PERFORMING

Efficiency

Practical: all the advantages of automatic operation of a sliding pedestrian entrance.
Efficient: Ditec ALU48 opens and closes quickly, reducing energy losses to a minimum for air-conditioned environments.
Convenient: facilitates passage offering maximum comfort.

Safety

Guaranteed access control.
Ditec ALU48 has passed the most stringent tests (TÜV) to guarantee every possible safety precaution, thanks to its special ergonomic design.
The system is fitted with approved devices to guarantee safe evacuation via emergency exits.
Total conformity with current standards (EN 16005 and DM).

Sturdiness

Structure suitable for supporting heavy wings and large frames for the creation of particularly spacious entrances.
The shape of the profiles, with specially designed labyrinth structure, offers excellent mechanical resistance and high-performance seal, also enabling the use of sophisticated locks.

System for Ditec ALU48 frames

Frames for sliding automatic entrances

Ditec ALU48 frames are the best functional and technical choice, supported by decades of experience in the field, to the benefit of our customers.
The wide range of solutions offered allows Ditec ALU48 frames to be fitted in any architectural context, embedding the entrance with elegance and harmony in compliance with the strictest Standards and European Directives.

The basic concepts that characterise our systems for frames are:

- complete simplicity of production and assembly supported by detailed technical manuals, software, configurators and a wide selection of tables and technical charts
- complete simplicity of installation, described with step-by-step instructions
- safety certified and guaranteed by the most qualified European authority (TÜV).

Full range of frames for available entrance types:

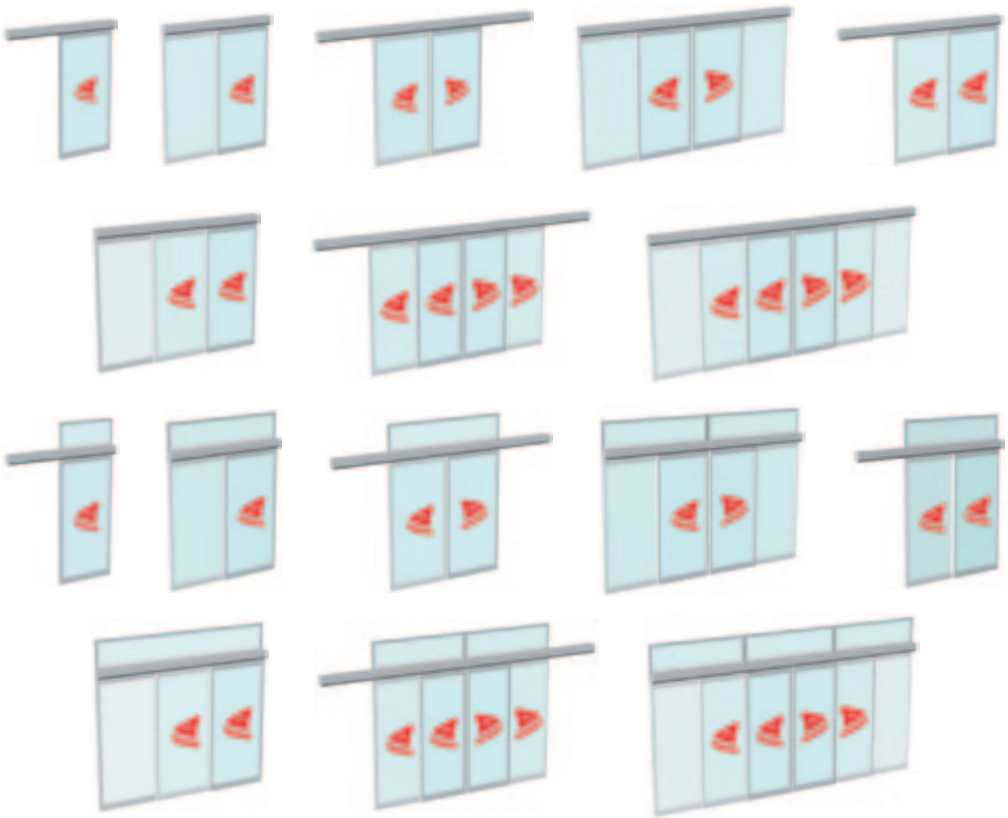
- sliding doors with 1 or 2 wings, up to 4 telescopic wings
- doors fitted with reliable devices which allow the mechanical breakout of the wings simply by applying pressure, guaranteeing safe evacuation in case of fire.

