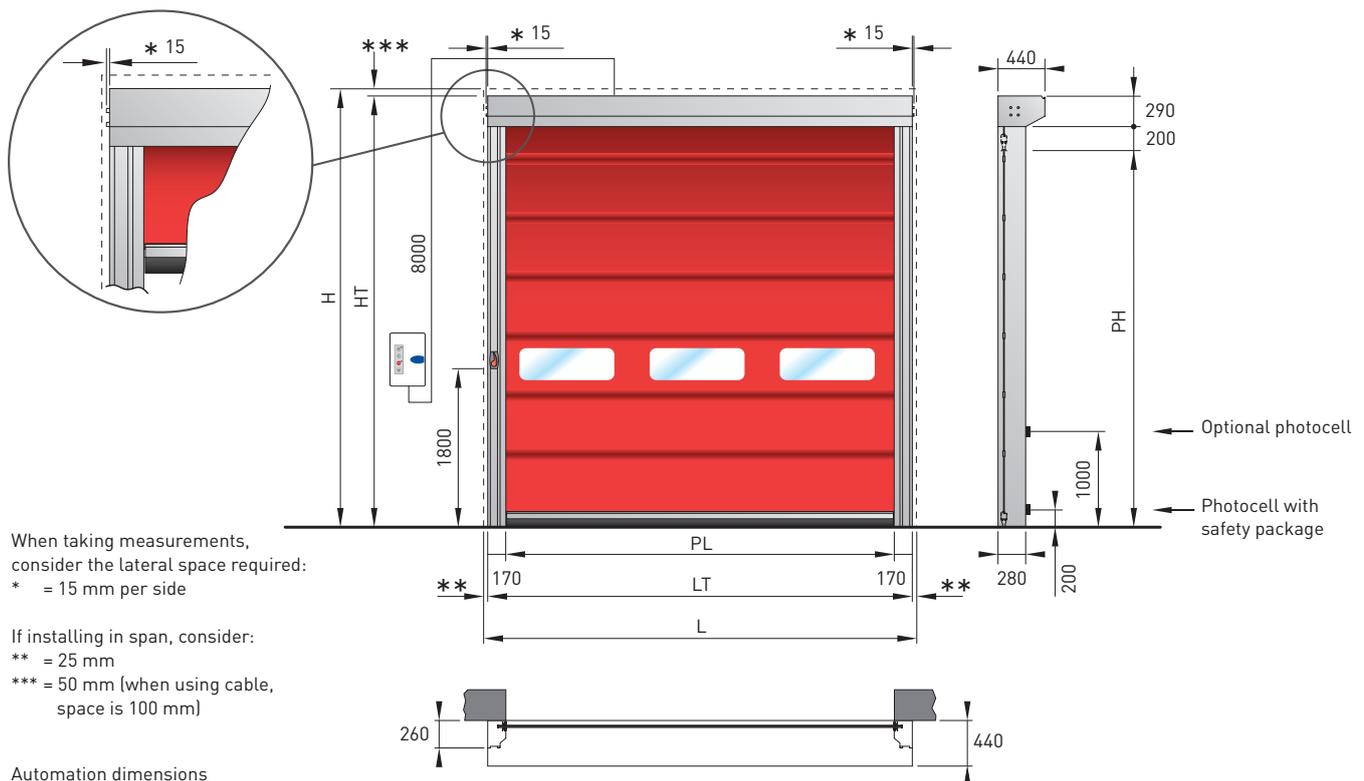


# DITEC SECTOR PLUS

## Technical datasheet



When taking measurements, consider the lateral space required:  
\* = 15 mm per side

If installing in span, consider:  
\*\* = 25 mm  
\*\*\* = 50 mm (when using cable, space is 100 mm)

### Automation dimensions

	Min	Max
PL	900	6000
PH	1700	6000

### Key

L = Width side wall      LT = Automation full width      PL = Horizontal opening  
H = Height side wall      HT = Automation full height      PH = Vertical opening

