panel (4 pcs) |
|  | 8E2282 | Semi-fixed panel opening hinge kit | for 1 panel (3 pcs) |
|  | 3Q1030 | T10 Guide for linear door | kit for 1 panel |

ASSEMBLY KITS

| | Code | Product description |
|---|----------------------------|---|
|  | 3P1004 3P1005 3P1006 | K140 - K200 Profiles Kit - Silver - L=3100 K140 - K200 Profiles Kit - Silver - L=4400 K140 - K200 Profiles Kit - Silver - L=6500 Includes: Main Beam, Mechanism Box, Raceway |
|  | 3P1231 | K140 Motor & Transmission belt unit Includes: Motor and control unit; transmission belt unit with encoder; Tension adjustment belt kit; Safety door stop limit switch; Black caps set for the main beam |
|  | 3P5231 | K200 Motor & Transmission belt unit Includes: Motor and control unit; transmission belt unit with encoder; Tension adjustment belt kit; Safety door stop limit switch; Black caps set for the main beam |
|  | 3P1070 | K140 - K200 Carriage & Belt connector kit for 1 panel (2pcs) |
|  | 3P2004 3P2005 3P2006 | K280 Profiles Kit - Silver - L=3100 K280 Profiles Kit - Silver - L=4400 K280 Profiles Kit - Silver - L=6500 Includes: Main Beam, Mechanism Box, Raceway |
|  | 3P2231 | K280 Motor & Transmission unit Includes: Motor and control unit; transmission belt unit with encoder; Tension adjustment belt kit; Safety door stop limit switch; Black caps set for the main beam |
|  | 3P2070 | K280 Carriage & Belt connector kit for 1 panel (2pcs) |
|  | 3Q1004 3Q1005 3Q1006 | T10 Adapter and Track Kit - Silver L= 1900 T10 Adapter and Track Kit - Silver L=3200 T10 Adapter and Track Kit - Silver L=6500 Adapter and track for framed doors |
| | 3Q1030 | T10 Runner on floor kit for framed panel (1 panel) |
| | 8E1181 OC3100 | Toothed transmission belt kit - 100 m Toothed transmission belt - 1 m |

| | Code | Product description | Current price |
|---|--------|--|---------------|
|  | 3Q2004 | A10 Adapter kit (glass 8/10 mm) L=1900 | |
| | 3Q2005 | A10 Adapter kit (glass 8/10 mm) L=3200 | |
| | 3Q2006 | A10 Adapter kit (glass 8/10 mm) L=6500 | |
| | | Adapter for glass doors | |
|  | 3Q2030 | A10 Runner on floor kit and components for A10 Adapter (for 1 Glass panel) | |
| | | | |
|  | 3Q5001 | G60 Glass door adapter (glass 10 mm) L=1700 | |
| | 3Q5002 | G60 Glass door adapter (glass 10 mm) L=3400 | |
| | 3Q5003 | G60 Glass door adapter (glass 12 mm) L=1700 | |
| | 3Q5004 | G60 Glass door adapter (glass 12 mm) L=3400 | |
|  | 3Q5030 | G60 Runner on floor kit and components (for 1 Glass panel - glass 10 mm) | |
| | 3Q5031 | G60 Runner on floor kit and components (for 1 Glass panel - glass 12 mm) | |
|  | 3Q6001 | G38 Glass door adapter (glass 8 mm) L = 1500 mm | |
| | 3Q6002 | G38 Glass door adapter (glass 8 mm) L = 3000 mm | |
| | 3Q6003 | G38 Glass door adapter (glass 10 mm) L = 1500 mm | |
| | 3Q6004 | G38 Glass door adapter (glass 10 mm) L = 3000 mm | |
| | 3Q6005 | G38 Glass door adapter (glass 12 mm) L = 1500 mm | |
| | 3Q6006 | G38 Glass door adapter (glass 12 mm) L = 3000 mm | |
|  | | Includes: adapters, screws for glass fixing, seals, carriage fixing blocks | |
| | 3Q6030 | G38 End caps kit | |
| | | End caps + screws (for 1 panel) | |
| | 3Q6031 | G38 Runner on floor kit | |
|  | | (for 1 Glass panel - glass 10 mm) | |
| | 3Q6032 | Kit G38 Pattino per vetro da 12 | |
| | | (for 1 Glass panel - glass 12 mm) | |
| | | | |
|  | 3Q7001 | G82 / Z82 Fastener kit (glass 8 mm) L = 1500 mm | |
| | 3Q7002 | G82 / Z82 Fastener kit (glass 8 mm) L = 3000 mm | |
| | 3Q7003 | G82 / Z82 Fastener kit (glass 10 mm) L = 1500 mm | |
| | 3Q7004 | G82 / Z82 Fastener kit (glass 10 mm) L = 3000 mm | |
| | 3Q7005 | G82 / Z82 Fastener kit (glass 12 mm) L = 1500 mm | |
| | 3Q7006 | G82 / Z82 Fastener kit (glass 12 mm) L = 3000 mm | |
| | | Includes: adapters, screws for glass fixing, seals | |
| | | | |
|  | 3Q7030 | G82 End Caps Kit | |
| | | End caps, screws (for 1 panel) | |
| | 3Q7031 | Z82 Runner on floor kit and components | |
| | | Runner on floor, carriage fixing blocks (for 1 panel) | |
|  | 3Q7032 | G82 Runner on floor kit for glass 10 mm | |
| | 3Q7033 | G82 Runner on floor kit for glass 12 mm | |
| | | Runner on floor, carriage fixing blocks (for 1 panel) | |
|  | 8E1170 | Glass panel jamb gasket L=2500 | |
| | 8E1171 | Diverting seal for glass panels L=2500 | |
| | 8E1172 | Diverting seal for glass panels L=2200 | |
| | | | |
|  | 3Q3004 | S10 Profiles Kit - Silver L=1900 | |
| | 3Q3005 | S10 Profiles Kit - Silver L=3200 | |
| | 3Q3006 | S10 Profiles Kit - Silver L=6500 | |
| | | Adapter and track for framed doors and anti-panic system | |
|  | 3Q3030 | S10 Anti-panic system kit for active panels | |
| | | S10 Anti-panic system kit for 1 active panel | |
|  | 3Q3040 | S10 Anti-Panic System accessory kit for 1 Semi-Fixed panel | |
| | | | |