The solutions offered

There are 2 variants available:

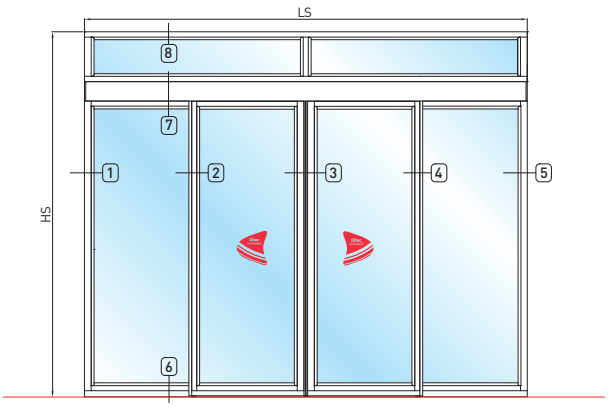
1. **Components for frames:** profiles (mill finish or anodised in natural colour), accessories and seals, complete with manuals, software and technical specifications for complete production of entrances. Production, assembly and installation by the customer
2. **Pre-assembled frames:** custom finished, in the colour requested, and assembled, complete with glass and all the components, with instructions for installation by the customer

Examples of types available



Solutions for straight sliding frames
Ditec ALU48 STD Series

Table



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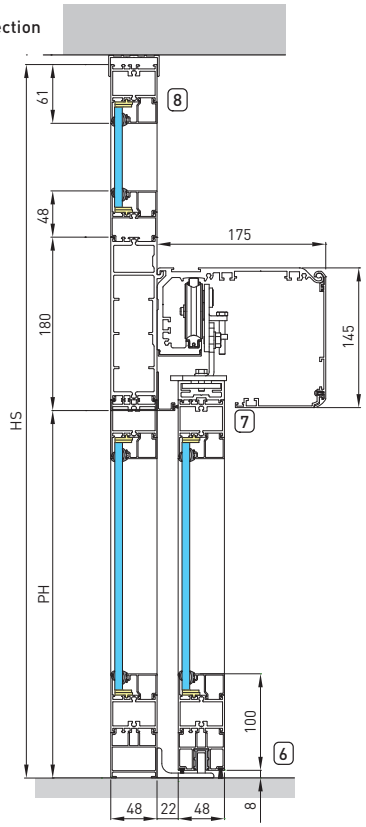
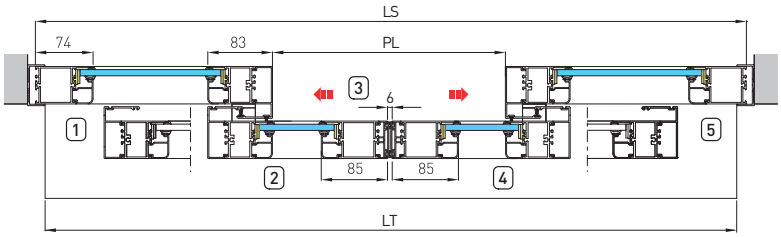
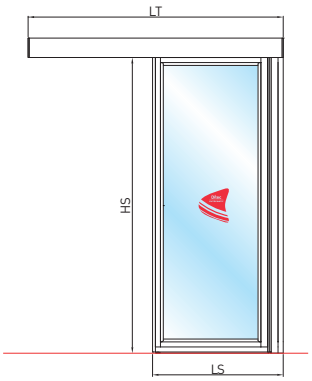
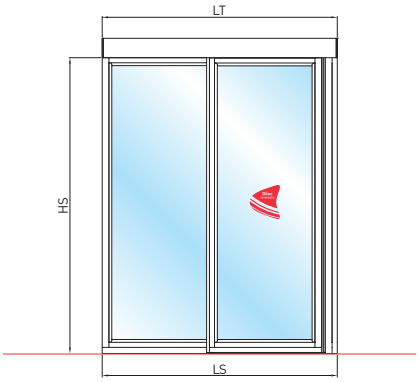
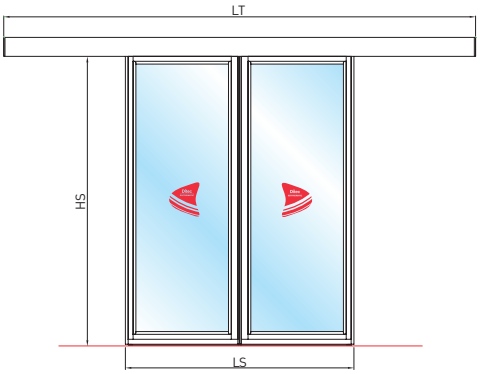


