



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	
Dimensions	Max. PL 6000 x PH 5000 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 INVERTERmotion 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 INVERTERmotion version : opening up to 3 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. For further details on the use in cold environments, please contact your Ditec technical or sales support.

CURTAIN TECHNICAL SPECIFICATIONS													
Type of material	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.												
Material thickness and weight	Standard curtain: 0,7 mm - 900 g/m ² Non-tear: 1,0 mm - 1300 g/m ² Insulated: 3,5 mm - 1300 g/m ² Double-insulated: 4,2 mm - 2200 g/m ² Food curtain: 0,5 mm - 700 g/m ²												
Vertical reinforcement strips	Clear PVC. Not applicable on insulated and double insulated curtain.												
Thermal Transmittance coefficient	Standard: 5,8 W/m ² K Non-tear: 5,5 W/m ² K Insulated and Double insulated: 4,0 W/m ² K												
Noise reduction	~ 12dB. Insulated: 17,5 dB												
Windows	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												
Available colours standard curtain	Similar to: <table border="0"> <tr> <td>Red RAL 3000</td> <td>Blue RAL 5010</td> </tr> <tr> <td>Orange RAL 2004</td> <td>Grey RAL 7038</td> </tr> <tr> <td>Yellow RAL 1021</td> <td>Green RAL 6026</td> </tr> <tr> <td>Cream RAL 1014</td> <td>White RAL 9010</td> </tr> <tr> <td>Light blue RAL 5012</td> <td>Black RAL 9005</td> </tr> <tr> <td>Dark grey RAL 7024</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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non-tear curtain	Yellow RAL 1004 Grey RAL 7046												
insulated and double insulated curtain	Blue RAL 5002 Grey RAL 7038												
food curtain	White RAL 9016												

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STANDARDS AND CERTIFICATES	
Wind resistance class	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
Air permeability	EN 12426 (test EN 12427) : NP
Water permeability	EN 12425 (test EN 12489) : NP
Closing door safety devices	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
Available Certifications	certificate n° DE/3627/10, Notified Laboratory n° 0497

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

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