



ELECTRO 7 24V SWING GATE OPERATORS DATA SHEET

ELECTRO 7 Irreversible Electro Mechanical Swing Gate Operators. A motor that can operate at low voltage in super-intensive use and which can operate in environments with extremely demanding weather conditions while maintaining very low energy consumption and absorption levels. They are ideal for industrial gates with a single leaf length 7m with locking in both open and closed positions. The low voltage BRUSHLESS electromechanical gear motor allows for automation of extremely heavy duty swing gates with gate leaf up to 7m and 300kg in weight per leaf.

NEW GENERATION OF ELECTRONICS

The new control unit with digital Brushless controller. Without traditional relays and thanks to its revolutionary mosfet quadrant system and its control technology entirely based on a DSP microcontroller, it represents a new generation of electronic cards created to safely handle all movement phases of the automation system.

IMPACT, OBSTACLE DETECTION AND REVERSAL IN TOTAL SAFETY

Thanks to digital technology we are able to detect an obstacle and reverse the motor instantly, by simply specifying the torque of the motor, the sensitivity, the time and the travel of the reversal. All in full compliance with current safety requirements.

Maximum Gate Leaf Length-	7m per single leaf
Line power supply-	230V AC - 115V AC 50/60Hz +-10%
Brushless Motor Power Supply-	24V
Rated Power-	200W
Frequency of Use-	Super Intensive
Operating Temperature-	-20 +55°C
Degree of Protection-	IP44
Standard Aperture Angle-	105°
Time to Open to 90°-	19 - 29 s
Speed of Operation-	1.66 cm/s
Thrust-	50 - 300 N
Encoder-	Digital Native Encoder
Limit Switch Type-	Adjustable Mechanical Stops
Controller Unit-	B70/2DCHP/BOX, 36V DC
Daily Operation Cycles-	1,300 (open/close- 24 hours non-stop)
Cable Type-	2 metres standard, 3x2.5 mm2
Number of Bearings on Idle Shaft-	1 Bearing
Manual Release-	Trilobe Release Lever or Cylinder Lock



EXTREMELY LOW ENERGY CONSUMPTION

A motor that can operate at low voltage in super-intensive use and which can operate in environments with extremely demanding weather conditions while maintaining very low energy consumption and absorption levels. We can move a 600 kg gate and use less than 30W of power.



SPEED, ACCELERATION AND DECELERATION WITH EXTREME ELEGANCE

The automation system with brushless digital technology creates perfect and elegant movements. With a constant force and torque at every point and with the option of varying the speed on deceleration and acceleration the system can be managed with maximum safety.



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MOTOR FOR SUPER-INTENSIVE USE

We wanted to surprise our customers with a product that was fundamentally different to any other product on the market. The motor remains permanently cold even after many days of super intensive use.



DIGITAL AND VECTORIAL AUTOMATION CONTROLLER

The BRUSHLESS digital controller, which operates at low voltage 24V/36V DC, allows 100% control of the automation system in digital mode. Thanks to its operation entirely based on a DSP microcontroller the travel and all the movements of your automation system can therefore be programmed and customised easily, precisely and elegantly.



THE PRECISE EMA ABSOLUTE ENCODER NEVER LOSES TRACK OF THE POSITION OF YOUR GATE FOR TOTAL SAFETY, ALWAYS!

All materials and specialist advice can be obtained from:

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