Horizontal section

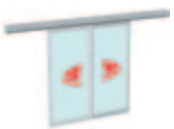
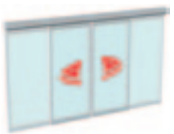








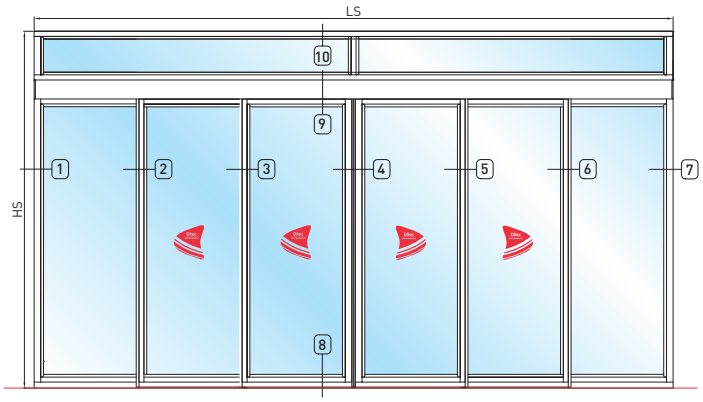
Sliding openings - Applications

Type	DITEC profiles series	Size	ALU48 STD
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 1 wing	mm mm mm mm mm kg	from 900 to 1500 up to 3000 from 870 to 1470 up to 3000 min. 1930* from 100 to 150**
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 1 wing	mm mm mm mm mm kg	from 1900 to 3000 up to 3000 from 900 to 1450 up to 3000 min. 1960* from 100 to 150**
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 2 wings	mm mm mm mm mm kg	from 1900 to 3000 up to 3000 from 1870 to 2970 up to 3000 min. 3930* from 140 to 300**
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 2 wings	mm mm mm mm mm kg	from 2000 to 6000 up to 3000 from 900 to 2900 up to 3000 min. 2100* from 140 to 300**

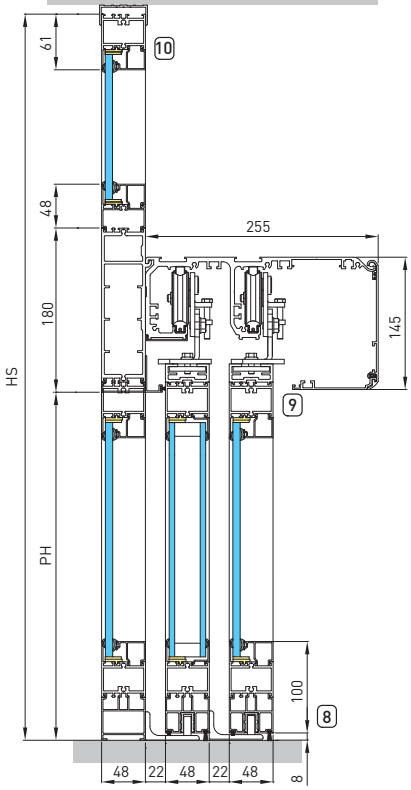
Key: * max. length 6600 mm ** based on automation system selected

