

Ditec Arc

Automation with arm for swing gates with up to 5 m single gate

Ditec Arc is an irreversible electromechanical automation for swing gates.

Silent and sturdy, easy to install and connect, it is perfectly suited to any type of installation.

This actuator is easy to assemble and install, can be used with a wide range of motors and is designed with practicality in mind.

Thanks to the articulated arm and lever systems which ensure perfect movement, it is the ideal solution for overcoming complex situations, such as gates supported by very large pillars or "out-of-plumb" gate.



Product specifications

EN

Main features

Description	Arc BH	Arc 1BH
Electromechanical actuator	irreversible for up to 2.5 m wide wing	irreversible for up to 5 m wide wing
Stroke control	rotary limit switch (optional)	rotary limit switch (optional)
Maximum capacity	200 kg x 2 m 150 kg x 2.5 m	500 kg x 3 m 250 kg x 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	3 A	12 A
Torque	150 Nm	300 Nm
Opening time	15÷18 s/90°	15÷30 s/90°
Actuator maximum opening	130°	130°
Release system for manual opening	key operated	key operated
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 54	IP 54
Product dimensions (mm)	374x130x150	374x130x150

Main system functions

Description	Arc BH, Arc 1BH	Arc BH
Control panel	ref. VIVA H for 1 or 2 24 V DC motors	ref. E2HFC - E2HAR for 1 or 2 24 V DC motors with built-in radio
Mains power supply	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Batteries	■ (optional)	■ (optional)
Number of motors	1 or 2	1 or 2
Motor power supply	24 V DC / 2 x 12 A	24 V DC / 2 x 6 A (Facil) 24 V DC / 2 x 4.5 A (Arc)
Accessories power supply	24 V DC / 0.5 A	24 V DC / 0.5 A
Electrically operated lock	24 V DC / 1.2 A	24 V DC / 1.2 A
Flashing light	24 V DC	24 V DC
Gate open warning light	analogue	analogue
Courtesy light	24 V DC	24 V DC
Limit switch provision	■	■
Encoder	virtual encoder	virtual encoder
Force adjustment control	automatic	display
ODS - Obstruction detection system	■	■
Speed adjustment	■	display
Braking/slow down control	■	display
Operation time adjustment	■	display
Open control	■	■
Partly open control	■	■
Close control	■	■
Automatic timed close control	■	■
Inching control	■	■
Hold-to-run control	■	■
Stop safety device	■	■
Reverse operation safety device	■	■
Safety Test Facility		■
NIO - Antifreeze system	■	■
Soft start	■	■
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 55	
Product dimension (mm)	238x357x120	