



POWERFUL



RELIABLE
AND STURDY



EASY TO INSTALL



Ditec PWR 50 AC

EN

230 V AC automation for swing gates with wings up to 5 m



POWERFUL

Ditec PWR 50 AC is the new electromechanical operator for swing gates for residential, condominium and industrial applications.

- Suitable for **large and very large gate wings**, including models with fully framed panels
- The powerful motor, working in conjunction with a epicyclic reduction gearbox, and efficient, high quality mechanical components ensure **outstanding performance**. Thrust force up to 6000 N
- Tested **up to 450,000 cycles**



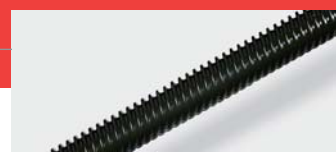
RELIABLE AND STURDY

An automation built to last and withstand even the **worst weather conditions**: Ditec PWR 50 AC comes with premium die-cast aluminium parts and robust brackets and plates, designed to sustain the torsional and shear stresses generated during operation.

But that's not all! **The screw features a cataphoresis surface treatment** to prevent the formation of rust.

Ditec PWR 50 AC has passed **corrosion resistance testing** (ISO 9227) and **UV resistance testing** UV (ISO 489-2).

screw with cataphoresis surface treatment.



Easy to install



A number of intelligent design solutions to make a simple, quick installation procedure: control panel with **configuration wizard**, **pre-slotted fastener plates** to secure the bracket simply and quickly and open position **mechanical stop** already installed on the screw, **requiring just final adjustment**.

- The installation template cuts the time needed to installed the new PWR 50 AC motor by 60%. The template features a spirit level, for setting the position and level precisely in a single operation and without additional measurements.



Ditec LCA - NEW UNIVERSAL CONTROL PANELS for 230 V AC motors

- **menu with configuration wizard (Wizard WZ)** to configure the control panel quickly and simply during initial setup: just choose the operating logic, the number of gate wings and whether or not to enable automatic closing, memorize the remote controls, and you're ready to go!
- **pre-configured operating logics:** automatic operation with or without deceleration at end of travel, timer-controlled operation with or without deceleration at end of travel, and timer-controlled operation with force limitation
- in case of specific needs, installers can adjust **more than 100 parameters**, using the easy-to-use menu, the display and the navigation buttons
- **Green Mode** for saving energy when in standby state
- **Integrated diagnostics** with counters and recent alarms log (shown on the control panel display)



See the dedicated documentation for complete information on control panels.



Description	PWR50AC
Electromechanical actuator	Non-reversible / Reversible
Stroke control	Mechanical end stop (open position)
Maximum load	800 Kg x 1.75 m 280 Kg x 5 m
Motor power feed	230 V AC - 50 Hz
Maximum power	1.1 A
Power absorption	250 W
Thrust	6000 N
Opening speed	32 s/90°
Maximum stroke	500mm

Description	PWR50AC
Actuator maximum opening angle	120°
Intermittent operation	30 consecutive cycles at 20°C
Service class	Very heavy duty, up to 450,000 cycles
Release system for manual opening	key-operated
Operating temperature	-20°C to +55°C [-35°C to +55°C with NIO system]
Protection rating	IP44
Weight (kg)	10.5
Control panel	LCA70 or LCA80

FULLY COMPLIANT WITH ALL EU DIRECTIVES AND STANDARDS

- 2014/30/EU - EMCD - Electromagnetic compatibility directive
- 2014/53/EU - RED - Radio equipment directive
- 2006/42/CE - Machinery Directive - (Annex II-B; Annex II-A; Annex I-Chapter 1)



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