Solutions for telescopic sliding frames
Ditec ALU48 TEL Series

Table



Vertical section



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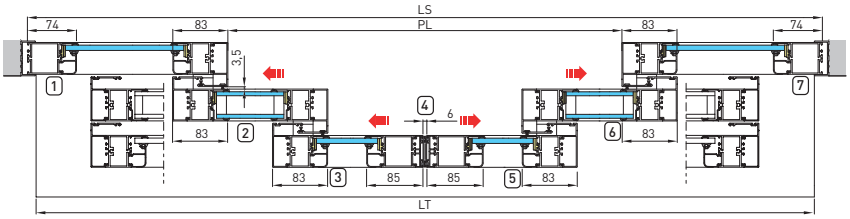
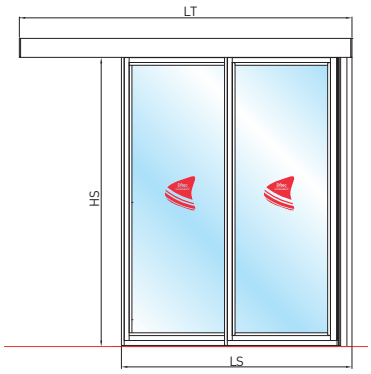
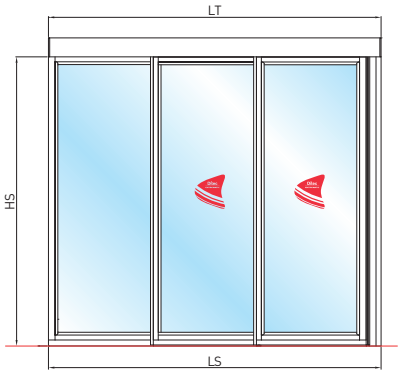
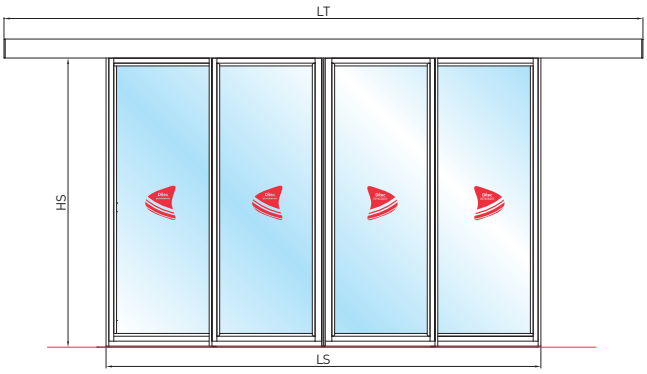
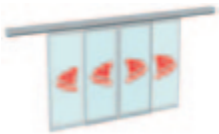
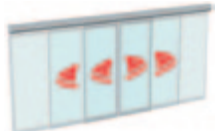








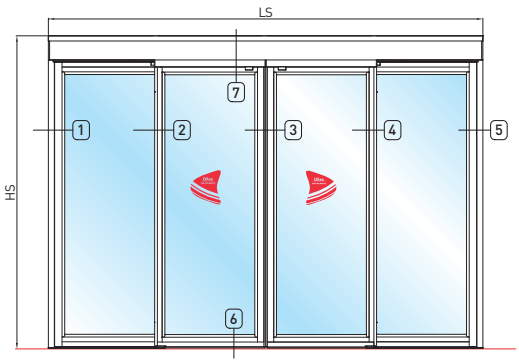
Sliding openings - Applications

Type	DITEC profiles series	Size	ALU48 TEL
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 1+1 wing	mm mm mm mm mm kg	from 1000 to 2500 up to 3000 from 870 to 2470 up to 3000 min. 1650* 200
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 1+1 wing	mm mm mm mm mm kg	from 1600 to 3900 up to 3000 from 1000 to 2530 up to 3000 min. 1660* 200
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 2+2 wings	mm mm mm mm mm kg	from 1600 to 3600 up to 3000 from 1570 to 3570 up to 3000 min. 2550* 260
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height LT = casing length Max. weight 2+2 wings	mm mm mm mm mm kg	from 2800 to 5700 up to 3000 from 1730 to 3670 up to 3000 min. 2760* 260

