

Ditec Box

Automation for up-and-over doors


Ditec Box is the perfect solution to automate overhead garage doors. It is sturdy, indefatigable and easy to install, and with either 1 or 2 gearmotors, it can move even very large counterweight up-and-over doors with standard panel or with non-protruding or folding panel. Ditec Box is provided with a full range of control and safety accessories.



Product specifications

EN

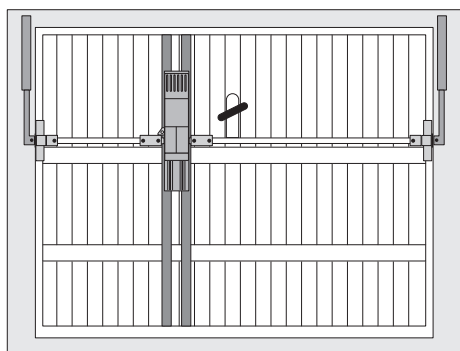
Main features

Description	E1HBOX
Control panel	for 1 24 V DC motor (or 2 parallel motors) with built-in radio
Mains power supply	230 V AC / 50-60 Hz
Batteries	■ (optional)
Energy saving	 reduced consumption when in use
Number of motors	1
Motor power supply	24 V DC / 8 A
Accessories power supply	24 V DC / 0.3 A
Flashing light	24 V DC
Gate open warning light	analogue
Courtesy light	■
Limit switch provision	■
Encoder	■
Force adjustment	automatic
ODS - Obstruction detection system	■
Speed adjustment	■
Braking / Slowdown	■
Open control	■ (with dip-switch)
Close control	■
Automatic timed close control	■
Inching control	■
Hold-to-run control	■
Stop safety device	■
Reverse operation safety device	■
Operating temperature	-20°C / +55°C

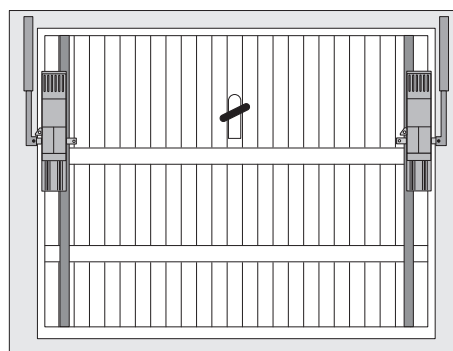
Main system functions

Description	Box 3EH
Electromechanical actuator	for up and over doors with counterweights
Stroke control	encoder + rotary limit switch
Maximum capacity	7 m ² (1 motor) 12 m ² (2 parallel motors)
Service index	3 - frequent
Intermittent operation	S2 = 30 min S3 = 50%
Power absorption	24 V DC
Input	8 A
Torque	300 Nm
Opening time	15-30 s
Release system for manual opening	lever / key
Operation temperature	-20°C / +55°C
Protection level	IP 40
Product dimensions (mm)	660x100x120
Control panel	E1HBOX (built-in)

Examples of installation



1 gear motor



2 gear motors