ENTREMATIC

Ditec NeoS 600 SuperFast

EN

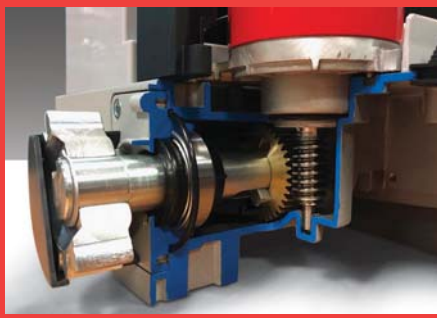
Automation system for sliding gates up to 600 kg, up to 40 cm/s

24 V VIRTUAL ENCODER SAFE, VERSATILE...

- **constant electronic monitoring of impact forces and immediate obstacle detection** ensuring that the electromechanical actuator stops, or the motion is reversed (if configured) when obstacles are detected
- **precise adjustment of the position and speed at all times**, allowing adjustment for acceleration, deceleration, start time, slowdown distance and approach speed during opening and closing
- **magnetic limit switches** included
- **steel plates of different thickness and design** allow for correct installation in all circumstances and levelling screws can be used to adjust the operating device to the millimetre
- **the self-learning procedure** is made easy by the display, navigation pushbuttons for **installation of the motor in just two steps**

...EXTREMELY FAST!

Thanks to the new gear motor, the choice of more resistant and durable materials and the mechanical redesign of the gears it has been possible **to guarantee a speed of up to 40 cm/s observing all the current standards**



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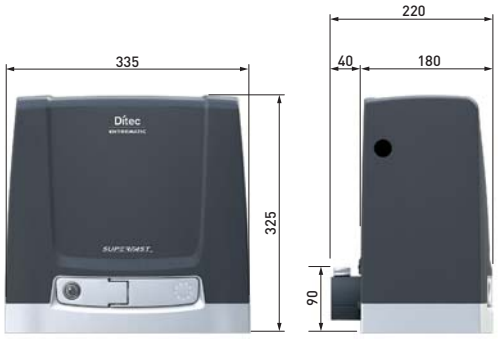
COMPLETE PEACE OF MIND:
sturdy, durable and reliable over time

- **die-cast aluminium single-block base** for unmatched sturdiness
- **special high-quality, self-levelling grease** keeps screws and crowns constantly lubricated
- **our choice of materials and the internal arrangement** of components is designed to keep out moisture, dust and insects
- **the temperature sensor** fine-tunes the performance of the gear motor in the event of cold, ice and snow. (NIO - No Ice Option - function)

Ditec NeoS 600 SF completes the Ditec NeoS range, automations for 300 Kg, 400 Kg, 600 Kg and 1000 Kg sliding gates with integrated control panel.

Technical specifications

Description	NeoS 600 SF
Electromechanical actuator	for sliding gates up to 600 kg
Stroke control	limit switch + virtual encoder
Max. leaf weight	600 kg
Maximum opening width	20 m
Service class	4 - intensive
Intermittent operation	S2 = 30 min; S3 = 50%
Power supply	230 V AC - 50-60 Hz
Motor power supply	24 V DC
Power input	1.5 A
Thrust	500 N
Opening and closing speed	0,1 - 0,4 m/s
Release system for manual opening	key operated
Operating temperature	-20°C/+55°C (-35°C/+55°C with NIO enabled)
Protection rating	IP 24D
Control panel	CS12E (built-in)



TECHNICAL SPECIFICATIONS	
Control panel	ref. CS12E for NeoS range with built-in radio
Radio frequency	433.92 MHz standard 868.35 MHz with ZENPR2
Accessories power supply	24 V DC / 0.3 A
Stroke control	Virtual encoder
Limit switch provision	■
INPUTS	
Open control	■
Partial opening control	■ via radio
Close control	Shared with emergency stop, which can be selected from the display
Stop control	■ via radio
Inching control	■
Hold-to-run command	■ selected via display
OUTPUT	
Flashing light	24 V DC
PROGRAMMABLE FUNCTIONS	
Configuration of programmable functions	Display and navigation keys
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
FW update	■ using Amigo
SAFETY AND PROTECTION FUNCTIONS	
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	■
OPTIONAL ACCESSORIES	
Batteries	■ with SBU
Support for automation system with integrated batteries	■
Stand-alone solar-power connection	■ with SBU
8.2 KΩ-resistance safety edge	■ with GOPAV or SOF accessory
Magnetic loop detector	■ with LAB9

FULL COMPLIANCE WITH EU DIRECTIVES AND STANDARDS

- **2014/30/EU - EMCD** - Electromagnetic Compatibility Directive
- **2014/53/EU - RED** - Radio Equipment Directive
- **2006/42/CE** - Machines Directive - (Annex II-B; Annex II-A; Annex I-Chapter 1)
- **Harmonised EU Standards:** EN ISO 13849-1 and EN ISO 13849-2; EN61000-6-3; EN61000-6-2; ETSI EN 300 220-1; ETSI EN 300 220-2; ETSI EN 301 489-1; ETSI EN 301 489-3
- **Other standards / technical specifications applied:** EN12445; EN62233; EN55014-1
- **ITT tests** passed with active and passive safety edge (EN 12453)

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