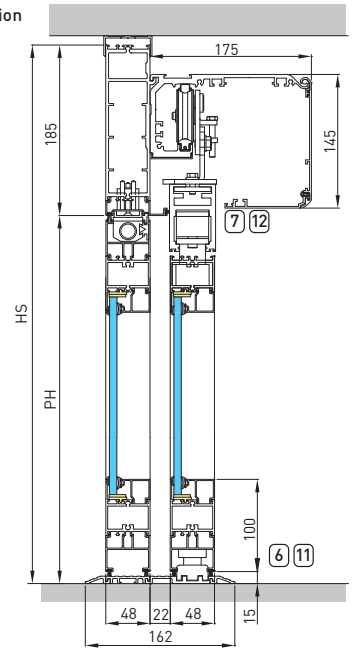
Key: * max. length 6600 mm

Anti-panic breakout devices for escape routes
Ditec ALU48 TBO Series

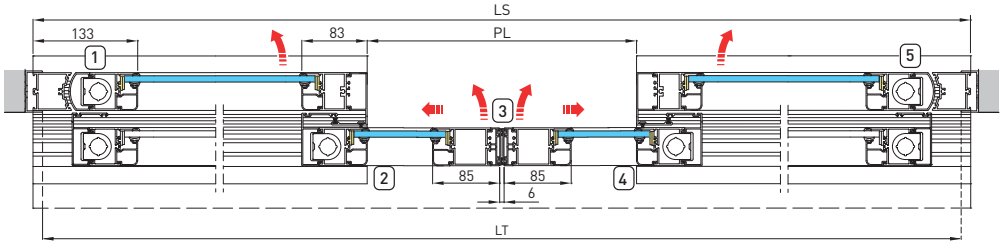
Table

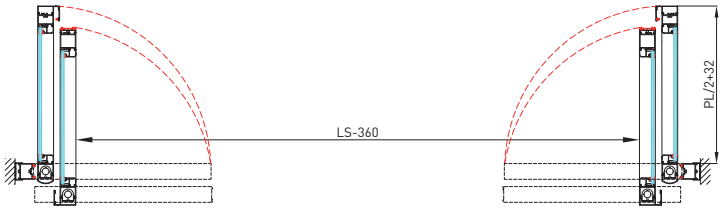


Vertical section



Horizontal section





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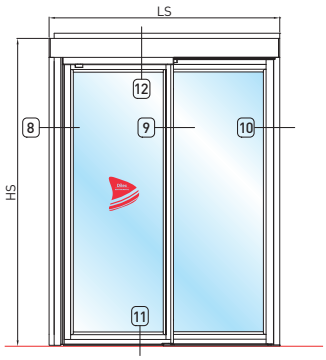

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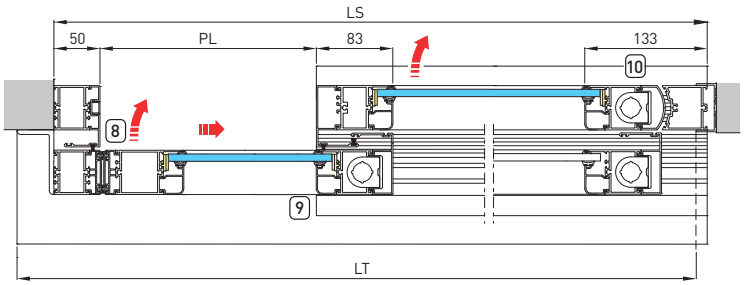
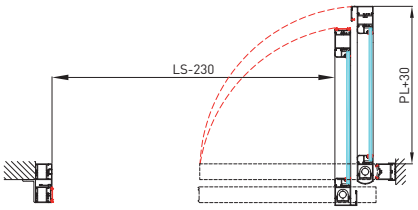




