

D1000

24V Electromechanical operator with belt or chain drive



Maximum traction/thrust force

1000 N

Use frequency

Continuous use



- Easy and fast installation thanks to the pre assembled rail and rotation coupling.
- Belt transmission.
- Limit switch adjusting electronic deceleration and reverse on obstacle detection.



DIMENSIONS AND TECHNICAL SPECIFICATIONS

Model	D1000
Power supply voltage	220-240V~ 50/60 Hz
Electric motor	With brushes 24V ---
Max. power	350 W
Max expressed force	1000 N
Lintel max height	35 mm
Courtesy light	230V - 40 W (max)
Courtesy light timing	120 s
Max. carriage speed	6.6 m/min
Carriage speed at slow-down	1.3 m/min
Encoder	Electronic
Noisiness	45 dbA
Operating ambient temperature	-20 °C ÷ +55 °C
Protection class	For internal use only (IP20)
Weight	6.4 Kg
Dimensions (LxDxH)	360 x 200 x 145 mm
Max. door dimension (LxH)	See BELT RAILS table
Electronic equipment	E1000 integrated
Use frequency	Continuous use

FAMILY MODELS

Model	Item code
D1000 Dolphin kit K868	10566615
D1000 Dolphin kit K433	10566616

PACKS

IMPORTANT: a rail (single piece or two pieces with belt drive) must always be ordered with every D1000 operator.

D1000 includes: an electromechanical operator with electronic control unit and timed courtesy light, accessories for installation, internal release device.

Typical Installation Examples page. 334

ELECTRONIC CONTROL UNITS



E1000 electronic control unit (incorporated)
Info at page 146

2024025

ACCESSORIES



Curved arm for sectional doors

390768



GDA 2400 adapter for up and over doors with counterweights of max height 2400 mm

390548



Central track support supplied as standard with two-piece tracks

390765

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XBAT 24 emergency battery kit *

390923



Cable and sheath for external release (application to the existing handle)

390488



External key release for doors with thickness greater than 15 mm, from 1 to 10

424591001-10

NOTE

Important: E600/E700 HS/E1000 electronic control units with new technology



only compatible with the XF 433/XF 868 receiver.

Automations D600 - D700 HS - D1000 can only be equipped with the XL24L flashing light.

To install the external key release you need to use the cable and sheath accessory for external release device.

BELT RAILS

Rack	Door max dimensions L x H (m)	Sectional door max. dimensions L x H (m)	Length of rail (mm)	Carriage max travel (mm)	Item code
Single with belt	3,00 x 2,15	5,00 x 2,02	2400	2020	390120
Single with belt	3,00 x 2,60	5,00 x 2,62	3000	2620	390126
Single with belt	3,00 x 3,20	5,00 x 3,20	3600	3200	390132
Single with belt	3,00 x 3,80	5,00 x 3,80	4200	3800	390139
Two-piece with belt	3,00 x 2,60	5,00 x 2,62	3000	2620	390226
Two-piece with belt	3,00 x 3,20	5,00 x 3,20	3600	3200	390232
Two-piece with belt	3,00 x 3,80	5,00 x 3,80	4200	3800	390239

OTHER ACCESSORIES

Key operated buttons
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Safety edges
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Transmitters and receivers
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Photocells and columns
page 182

Flashing lights
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Various accessories
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