



POWERFUL



SAFE



VERSATILE



## **Ditec Dor**

EN

Automation with arm for folding entrance doors

# Ditec Dor

External actuating arm for folding doors with articulated leaves  
Minimum space with maximum function

## Simple and reliable

Ditec Dor actuates folding doors with two articulated leaves, up to 1.5 + 1.5 m long: mounted on one wing only, opening and closing is carried out by means of a simple telescopic arm.

It is fitted with a remote lock release system which always ensures manual operation, if needed, in case of power failure. Dor automation is fitted with a lock release system with cord.

## Minimum size

The very small size of Ditec Dor allows passage of means slightly narrower than that of the door and makes it possible to adapt them to any space requirement.

## Specific accessories

- Straight arm
- Limit-switch unit

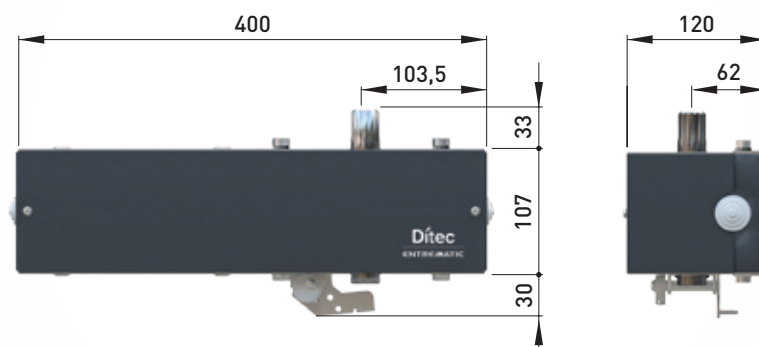


## Product range

DOR1BH	wings up to 1.5 + 1.5 m
DOR1BHS	wings up to 1.5 + 1.5 m, watertight version IP55