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## Technical datasheet

TECHNICAL SPECIFICATIONS	
Dimensions	Max. PL 6000 x PH 6000 mm Min. PL 900 x PH 1700 mm
Power supply	400 V 3-phase 10 A for single speed version 230 V single-phase 16 A for INVERTER <sup>motion</sup> Frequency: 50/60 Hz Power of motor 0,9 kW Max. current for 24 Vdc accessories: 0,5 A IP degree for control board: IP55
Opening speed	Single speed version: opening and closing at 1,0 m/s INVERTER <sup>motion</sup> version : opening up to 1,5 m/s - closing up to 0,8 m/s
Service level	Life cycles : 1.000.000 - very heavy duty Number of operations: 600 cycles/day - max 120 cycles/hour
Extra features	Manual opening: semi-automatic by counterweights operated from ground by release lever; available on both sides (optional). Frame: standard in hot galvanised steel. Optional AISI 304 stainless steel bright finishing or smooth finish oven-baked epoxy coating
Recommended operating temperature	Motor + control board: - 5°C ÷ + 50°C Curtain: - 5°C ÷ + 50°C The limit of - 5°C is related to the PVC transparent windows and/or modular sections. For further details on the use in cold environments, please contact your Ditec technical or sales support.

CURTAIN TECHNICAL SPECIFICATIONS																					
Type of material	Polyester fabric PVC coated on both sides. Availability of transparent PVC windows.																				
Polyester thickness & weight	Standard : 0,7 mm - 900 g/m <sup>2</sup> Optional 1,0 mm - 1300 g/m <sup>2</sup>																				
Modular sections	900 g/m <sup>2</sup> polyester and/or clear PVC 2 mm thick																				
Horizontal reinforcements	For full curtain: galvanised steel pipes. For modular sections: anodized aluminum profiles.																				
Thermal resistance coefficient	5,8 W/m <sup>2</sup> K - optional 5,5 W/m <sup>2</sup> K																				
Noise reduction	~ 12dB.																				
Windows	Clear PVC 1 mm, 980 x H 300 mm, in a single or double row on a full curtain																				
Available colours standard curtain & modular sections	Similar to: <table style="display: inline-table; vertical-align: middle;"> <tr> <td>Red RAL 3000</td> <td></td> <td>Blue RAL 5010</td> <td></td> </tr> <tr> <td>Orange RAL 2004</td> <td></td> <td>Grey RAL 7038</td> <td></td> </tr> <tr> <td>Yellow RAL 1021</td> <td></td> <td>Green RAL 6026</td> <td></td> </tr> <tr> <td>Cream RAL 1014</td> <td></td> <td>White RAL 9010</td> <td></td> </tr> <tr> <td>Light blue RAL 5012</td> <td></td> <td>Black RAL 9005</td> <td></td> </tr> </table>	Red RAL 3000		Blue RAL 5010		Orange RAL 2004		Grey RAL 7038		Yellow RAL 1021		Green RAL 6026		Cream RAL 1014		White RAL 9010		Light blue RAL 5012		Black RAL 9005	
Red RAL 3000		Blue RAL 5010																			
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Cream RAL 1014		White RAL 9010																			
Light blue RAL 5012		Black RAL 9005																			
Available colours optional curtain	Yellow RAL 1004  Grey RAL 7046 																				

STANDARDS AND CERTIFICATES	
Wind resistance class	EN 12424 (test EN 12444) : For full curtain: class 2 : PL ≤ 2250 x PH 5200 mm class 1 : 2250 mm < PL ≤ 2750 mm x PH 5200 mm class 0 : PL > 2750 mm x PH ≤ 6000 mm
Air permeability	EN 12426 (test EN 12427) : NPD
Water permeability	EN 12425 (test EN 12489) : NPD
Closing door safety devices	EN 12453 (test EN 12445) : TOP Safety Pack: Self-testing SOF safety bottom edge + IP55 photocells TOP T Safety Pack: IP67 sequential infra-red light barrier
Available Certifications	certificate n° DE/3627/10, Notified Laboratory n° 0497

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Disclaimers:

For a correct use of our products, please refer to our manual. Everything that is mentioned in this brochure is only valid under the terms of use in the user manual and on condition that the door was properly installed and maintained and has not undergone abuse nor neglect.

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