DS2

New digital program switch
with display and
user/installer
advanced functions



28

The DS2 digital selector allows you to programme all the user-installer functions directly from the digital selector.


User functions:

- User password (if enabled, the password is required to change the user functions).
- Hour ranges (i.e. exit function only from 19.45 to 20.00).
- Free wings (i.e. for door maintenance and cleaning).
- Alarms reset (i.e. in case of repeated obstacles and door lock, the reset clears all alarms and restarts the door).
- Courtesy light (i.e. connection to a light that switches on when the door opens).
- Working history (number of cycles performed, covered meters, number of radar activations, maintenance information, errors history).
- Back-light level setting in standby mode.

Installer functions:

- Installer password (if enabled, the password is required to change the installer functions).
- Speed, acceleration, braking and approach speed.
- Partial and automatic reclosing time.
- Closing tightness.
- Electric lock activation mode and logic (i.e. it could be activated in exit only mode).
- Partial opening value.
- Battery setting (i.e. the door closes in case of power outage on mains).
- Interlock.
- Multiple doors numbering (4 automations can be connected to the same switch).
- Pharmacy mode.
- Output for air curtains.
- Input for fire alarm.
- Inputs/outputs diagnostic.
- Reset.

DS2 digital program switch with display and user/installer advanced functions

| | Code | Product description |
|---|--------|---|
|  | 8E1034 | DS2 digital program switch with display and user/installer advanced functions - white |
| | 8E1035 | DS2 digital program switch with display and user/installer advanced functions - black |



ACCESSORIES

| | Code | Product description |
|---|--------|--|
|  | 8E1011 | IS1 Infrared active sensor - Black |
| | 8E1013 | IS1 Infrared active sensor - Silver |
|  | 8E1704 | IS2 Activation and safety infrared sensor (in compliance with EN16005 and DIN 18650) Black |
| | 8E1705 | IS2 Activation and safety infrared sensor (in compliance with EN16005 and DIN 18650) Grey |
| | 8E1702 | IS5 Infrared sensor for lateral safety (in compliance with EN16005 and DIN 18650) Black |
| | 8E1703 | IS5 Infrared sensor for lateral safety (in compliance with EN16005 and DIN 18650) Grey |
|  | 8E1009 | IS3 Built-in infrared active sensor - Black |
|  | 8E1027 | IS4 Infrared active sensor for M1 automation- White |
| | 8E1075 | WS2 microwave radar for M1 automation - White |
|  | 8E1016 | WS1 Volumetric microwave radar |
|  | 8E1034 | DS2 digital program switch with display End user/installer advanced functions - white |
| | 8E1035 | DS2 digital program switch with display End user/installer advanced functions - black |
|  | 8E1030 | MS1 Control functions selector |
|  | 8E1050 | TS1 4-functions remote control selector (open, close, exit only mode, automatic mode) for Plug&Play automation |
|  | 8E1052 | TS2 8-functions remote control selector for Plug&Play automation |



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| 8E1060 | F1 Single range photocell kit |
| 8E1061 | F2 Double range photocell kit |



