

Ditec Smart Reset

Rapid roll-up door with self-repairing curtain

Smart Reset is the very compact high speed door featuring a **special and innovative self-repairing system**; should the curtain accidentally get dislodged after accidental impact, it will automatically be recovered with a simple opening and closing operation.

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

Exclusive electronic device **SLE - Safety Linear Encoder** to reverse motion when door is closing if an obstacle is hit.



SLE - Safety Linear Encoder
Ditec Entrematic Patent

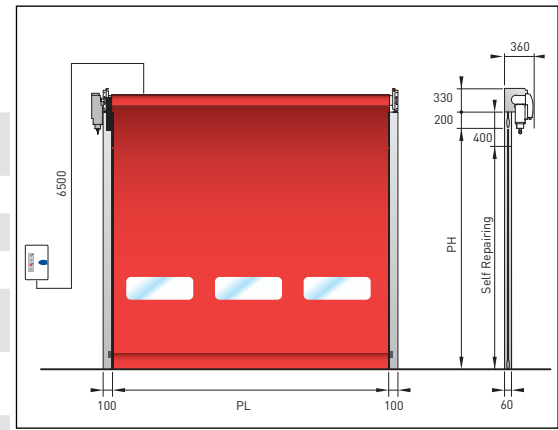
Product specifications

EN

Ditec Smart Reset

Door Technical Information

Dimensions max	PL 4500 x PH 4600 mm
Dimensions min	PL 900 x PH 1000 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	0,6 kW
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 3000 x PH 5000 mm class 1 > PL 3000 ≤ PL 4500 x PH 5000 mm class 0 > PL 4750 ≤ PL 4600 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: SLE Safety Linear Encoder + IP55 external photocells TOP Safety Pack: SLE Safety Linear Encoder + IP67 built-in photocells TOP T Safety Pack: SLE Safety Linear Encoder + IP65 sequential infra-red light barrier
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. 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



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

Curtain Technical Information

	Standard curtain	Optional curtain	Optional insulated curtain
Weight	900 g/m ²	1200 g/m ²	1300 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	insulated curtain by poliester fabric PVC coated on one side and foamed on the other one - availability of transparent PVC windows
Polyester thickness	0.7 mm for standard colors 0.6 mm (700 g/m ²) for non-standard colors	1.0 mm	3.5 mm
Vertical reinforcement strip	clear PVC	clear PVC	not needed
Thermal resistance coefficient	5.8 W/m ² K	5.5 W/m ² K	4,0 W/m ² K
Noise reduction	~ 12dB	~ 12dB	17,5 dB
Reaction to fire	< 100 mm/min (ISO 3795) not self-extinguishing	Bs1d0 (NF EN 13501-1) self-extinguishing	UNI 9177 class 2
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	Blue RAL 5010 Grey RAL 7038
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	clear PVC 1 mm 980 x H 300 or 920 x H 1600 mm