

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	5000

	CL	
PH	INVERTER	400V
≤ 3000	3000	6000
> 3000	6000	

#### Key







































L = Width side wall  
 H = Height side wall

LT = Automation full width  
 HT = Automation full height

PL = Horizontal opening  
 PH = Vertical opening

## Ditec Sector Reset

### Technical datasheet

TECHNICAL SPECIFICATIONS		CURTAIN TECHNICAL SPECIFICATIONS																									
<b>Dimensions</b>	Max. PL 6000 x PH 5000 mm Min. PL 900 x PH 1700 mm	<b>Type of material</b>	Standard, Non-tear and Food curtain: polyester fabric PVC coated on both sides. Insulated curtain: polyester fabric PVC coated on one side and foamed on the other. Double insulated: as previous one, but with foamed side covered with an additional layer of standard polyester PVC-coated curtain.																								
<b>Power supply</b>	400 V 3-phase 10 A for single speed version 230 V single-phase 16 A for INVERTER <i>motion</i> 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	<b>Material thickness and weight</b>	Standard curtain: 0,7 mm - 900 g/m <sup>2</sup> Non-tear: 1,0 mm - 1300 g/m <sup>2</sup> Insulated: 3,5 mm - 1300 g/m <sup>2</sup> Double-insulated: 4,2 mm - 2200 g/m <sup>2</sup> Food curtain: 0,5 mm - 700 g/m <sup>2</sup>																								
<b>Opening speed</b>	Single speed version: opening and closing at 1,0 m/s INVERTER <i>motion</i> version : opening up to 3 m/s - closing up to 0,8 m/s	<b>Vertical reinforcement strips</b>	Clear PVC. Not applicable on insulated and double insulated curtain.																								
<b>Service level</b>	Life cycles : 1.000.000 - very heavy duty Number of operations: 600 cycles/day - max 120 cycles/hour	<b>Thermal Transmittance coefficient</b>	Standard: 5,8 W/m <sup>2</sup> K Non-tear: 5,5 W/m <sup>2</sup> K Insulated and Double insulated: 4,0 W/m <sup>2</sup> K																								
<b>Extra features</b>	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	<b>Noise reduction</b>	~ 12dB. Insulated: 17,5 dB																								
<b>Recommended operating temperature</b>	Motor + control board: - 5°C ÷ + 50°C Curtain: - 5°C ÷ + 50°C The limit of - 5°C is related to the PVC transparent windows. For further details on the use in cold environments, please contact your Ditec technical or sales support.	<b>Windows</b>	clear PVC 1 mm, available: 980 x H 300 or 920 x H 1600 mm or full width x H920 Not applicable on double insulated curtain																								
		<b>Available colours standard curtain</b>	Similar to: <table border="0"> <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> <tr> <td>Dark grey RAL 7024</td> <td></td> <td></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		Dark grey RAL 7024			
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		<b>non-tear curtain</b>	Yellow RAL 1004  Grey RAL 7046 																								
		<b>insulated and double insulated curtain</b>	Blue RAL 5002  Grey RAL 7038 																								
		<b>food curtain</b>	White RAL 9016 																								

STANDARDS AND CERTIFICATES	
<b>Wind resistance class</b>	EN 12424 (test EN 12444) : class 3 with optional SOW for all dimensions class 2 : PL ≤ 3000 mm x PH 5000 mm class 1 : 3000 mm < PL ≤ 4750 mm x PH 5000 mm class 0 : 4750 < PL ≤ 6000 mm x PH 5000 mm
<b>Air permeability</b>	EN 12426 (test EN 12427) : NPД
<b>Water permeability</b>	EN 12425 (test EN 12489) : NPД
<b>Closing door safety devices</b>	EN 12453 (test EN 12445) : TOP Safety Pack: Self-testing SLE Safety Linear Encoder* + built-in IP67 photocells TOP T Safety Pack: Self-testing SLE Safety Linear Encoder* + IP65 sequential infra-red light barrier
<b>Available Certifications</b>	certificate n° DE/3627/10, Notified Laboratory n° 0497

\* SLE - Safety Linear Encoder is a Ditec Entrematic patented system

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