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| 8E1081 | KC1 Opening systeme with key |
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| 8E1091 | PU1 Ultra-flat activation push pad |
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| 8E1150 | HS1 External gesture activation key |
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| 8E1710 | Electronic keypad |
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| 8E1160 | LED lamp kit 24V L=1200 |
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| 8E1100 | K140 / K200 panel locking system with intergrated manual unlocking |
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| 8E1101 | K280 panel locking system with intergrated manual unlocking |
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| 8E1112 | Panel simultaneous locking kit |
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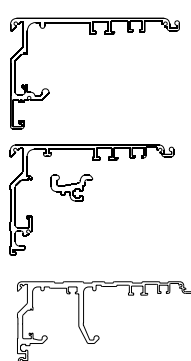
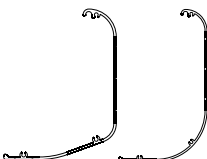
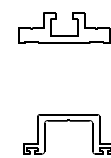
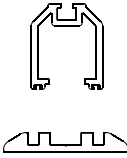
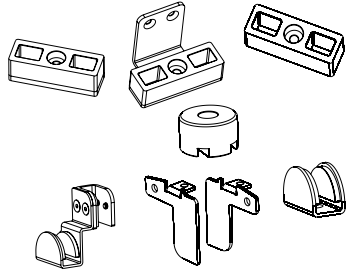
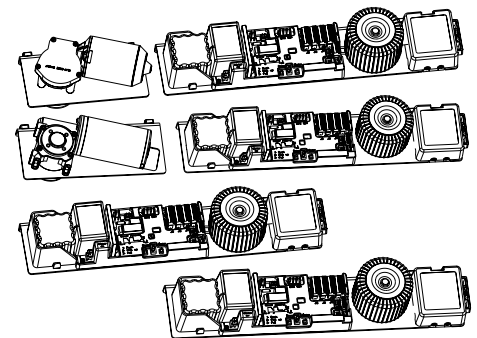


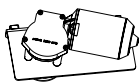
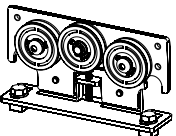
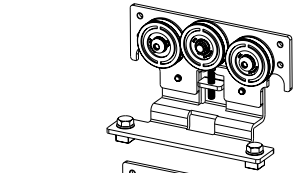
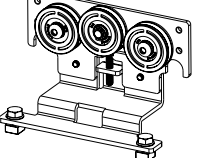
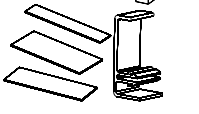





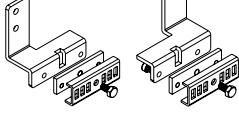
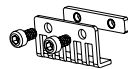

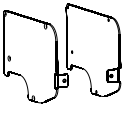

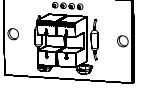



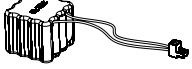

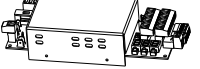
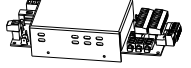
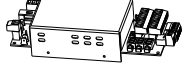
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|--------|--|
| 8E1064 | Photocell accessory kit for anti-panic system silver (to combine with F1 photocells) |
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| 8E1110 | Extra panel unlocking system with knob |
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SPARE PARTS

