

Ditec TOP

Electromechanical actuator for overhead doors

Ditec TOP is the new belt drive unit for garage sectional doors. It is **extremely safe** thanks to the 24VDC motor, obstacle-detection sensor, emergency release, and the possibility of installing additional protection systems such as safety edge, flashing light and photocells.

The **Ditec TOP** motors have been designed to **simplify and speed up installation, maintenance and configuration of the system**: the rails can be quickly installed, the gear motor can be set at 90° relative to the sliding direction of the door, the operator is equipped with a self-learning mode, external display and controls, the belt-tensioning system is independent from the motor head.

The gear lock and rolling-code remote controls **guarantee protection** against unauthorised opening of the door.



Product specifications

EN

Door weight up to 120 kg	Door weight up to 210 kg
Ditec TOP603H	Ditec TOP903H

Main features

Description	TOP603H	TOP903H
Electromechanical actuator	for overhead doors	for overhead doors
Driving mean	belt	belt
Travel control system	encoder	encoder
Maximum capacity	8,9 m ² (with TOP803T3) 9,5 m ² (with TOP803T4)	13,0 m ² (with TOP803T3) 17,3 m ² (with TOP803T4)
Duty class	3 - frequent	3 - frequent
Intermittent operation	S2 = 30 min S3 = 25%	S2 = 30 min S3 = 25%
Power supply	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Motor power supply	24 V DC	24 V DC
Torque / Thrust	600 N	1000 N
Opening speed	0.21 m/s	0.21 m/s
Closing speed	0.14 m/s	0.14 m/s
Release system for manual	by cable	by cable
Operating temperature	-20°C / +50°C	-20°C / +50°C
Protection rating	IP 20	IP 20
Product dimensions (mm)	364x208x131	364x208x131
Control panel	built-in	built-in
Stroke Length	up to 3.978 mm	up to 3.978 mm
Height min encumbrance	40 mm	40 mm
Remote control frequency	433 MHz	433 MHz
Max n. of remote controls	50	50
Noise	<69 dB (A)	<69 dB (A)

Main system functions

Description	TOP603H	TOP903H
Control panel	built-in	built-in
Energy saving	■	■
Integrated courtesy light and additional courtesy light (parallel connection)	■	■
Flashing light	230 V AC / 50-60 Hz *	230 V AC / 50-60 Hz *
Electrical lock	■ *	■ *
Gate open warning light (warns the user if gate is not fully closed)	■ *	■ *
ODS - Obstruction detection system	■	■
Auto-learning procedure	■	■
Braking / slowdown	■	■
Open control	■	■
Partly open control		■
Automatic timed close control	■	■
Close control	■	■
Inching control	■	■
Stop safety device	■	■
Reverse operation safety device	■	■
Soft start/ Soft stop	■	■
Automatic power adjustment during movement	■	■
Cycles counter for maintenance scheduling	■	■
External digital display and controls	■	■
Safety test function	■	■
* with TOP905AC		

Directives and standards compliancy

- 2004/108/CE - EMCD
- 2002/95/CE - RoHS
- 1999/5/CE - R&TTE
- 2006/95/CE - LVD
- 2006/42/CE - Machine Directive - (Annex II-B; Annex II-A; Annex I-chapter 1)
- Applied harmonized EU standard: EN13849-1, EN61000-6-2, EN61000-6-4, EN60335-1
- Other Standards or Technical Specifications applied: EN60335-2-95, EN60335-2-103, EN55014, EN12453