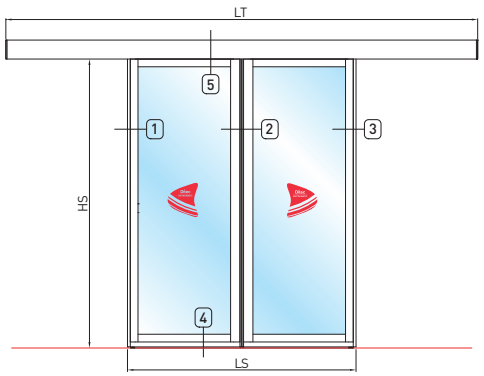
Sliding openings - Applications

Type	DITEC profiles series	Size	ALU48 TBO
	Approved Systems with Anti-Panic Breakout for Escape Routes		
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height SL = anti-panic exit width SH = anti-panic exit height LT = casing length Max. weight 1 wing Weight side semi-fixed element max.	mm mm mm mm mm mm mm kg kg	from 2050 to 2800 up to 2510 from 940 to 1310 up to 2460 from 1820 to 2780 min. 2410 min. 2070* up to 120 110
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height SL = anti-panic exit width SH = anti-panic exit height LT = casing length Max. weight 2 wings Weight side semi-fixed element max.	mm mm mm mm mm mm mm kg kg	from 2300 to 2500 up to 2510 from 1020 to 2370 up to 2460 from 1940 to 4640 min. 2410 min. 2270* up to 240 110/each
	TÜV Certification		Cert. No. G586 and G599

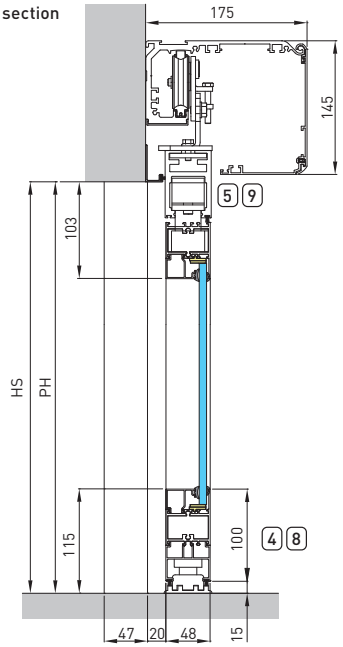
Key: * max. length 6600 mm

Anti-panic breakout devices for escape routes
Ditec ALU48 RBO Series

Table



Vertical section



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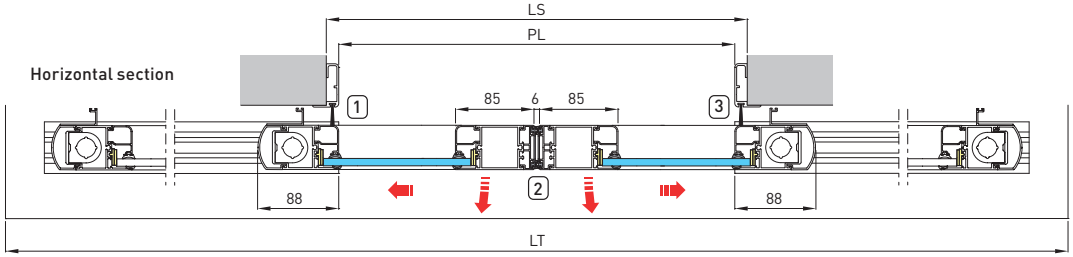