| | Code | Product description |
|---|--------|---|
|  | 8E1306 | K140 - K200 Main Beam L=3100 Silver |
| | 8E1307 | K140 - K200 Main Beam L=4400 Silver |
| | 8E1308 | K140 - K200 Main Beam L=6500 Silver |
| | 8E1316 | K280 Main Beam L=3100 Silver |
| | 8E1317 | K280 Main Beam L=4400 Silver |
| | 8E1318 | K280 Main Beam L=6500 Silver |
| | 8E1319 | K280 Wheel glide profile L=3100 Silver |
| | 8E1320 | K280 Wheel glide profile L=4400 Silver |
| | 8E1321 | K280 Wheel glide profile L=6500 Silver |
| | 8E1325 | K200T - 280T Main Beam Kit L=3100 Silver |
| | 8E1327 | K200T - 280T Main Beam Kit L=6500 Silver |
|  | 8E1300 | K140 - K200T - K280T - Mechanism Box L=3100 Silver |
| | 8E1301 | K140 - K200T - K280T - Mechanism Box L=4400 Silver |
| | 8E1302 | K140 - K200T - K280T - Mechanism Box L=6500 Silver |
| | 8E1310 | K280 - Mechanism Box L=3100 Silver |
| | 8E1311 | K280 - Mechanism Box L=4400 Silver |
| | 8E1312 | K280 - Mechanism Box L=6500 Silver |
|  | 8E1365 | T10 - Adapter kit for framed panels L=1900 Silver |
| | 8E1369 | T10 - Adapter kit for framed panels L=3200 Silver |
| | 8E1361 | T10 - Adapter kit for framed panels L=6500 Silver |
| | 8E1366 | T10 - Track kit for framed panels L=1900 Silver |
| | 8E1370 | T10 - Track kit for framed panels L=3200 Silver |
| | 8E1362 | T10 - Track kit for framed panels L=6500 Silver |
|  | 8E1294 | S10 - Adapter kit for anti-panic system L=1900 Silver |
| | 8E1286 | S10 - Adapter kit for anti-panic system L=3200 Silver |
| | 8E1290 | S10 - Adapter kit for anti-panic system L=6500 Silver |
| | 8E1295 | S10 - Track kit for anti-panic system L=1900 Silver |
| | 8E1287 | S10 - Track kit for anti-panic system L=3200 Silver |
| | 8E1291 | S10 - Track kit for anti-panic system L=6500 Silver |
|  | 3Q1030 | T10 Runner on floor kit for framed panel – Linear door |
| | 8E1373 | K200T-K280T Runner on floor kit – Telescopic door (fast and slow panels) |
| | 0B4507 | S10 - Runner on floor for anti-panic door operator |
| | 8E1234 | S10 - Lower pivot with spring for anti-panic door operator |
| | 1T6004 | A10 - G60 - G38 - G82 Runner kit on floor for glass panels (1 wing) |
| | 1T6003 | A10 - Fastener components kit for glass panels |
| | 1T6005 | A10 - Fastener components kit for glass panels (Clear passage width>2000) |
| | 1T6075 | K200T-K280T Runner on floor kit for fast glass panel |
|  | 8E1600 | K140 Motor unit Includes Gearmotor, Electronic board, Transformer, Emergency battery. |
| | 8E1602 | K200 - K280 Motor unit Includes Gearmotor, Electronic board, Transformer, Emergency battery. |
| | 8E1650 | K140 Electronic parts kit Includes Electronic board, Transformer, Emergency battery |
| | 8E1652 | K200 - K280 Electronic parts kit Includes Electronic board, Transformer, Emergency battery |

| | | |
|---|--------|---|
|  | 8E1610 | K140 Reduction gearbox kit 24V 45W |
| | 8E1611 | K200 - K280 Reduction gearbox kit 24V 60W |
|  | 8E1500 | K140 - K200 Carriage kit |
| | 8E1501 | K280 Carriage kit |
|  | 8E1502 | K200T - K280T Carriage unit for slow panel - Profile 40÷45 |
| | 8E1503 | K200T - K280T Carriage unit for fast panel - Profile 30÷35 |
|  | 8E1504 | K200T - K280T Carriage unit for slow panel - Profile 30÷35 |
| | 8E1505 | K200T - K280T Carriage unit for fast wing - Profile 20÷25 |
|  | 8E1506 | K200T - K280T Carriage unit for slow wing - Profile 20÷25 |
| | 8E1474 | K140 - K200 Main beam raceway kit |
|  | 8E1475 | K280 - Main beam raceway kit |
| | 8E1477 | Main beam spare parts |
|  | 8E1186 | Main beam aluminium raceway kit |
|  | 8E1476 | Belt/carriage transmission bracket |
|  | 8E1471 | Belt connector unit for 1 panel |
|  | 8E1472 | Tension adjustment belt kit |
|  | 8E1478 | K200T - K280T Belt connector kit for 1 slow panel (right) |
| | 8E1479 | K200T - K280T Belt connector kit for 1 slow panel (left) |
|  | 8E1480 | K200T - K280T Belt connector kit to the main beam (for 1 slow panel) |
|  | 8E1486 | K200T - K280T Accessories for opening inversion (from left to right) |
| | 8E1487 | K200T - K280T Accessories for opening inversion (from right to left) |
|  | 8E1381 | K140 - K200 Black caps set (2pcs) |
| | 8E1384 | K280 Black caps set (2pcs) |
| | 8E1387 | K200T - K280T Black caps set (2pcs) |
|  | 8E1620 | Belt transmission unit with encoder |
|  | 8C5001 | Encoder |
|  | 8E1470 | Safety door stop limit switch (2pcs) |
|  | 8E1458 | F1-F2 Photocells kit (without electronic board) |
| | 8E1459 | Electronic board for F1-F2 photocells |
|  | 8E1640 | Filter electronic kit |
|  | 8E1645 | Emergency battery pack |
|  | 8E0224 | K200 - K280 Toroidal transformer 150VA |
|  | 8E1630 | K140 - Electronic board |
|  | 8E1631 | K200 - K280 Electronic board |
|  | 8E1481 | Ferrite |



