

Ditec Dor

Automation with arm for folding entrance doors

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. Ditec Dor automation is fitted with a lock release system with cord.



Product specifications

EN

Technical features

Description	Dor 1BH	Dor 1BHS
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
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	by cable	by cable
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

Main system function

Description	Dor 1BH - Dor 1BHS
Control panel	ref. VIVA H for 1 or 2 24 V DC motors
Mains power supply	230 V AC / 50-60 Hz
Batteries	■ (optional)
Number of motors	1 or 2
Motor power supply	24 V DC / 2 x 12 A
Accessories power supply	24 V DC / 0.5 A
Electrically operated lock	24 V DC / 1.2 A
Flashing light	24 V DC
Gate open warning light	analogue
Courtesy light	24 V DC
Limit switch provision	■
Encoder	virtual encoder
Force adjustment	automatic
ODS - Obstruction detection system	■
Speed adjustment	■
Braking / slowdown (for best approach)	■
Operation time adjustment	■
Open control	■
Partly open control	■
Close control	■
Automatic timed close control	■
Inching control	■
Hold-to-run control	■
Stop safety device	■
Reverse operation safety device	■
NIO - Antifreeze system	■
Soft start	■
Operating temperature	-20°C / +55°C [-35°C / +55°C with NIO enabled]
Protection level	IP 55
Product dimensions (mm)	238x357x120