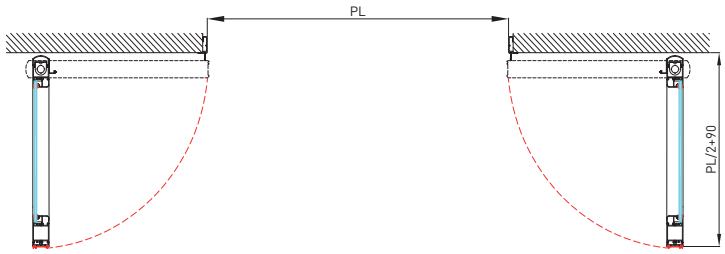

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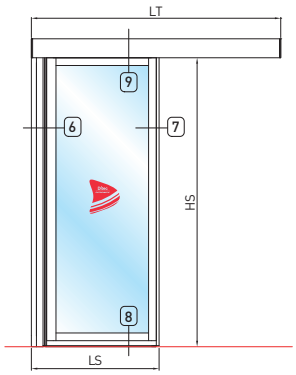
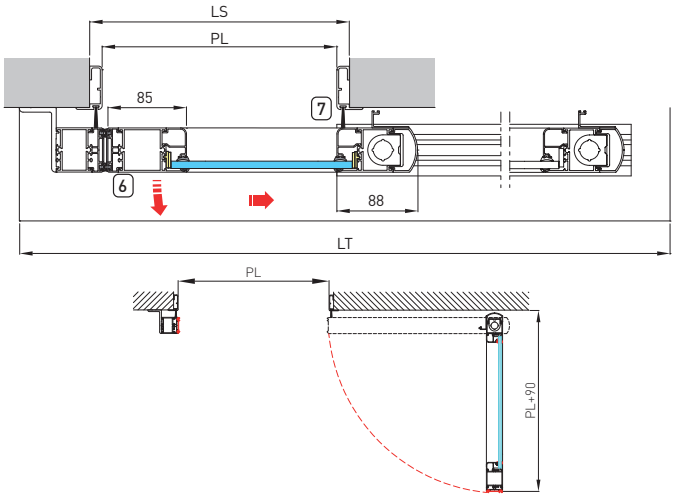


Horizontal section



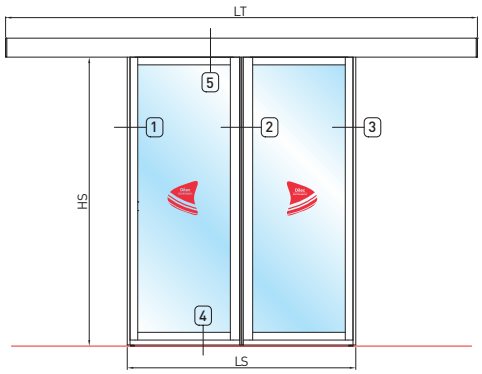
Sliding openings - Applications

Type	DITEC profiles series	Size	ALU48 RBO	ALU48 SBO
	Approved Systems with Anti-Panic Breakout for Escape Routes			
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height SL = anti-panic exit width SH = anti-panic exit height LT = casing length Max. weight 1 wing	mm mm mm mm mm mm mm kg	from 930 to 1340 up to 2450 from 900 to 1310 up to 2450 from 900 to 1310 min. 2400 min. 2010* up to 120	from 980 to 1440 up to 2460 from 940 to 1420 up to 2375 from 950 to 1390 min. 2335 min. 2050* up to 120
	LS = frame width HS = frame height PL = passage-space width PH = passage-space height SL = anti-panic exit width SH = anti-panic exit height LT = casing length Max. weight 2 wings	mm mm mm mm mm mm mm kg	from 930 to 2430 up to 2450 from 900 to 2400 up to 2450 from 900 to 2430 min. 2400 min. 2020* up to 240	from 1040 to 2430 up to 2460 from 1010 to 2400 up to 2385 from 900 to 2290 min. 2335 min. 2120* up to 240
	TÜV Certification		Cert. No. G586 and G599	Cert. No. G585 and G598

