



Protective flap complete with courtesy light (21 W). Users can connect and programme the control unit, modify its functions and change the lamp without having to disassemble the casing

New release system with 4 m long cord

**For sectional doors\* up to 20 m<sup>2</sup>.**  
24 Vdc electromechanical gear motor with Nice BlueBUS technology and with absolute encoder.

\*For sectional doors equipped with anti-crash safeguard system (safety device useful in case of spring breaking).

**Compatible for operation with Solemyo and Opera systems.**

**Easy to install:** Soon can be fitted directly onto the shaft of a sectional door; compact, particularly in width, in order to make assembly easy in any position.

**User-friendly thanks to the BlueBUS system** that enables users to connect the photocell couples and control unit using just two wires.

**Practical:** the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside the motor.

**Energy saving:** when the system is not being used it will switch over to standby.

**Reliable and precise:** memorization of limit switch positions on opening and closing; gradual starting and slowdown during closing; the absolute encoder technology guarantees precision without the need of a limit switch, reliability and long term safeguard of the set values.

**Safe:** obstacle detection system; motor absorption is monitored during movement, self-diagnosis by means of a flashing light and courtesy light. Last generation of 8.2 KOhm optical and sensitive edges can also be connected.

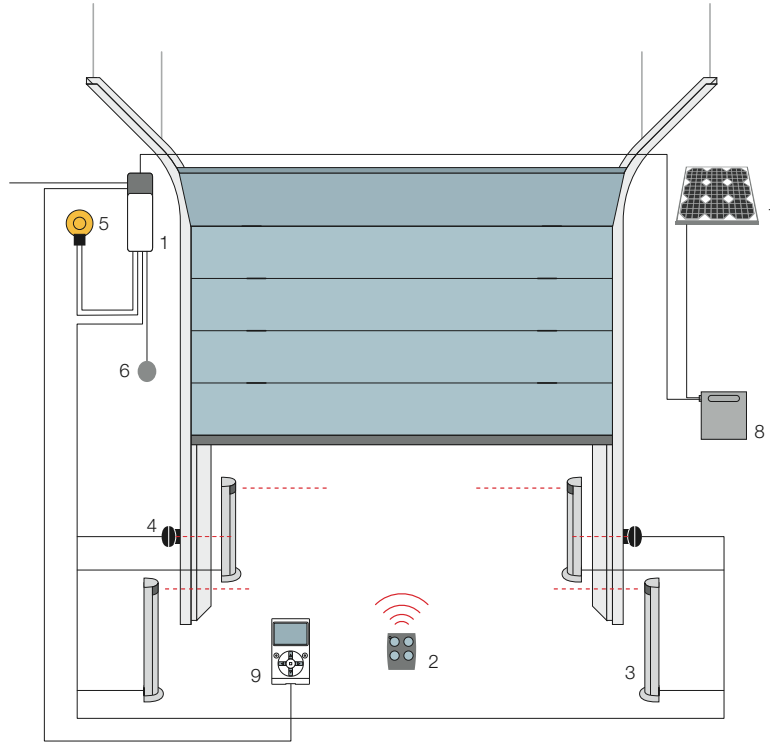
| Code   | Description   | Pack/pallet |
|--------|---|-------------|
| SO2000 | Irreversible, 24 Vdc, with absolute encoder for doors up to 5 m in height | 20          |

**Technical specifications**

| Code                                | SO2000        |
|-------------------------------------|---------------|
| <b>Electrical data</b>              |               |
| Power supply (Vac 50/60 Hz)         | 230           |
| Absorption (A)                      | 1.6           |
| Power (W)                           | 350           |
| <b>Performance data</b>             |               |
| Speed (Rpm)                         | 30            |
| Torque (Nm)                         | 50            |
| Work cycle (cycles/hour)            | 15            |
| <b>Dimensional and general data</b> |               |
| Protection level (IP)               | 40            |
| Working temp. (°C Min/Max)          | -20 ÷ +50     |
| Dimensions (mm)                     | 115x300x375 h |
| Weight (kg)                         | 10.5          |

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

**Sectional**



1. Motor 2. Transmitter 3. Photocells mounted on posts 4. Photocells 5. Flashing light 6. Digital or key switches  
 7. SYP\* solar panel 8. PSY24\* battery box 9. O-View\* multifunction display.  
 \*Optional connection to Solemyo and Opera systems.

**Accessories**



**SOA2**  
Spare control unit for SO2000.



**PS124**  
24 V battery with integrated battery charger.  
Pc/pack 1



**TMF**  
Pair of photocells for optical type sensitive edge.  
Pc/pack 1



**CRA9**  
Adapter for diameter 31.75 (1.1/4\"/>



**TS**  
Signboard.  
Pc/pack 1

**Solemyo system**



The solar power kit Solemyo to automate gates, garage doors or barrier gates, including those located far from the power mains and without the need for costly and invasive excavation work. See pages 180/181

**Opera system**



The innovative Opera system enables the installer to manage, program and control automation systems, also remotely, simply and safely, with significant savings in time. See pages 130/149