

Ditec Traffic C - CM

High-speed folding door with full or modular curtain and counterweights

Traffic boasts a reputation of being the safest and most technologically advanced model amongst the high-speed folding doors. Its built-in motor, counterweighted balancing system and full curtain or, optionally, modular-section curtain ensure high operation and safety standards.

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



Product specifications

EN

Ditec Traffic C - CM

Door Technical Information	Ditec Traffic C	Ditec Traffic CM
Dimensions max Dimensions min	PL 6000 x PH 5500 mm PL 1500 x PH 2000 mm	PL 11000 x PH 7000 mm PL 4500 x PH 3000 mm
Power supply	400 V 3-phase 10 A for single speed version 230 V single-phase 16 A for INVERTER <i>motion</i>	400 V 3-phase 10 A for single speed version
Frequency supply	50/60 Hz for single speed version 50/60 Hz for INVERTER <i>motion</i> version	50 Hz for single speed version
Power of motor - up to door size and/or curtain configuration	0,9 kW for K10 gear motor	0,9 kW for K10 1,8 kW for 2 K10 0,55 kW for K10 1,1 kW for 2 K21
Max current for 24 Vdc accessories	0,5 A	0,5 A
Opening speed	1,0 m/s for single speed version ≤ 4500 X PH 4500 mm 0,7 m/s for single speed version > 4500 X PH 4500 mm up to 1,3 m/s for INVERTER <i>motion</i> version	0,7 m/s
Closing speed	1,0 m/s for single speed version ≤ 4500 X PH 4500 mm 0,7 m/s for single speed version > 4500 X PH 4500 mm up to 0,9 m/s for INVERTER <i>motion</i> version	0,7 m/s
IP degree for control board	IP55	IP55
Wind resistance class - EN 12424 (test EN 12444)	class 2 ≤ PL 3000 x PH 5400 mm class 1 > PL 3000 ≤ PL 3500 x PH 5400 mm class 0 > PL 3500 mm	class 2 ≤ PL 4500 x PH 4000 mm class 1 ≤ PL 5000 x PH 5800 mm class 0 > PL 5000 > PL 5800 mm
Air permeability - EN 12426 (test EN 12427)	class 0	class 0
Water permeability - EN 12425 (test EN 12489)	NC	NC
Life cycles	300.000 with 400 V - 1.000.000 with INVERTER <i>motion</i>	1.000.000
Number of operation per day and per hour	600 cycles/day - max 75 cycles/hour	600 cycles/day - max 75 cycles/hour
Service level	5 - very heavy duty	5 - very heavy duty
Intermittence / Operatig level	S2 = 60 minutes / S3 = 60%	S2 = 15 minuti / S3 = 30%
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 with spiral cable + IP55 photocells - TOP W: SOF self testing wireless safety edge + IP55 photocells - TOP T Safety Pack: IP67 sequential infra-red light barrier	- COMFORT Safety Pack: electromechanical sensitive bottom edge + IP55 photocells - TOP Safety Pack: SOF self testing safety bottom edge with spiral cable + IP55 photocells - TOP T Safety Pack: IP67 sequential infra-red light barrier
Emergency opening	Semi-automatic quick reopening system	Semi-automatic quick reopening system
Recommended operating temperature (motor + control board)	- 5°C ÷ + 50°C	- 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.	- 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 smooth finish oven-baked epoxy coating	standard in hot galvanised steel optional smooth finish oven-baked epoxy coating
Available Certifications : N°, date, organisme	certificate of type examination n° DE/3382/09 Notified Laboratory n° 0497	certificate of type examination n° DE/3382/09 Notified Laboratory n° 0497

Curtain Technical Information	Standard full curtain
Weight	900 g/m ²
Type of material	polyester fabric PVC coated on both sides - availability of transparent PVC windows
Polyester thickness	0.7 mm for standard colors 0.6 mm (700 g/m ²) for non-standard colors
Horizontal reinforcements	galvanised steel pipes
Thermal resistance coefficient	5.8 W/m ² K
Noise reduction	~ 12dB
Reaction to fire	< 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
Windows	clear PVC 1 mm - 980 x H 300 or 920 x H 1600 mm
Modular sections (only Traffic C)	900 g/m ² polyester and/or clear PVC 2 mm thick