

# SUN

ELECTROMECHANICAL GEAR MOTOR FOR SLIDING GATES UP TO 1100 Kg, 24 Vdc



Like all the other Night Light System models, SUN has an extremely silent mechanics, thanks to a neat design and the use of top performance materials

High technological materials resistant to weather conditions

Gear reduction with extra-large bearing with high performance

Extremely silent mechanics, protected by robust die-cast and powder-coated aluminum body

UV-resistant plastic covers

With 24 Vdc control unit 14A (page 144 for technical details)

Back-up battery (optional) on board

Magnetic limit switch version upon request

SUN FAST: Opening speed up to 40 cm/sec  
**FASTLINE**

The release system is ergonomic, efficient and easily accessible



## MODELS

| CODE     | DESCRIPTION  | PCS PALLET |
|----------|--|------------|
| SUN4024  | For sliding gates up to 400 Kg, 24 Vdc motor, control unit with slowdown and electric limit switch, with 14A control board (1 pc)  | 36         |
| SUN7024  | For sliding gates up to 700 Kg, 24 Vdc motor, control unit with slowdown and electric limit switch, with 14A control board (1 pc)  | 36         |
| SUN11024 | For sliding gates up to 1100 Kg, 24 Vdc motor, control unit with slowdown and electric limit switch, with 14A control board (1 pc) | 36         |
| SUN5024F | For sliding gates up to 500 Kg, 24 Vdc motor, control unit with slowdown and magnetic limit switch, with 14A control board (1 pc)  | 36         |



Control board 14A




Built-in LED light



Robust gear reduction with self-standing bearing



Stylish design screwless at sight

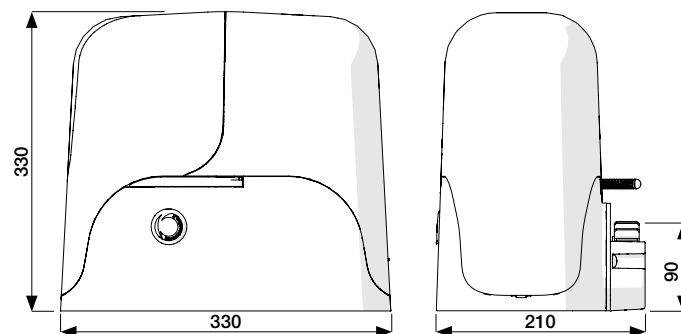
|                        |      | SUN4024         | SUN7024         | SUN11024        | SUN5024F   |
|------------------------|------|-----------------|-----------------|-----------------|--|
| <b>MECHANICAL DATA</b> |      |                 |                 |                 |  |
| speed                  | cm/s | 26*             | 25*             | 20*             | 40*  |
| torque                 | Nm   | 18              | 26              | 38              | 23   |
| working cycle          | %    | 80              | 80              | 80              | 80   |
| <b>ELECTRICAL DATA</b> |      |                 |                 |                 |  |
| control board          |      | 14A             | 14A             | 14A             | 14AF  |
| power                  | Vac  | 230             | 230             | 230             | 230  |
| consumption            | A    | 1,2             | 1,5             | 1,8             | 1,3  |
| absorbed power         | W    | 250             | 345             | 360             | 300  |
| capacitor              | µF   | -               | -               | -               | -  |
| thermoprotection       | °C   | -               | -               | -               | -  |
| integrated lights      |      | yes             | yes             | yes             | yes  |
| <b>GENERIC DATA</b>    |      |                 |                 |                 |  |
| protection degree      | IP   | 44              | 44              | 44              | 44   |
| dimensions (L - D - H) | mm   | 330 - 210 - 300 | 330 - 210 - 300 | 330 - 210 - 300 | 330 - 210 - 300  |
| weight                 | kg   | 12              | 12,5            | 13              | 13   |
| working temperature    | °C   | -20 + 55        | -20 + 55        | -20 + 55        | -20 + 55   |
| gate maximum weight    | Kg   | 400             | 700             | 1100            | 500  |

\* variable according to the gate weight  
Models of 700 kg and upward are recommended for condominium installations

## INSTRUCTIONS



## DIMENSIONS



## ACCESSORIES



**CREM-P \***  
M4 nylon rack L=1000 mm for gates up to 800 kg



**CREM-8 \*\***  
M4 zinc coated rack 30x8 mm L=1000 mm



**CREM-12 \*\***  
M4 zinc coated rack 30x12 mm L=1000 mm



**KBP**  
Battery back-up kit



**999KSUND**  
Colour change kit RAL 7016



**KCS**  
Unlock kit with key



**550CABL045A00 \*\*\***  
Special cable for Eclipse RG174 50 Ohm + 4 x 0,50 mm<sup>2</sup> (100m)



**SEL-M**  
Key selector, metal front, plastic back

PC 1



**SEL-EU**  
Key selector with European cylinder, metal front and back

PC 1



**DYL**  
Display module  
Cable length 120 cm (only 14A)

PC 1



**KUBEPRO**  
Wireless module for programming (only 14A)

PC 1



**KUBE**  
Module for automation control from smartphone

PC 1



**TWIN**  
Interface for master/slave function (SUN7024 and SUN11024)

PC 1



**TS**  
Warning board

PC 1

we recommend not to exceed 4 mt connection length to avoid significant radio range losses \*\*\*

PACK OF 10 PCS \*  
PACK OF 4 PCS \*\*