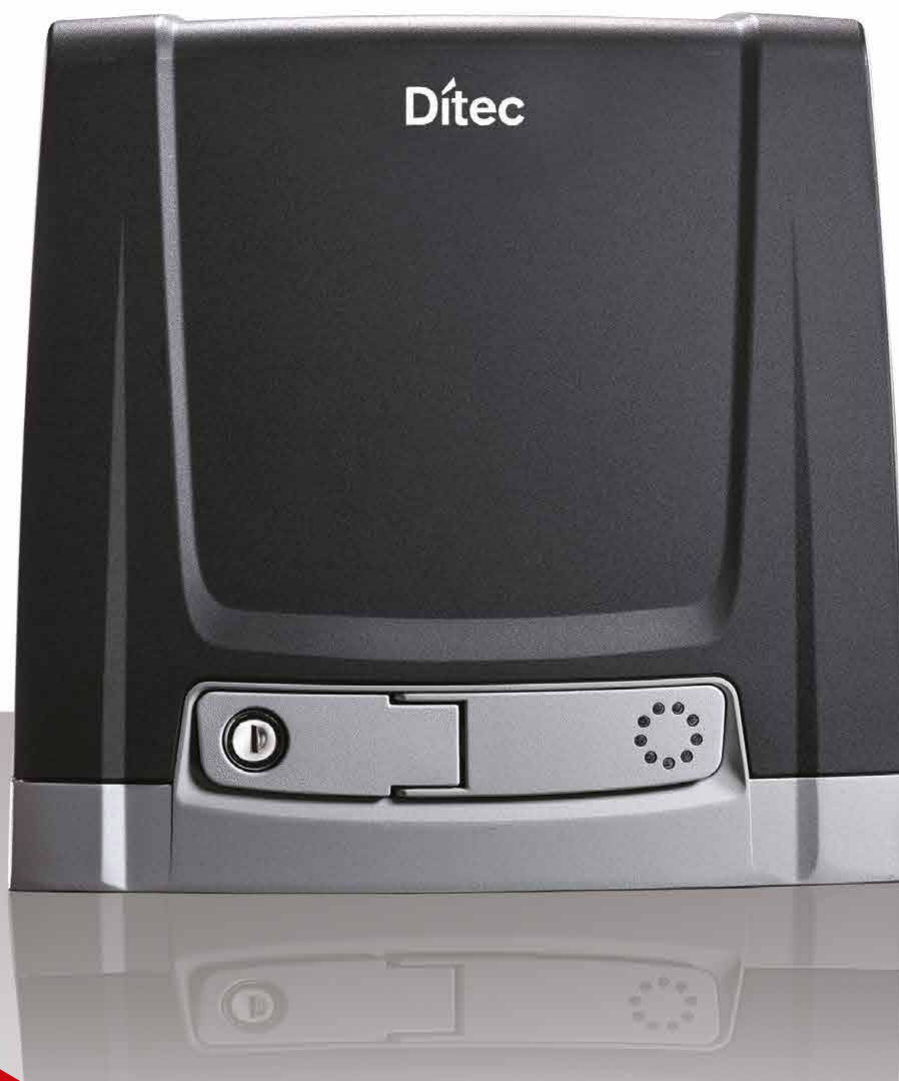


**Dítec**  
OPEN YOUR WORLD



INTELLIGENT



SAFE



VERSATILE

Automation  
system for  
sliding gates up  
to **1000 kg**

Dítec **NEOS**



\*NEOS and NEOS+ 400  
\*\*NEOS and NEOS+ 600-1000, NEOS 600 SF

## TECHNICAL SPECIFICATIONS

| Description               | NEOS 400 - NEOS+ 400                              | NEOS 600 - NEOS+ 600                              | NEOS 600 SF - NEOS 600 SFJ                           | NEOS+ 1000 - NEOS+ 1000J                             |
|---------------------------|---|---|--|--|
| Max. leaf weight          | 400 kg  | 600 kg  | 600 kg   | 1000 kg  |
| Stroke control            | virtual encoder                                   | limit switch + virtual encoder                    | limit switch + virtual encoder                       | limit switch + virtual encoder                       |
| Maximum opening           | 12 m  | 20 m  | 20 m   | 20 m   |
| Duty class                | 4 - heavy duty                                    | 4 - heavy duty                                    | 4 - heavy duty                                       | 4 - heavy duty                                       |
| Intermittent operation    | S2 = 30 min<br>S3 = 50%                           | S2 = 30 min<br>S3 = 50%                           | S2 = 30 min<br>S3 = 50%                              | S2 = 30 min<br>S3 = 50%                              |
| Power supply              | 230 Vac - 50/60 Hz                                | 230 Vac - 50/60 Hz                                | 230 Vac - 50/60 Hz<br>120 Vac - 50/60 Hz (J version) | 230 Vac - 50/60 Hz<br>120 Vac - 50/60 Hz (J version) |
| Motor power supply        | 24 Vdc  | 24 Vdc  | 24 Vdc   | 24 Vdc   |
| Power input               | 1.2 A   | 1.5 A   | 1.5 A<br>3 A (J version)                             | 2 A<br>4 A (J version)                               |
| Thrust                    | 400 N   | 600 N   | 500 N  | 1000 N   |
| Opening and closing speed | 0.1 - 0.25 m/s                                    | 0.1 - 0.24 m/s                                    | 0.1 - 0.4 m/s  | 0.1 - 0.19 m/s                                       |
| Protection rating         | IP 24D  | IP 24D  | IP 24D   | IP 24D   |
| Operating temperature     | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled) | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled) | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled)    | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled)    |

## MAIN FUNCTIONS OF THE SYSTEM

| Description  | NEOS 400 - NEOS 600 - NEOS 600 SF - NEOS 600 SFJ | NEOS+ 400 - NEOS+ 600 - NEOS+ 1000 - NEOS+ 1000J         |
|--|--|--|
| Control panel  | ref. CS12E with integrated radio receiver        | ref. CS12M with integrated radio receiver                |
| Radio frequency  | 433.92 MHz standard - 868.35 Mhz (with ZENPR2)   | 433.92 MHz standard - 868.35 MHz (with ZENPRS or ZENPR2) |
| Batteries  | ■ optional with SBU                              | ■ optional with SBU                                      |
| Solar-energy ready   | ■ optional with SBU                              | ■ optional with SBU                                      |
| Accessories power supply                                   | 24 Vdc / 0.3 A                                   | 24 Vdc / 0.5 A   |
| Flashing light   | 24 Vdc   | 24 Vdc   |
| Automation-system status indicator output                  |  | ■  |
| Courtesy light output (up to 400 W)                        |  | ■  |
| Integrated datalogging (counters and recent alarm history) | ■ (can be viewed on display)                     | ■ (can be viewed on display and on PC with SW Amigo)     |
| Micro USB connection for PC diagnostics                    |  | ■  |
| Automatic closure activated by external timer              |  | ■  |
| 8,2 KΩ-resistance safety rib                               | ■ (with accessory)                               | ■ (with accessory)                                       |
| Force and speed setting                                    | via display                                      | via display  |
| ODS - Obstruction Detection System                         | ■  | ■  |
| Braking / Slowing down                                     | via display                                      | via display  |
| Partial opening control                                    | ■ (only with remote control)                     | ■ (with remote control and selector)                     |
| Open/close control   | ■  | ■  |
| Timer controlled automatic closing                         | ■  | ■  |
| Hold-to-run control  | ■  | ■  |
| Emergency stop/reverse                                     | ■  | ■  |
| Safety-test function                                       | ■  | ■  |
| Soft Start   | ■  | ■  |