

Ditec Smart Plus

Roll fast action door with full or modular-section curtain

Smart Plus combines roll-up doors technology cleverly applied to high-speed doors, now also available with a new drive unit which allows larger doors to be made; very compact and easily adaptable to any context.

Simple, fast and extremely compact, the product features a flexible full curtain or a **modular-section curtain** and all original DITEC safety accessories.

Possibility of applying the **INVERTERmotion** device for differentiated adjustment of opening and closing speeds, as well as guaranteeing high performance.



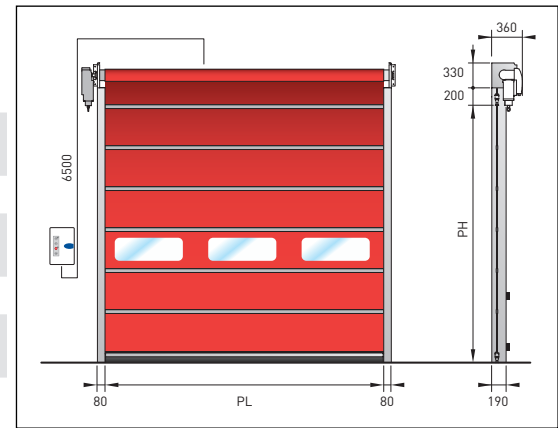
Product specifications

EN

Ditec Smart Plus

Door Technical Information

Dimensions max	PL 6000 x PH 6000 mm
Dimensions 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 supply	50/60 Hz
Power of motor - up to door size and/or curtain configuration	0,6 kW for K22 gear motor 0,75 kW for K26 gear motor
Max current for 24 Vdc accessories	0,5 A
Opening speed	0,8 m/s for single speed version up to 1,5 m/s for INVERTERmotion version
Closing speed	0,8 m/s for single speed version up to 0,8 m/s for INVERTERmotion version
IP degree for control board	IP55
Wind resistance class - EN 12424 (test EN 12444)	class 2 ≤ PL 2250 x PH 4200 mm class 1 > PL 2250 ≤ PL 2750 x PH 5200 mm class 0 ≤ PL 6000 x PH 5000 mm
Air permeability - EN 12426 (test EN 12427)	class 0
Water permeability - EN 12425 (test EN 12489)	NC
Life cycles	300.000 with 400 V - 500.000 with INVERTERmotion
Number of operation per day and per hour	300 ÷ 500 cycles/day - max 60 ÷ 100 cycles/hour
Service level	4 - heavy duty
Intermittence / Operatig level	S2 = 60 minutes / S3 = 60%
Closing door safety devices EN 12453 (test EN 12445)	Comfort Safety Pack: electromechanical sensitive bottom edge + IP55 photocells TOP Safety Pack: SOF self testing safety bottom edge + IP55 photocells
Emergency opening	Manual by crank device operated from ground
Recommended operating temperature (motor + control board)	- 5°C ÷ + 50°C
Recommended operating temperature (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 see the table on price list.
Frame	standard in hot galvanised steel optional - AISI 304 fine satin stainless steel finishing - smooth finish oven-baked epoxy coating
Available Certifications : N°, date, organisme	certificate of type examination n° DE/3382/09 Notified Laboratory n° 0497



Curtain Technical Information

	Standard full curtain	Optional full curtain	Optional modular curtain
Weight	900 g/m ²	1200 g/m ²	900 g/m ²
Type of material	polyester fabric PVC coated on both sides - availability of transparent PVC windows	polyester fabric PVC coated on both sides - availability of transparent PVC windows	poliester fabric PVC coated on both sides
Polyester thickness	0.7 mm for standard colors 0.6 mm (700 g/m ²) for non-standard colors	1.0 mm	0,7 mm
Horizontal reinforcements	galvanised steel pipes	galvanised steel pipes	anidized aluminium profiles
Thermal resistance coefficient	5.8 W/m ² K	5.5 W/m ² K	5.8 W/m ² K
Noise reduction	~ 12dB	~ 12dB	~ 12dB
Reaction to fire	< 100 mm/min (ISO 3795) not self-extinguishing	Bs1d0 (NF EN 13501-1) self-extinguishing	< 100 mm/min (ISO 3795) not self-extinguishing
Colors (similar)	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	Blue RAL 5010 Grey RAL 7038	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
Windows	clear PVC 1 mm 980 x H 300 or 920 x H 1600 mm	clear PVC 1 mm 980 x H 300 or 920 x H 1600 mm	-
Modular sections	-	-	clear PVC 2 mm