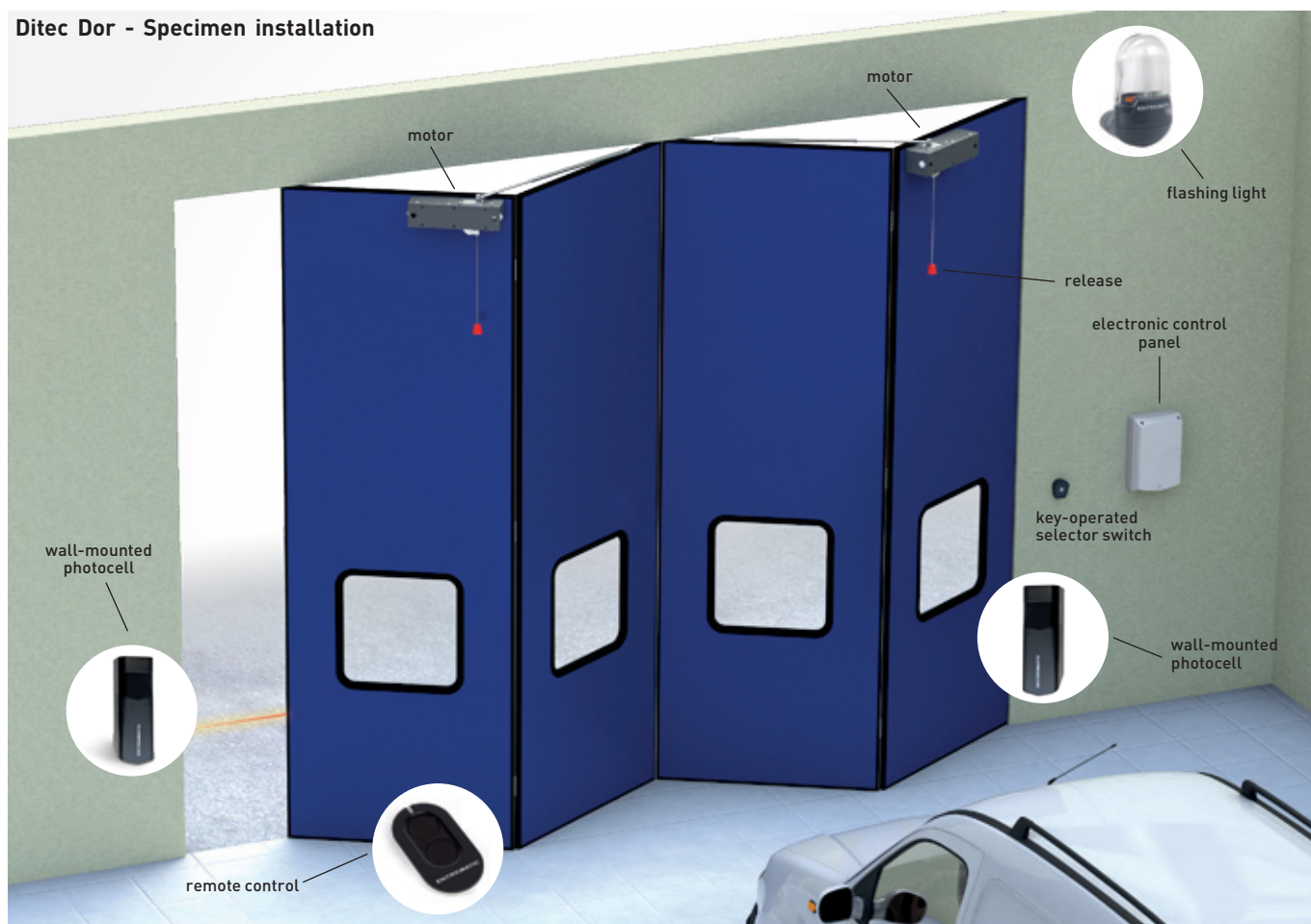


## Dimensions



# Example of installation and technical characteristics

Ditec Dor - Specimen installation



## Technical specifications

Description	Dor 1BH	Dor 1BHS (IP55 version)
Electromechanical actuator	for folding doors	for folding doors
Maximum capacity	500 kg (1.5 m + 1.5 m)	500 kg (1.5 m + 1.5 m)
Service index	4 - intensive	4 - intensive
Intermittent operation	S2 = 30 min S3 = 50%	S2 = 30 min S3 = 50%
Power absorption	24 V DC	24 V DC
Power input	12 A	12 A
Torque / Thrust	300 Nm	300 Nm
Drive shaft rpm	2.5 RPM	2.5 RPM
Release system for manual opening	rope	rope
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection level	IP 44	IP 55
Product dimensions (mm)	400x120x107	400x120x107
Control panel	LCU40H	LCU40H

Dor 1BH - Dor 1BHS	
<b>TECHNICAL SPECIFICATIONS</b>	
Control panel	ref. LCU40H for 1 or 2 24 V DC motors with built-in radio
433MHz/868MHz interchangeable receiver module	■
Number of motors	1 or 2
Mains power supply	230 V - 50/60 Hz
Motor power supply	24 V DC / 2 x 12 A
Accessories power supply	24 V DC / 0.5 A
Operating temperature	-20°C / + 55°C in standard conditions / -35°C / +55°C with NIO enabled
Control panel protection level	IP55
Control panel dimensions (mm)	238x357x120
<b>INPUTS</b>	
Opening control	■
Partial opening control	■
Close control	■
Stop control	■
Inching control	■
Hold-to-run control	■
<b>OUTPUT</b>	
Flashing light	24 V DC
Electrically operated lock	12 V DC / 15 W
Gate-open warning light (ON/OFF)	■
Gate-open warning light with proportional blink rate	■
Courtesy light	■ shared with electrically operated lock or flashing light
<b>PROGRAMMABLE FUNCTIONS</b>	
Force adjustment	Electronic
Speed setting	■
Soft Start/Soft Stop	Adjustable
Braking/Slowing down	Adjustable
Stop approach	Adjustable
Operation time	Adjustable
Automatic re-closing time	Adjustable
Integrated datalogging (counters and recent alarm history)	■ can be viewed on display and on a PC with Amigo SW
Extended datalogging with micro SD (in-depth records for every event)	■ can be viewed on a PC Amigo SW
FW update	■ with micro USB and Amigo SW or MicroSD
<b>SAFETY AND PROTECTION FUNCTIONS</b>	
Emergency stop	■
Safe closing (inversion)	■
Safety Test Facility (for automatic safety devices)	■
ODS – Obstruction Detection System (causes the gate to stop or reverses movement when an obstacle is detected)	■
NIO - Antifreeze system	■
<b>OPTIONAL ACCESSORIES</b>	
Batteries	■ with SBU
Possibility of integrated batteries in the control panel	■
Stand-alone solar-power connection	■ with SBU
Hybrid solar-power connection	■ with SBU
8.2 KΩ-resistance safety edge	■ with accessory
Magnetic loop detector	■ with LAB9



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