

UNDER

UNDERGROUND ELECTROMECHANICAL GEAR MOTOR FOR SWING GATES WITH LEAVES
UP TO 3,5 m, 24 Vdc AND 230 Vac



PLUS

New shell compatible with other producers' foundation boxes

New unlock lever with key and integrated pull lever

Opening and closing mechanical stops included

Adjustable speed and slowdown functions

24 Vdc motor without encoder

Possibility to choose between 1.5 m and 10 m cable motor (for 230 Vac)

New foundation box CF3

UNDER FAST: opening speed at 90° in 10 seconds * **FASTLINE**

Compatible with 24Vdc control unit 14AB2, (pag.138 for technical details)

Compatible with 230Vac control unit CT202, (pag. 143 for technical details)



High precision mechanical stops



Bronze and tempered steel internal gears for maximum reliability






Internal and external unlock with special metal key




Easy maintenance thanks to the double greasers both on housing and gear motor

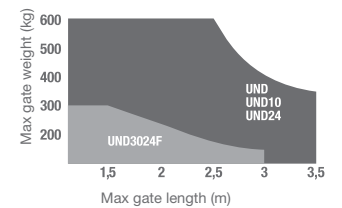
* slow down phase excluded

MODELS

| CODE | DESCRIPTION | PCS PALLET |
|--|--|--|
| UND | For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 1.5 m (1 pc) | 36 |
| UND10 | For swing gates with maximum length 3,5 m, 230 Vac motor, with opening and closing mechanical stops. Cable length 10 m (1 pc) | 36 |
|  UND24 | For swing gates with maximum length 3,5 m, 24 Vdc motor, without encoder, with opening and closing mechanical stops (1 pc) | 36 |
|  UND3024F | For swing gates with maximum length 3 m, 24 Vdc motor, with encoder, with opening and closing mechanical stops (1 pc) |  36 |

| | | UND | UND10 | UND24 | UND3024F |
|------------------------|--------|-----------------|-----------------|-----------------|--|
| MECHANICAL DATA | | | | | |
| torque | Nm | 300 | 300 | 250 | 150 |
| working cycle | % | 30 | 30 | 80 | 50 |
| opening time at 90° | sec | 20 | 20 | 18-25 | 10-15 |
| ELECTRICAL DATA | | | | | |
| control board | | CT202 | CT202 | 14AB2 | 14AB2F  |
| power | Vac | 230 | 230 | - | - |
| | Vdc | - | - | 24 | 24 |
| consumption | A | 1 | 1 | 5 | 5 |
| absorbed power | W | 230 | 230 | 120 | 120 |
| capacitor | µF | 10 | 10 | - | - |
| thermoprotection | °C | 150 | 150 | - | - |
| GENERIC DATA | | | | | |
| protection degree | IP | 67 | 67 | 67 | 67 |
| dimensions (L - D - H) | mm | 412 - 346 - 160 | 412 - 346 - 160 | 412 - 346 - 160 | 412 - 346 - 160 |
| weight | kg cad | 11 | 11 | 10,8 | 10,8 |
| working temperature | °C | -20 + 55 | -20 + 55 | -20 + 55 | -20 + 55 |
| leaves maximum weight | Kg | 600 | 600 | 600 | 500 |

LIMIT USE



Gate shape and height and weather conditions can considerably reduce the values shown above, in the graph. 230 Vac motors are suggested for windy areas

ACCESSORIES



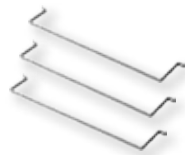
ELS-C
Horizontal 12 V
electrolock

PC 1



KBP
Battery back-up
kit

PC 1



KITFIXBATT
Fixing batteries
brackets

PC 1



SB3
Unlock lever with
key

PC 1



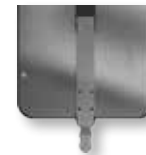
OP110
Kit for over 110°
opening.
Leaf length max
3000 mm

PC 1



ADUN
Fixing kit for other
producers' boxes

PC 1



CF3 *
Cataphoresis
housing box with
connecting levers

PC 1



CI3 *
Stainless steel
housing box, with
connecting levers

PC 1



CF2SB *
Cataphoresis
housing box,
without
connecting levers

PC 1



14AB2
Control unit in box
for two 24 Vdc
motors

PC 1



CT202 24
Control unit in
box for two 24
Vdc motors (for
UND24)

PC 1



CT202
Control unit in box
for two 230 Vac
motors

PC 1



TS
Warning board

PC 1

* 36 PCS PALLET