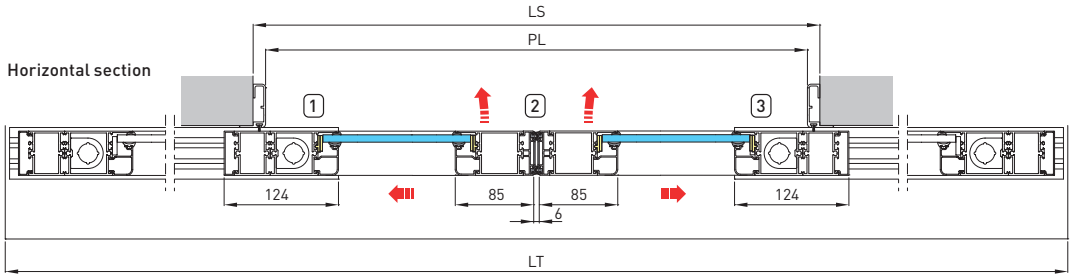
Key: * max. length 6600 mm

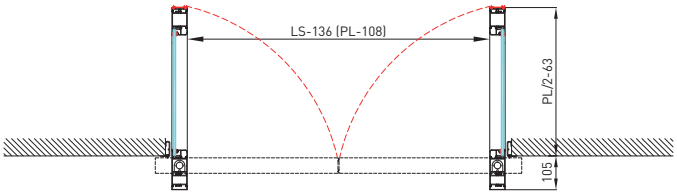
Anti-panic breakout devices for escape routes
Ditec ALU48 RBO Series

Table

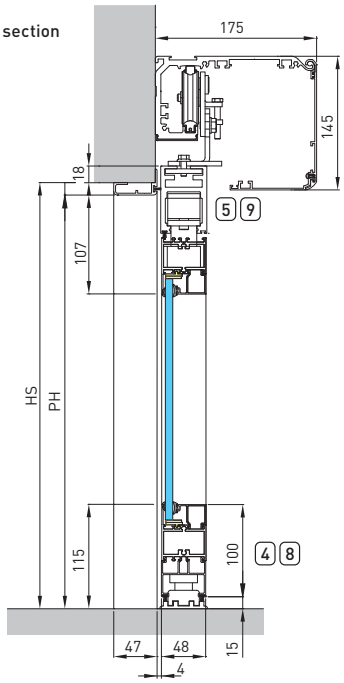


Horizontal section





Vertical section



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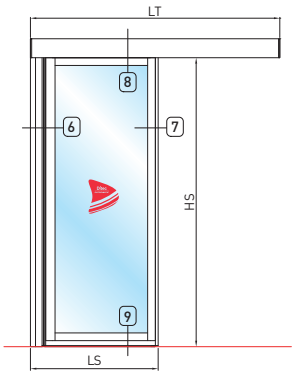
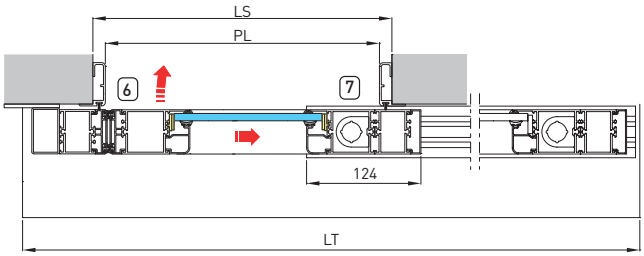
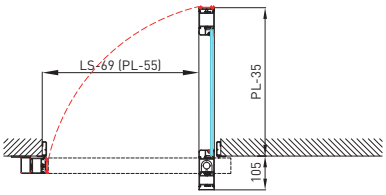


Horizontal section





When building the system, only use Ditec accessories and safety devices.
Every Ditec automation features CE marking and is designed and built in compliance with the safety requirements of the Machinery Directive (2006/42/EC), of the Electromagnetic Compatibility Directive (2004/108/EC) and of the Low Voltage Directive (2006/95/EC) and of other Directives, laws, specific standards for special products and situations.
The Company reserves the right to make changes which may improve the products.
For this reason, the technical details given are not binding.
Pictures were taken with the consent of those concerned or in public locations.
Further information can be found in the Technical Manuals available at the website: **www.ditecentrematic.com**

ENTREMATIC

CE

ICIM
ISO 9001
Cert. n. 0957

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