



**For swing gates with leaves up to 3.5 m, ideal for large columns.** Irreversible electromechanical 24 Vdc gearmotor with articulated arm, surface mounted. Ideal for intensive use.

**Reliable,** durability thanks to the housing in aluminium with polyester paint finish, resistant to atmospheric agents.

**Ultra-powerful and delicate:** thanks to the torque of 500 Nm and encoder technology, for millimetric precision and reliability. Safety in movement with dual technology obstacle detection.

**Two irreversible 24 Vdc versions** with limit switches on opening and closing: with built-in control unit (HK7024) and without control unit (HK7224).

**Practical and quick installation:** the articulated arm is adjustable in length for maximum flexibility.

**Simple and precise limit switch adjustment:** mechanical stops and micrometric adjustment screws.

**Easy to operate release lever,** with metal lock and personalised Nice key. With provision for cable control.

**Savings, respect for the environment, and autonomy:** when connected to the buffer battery or Solemyo kit, consumption on standby is just 0.1 W.

**No black out:** with the optional batteries (PS124) housed inside the gear motor.

**Built-in control unit (HK7024):**

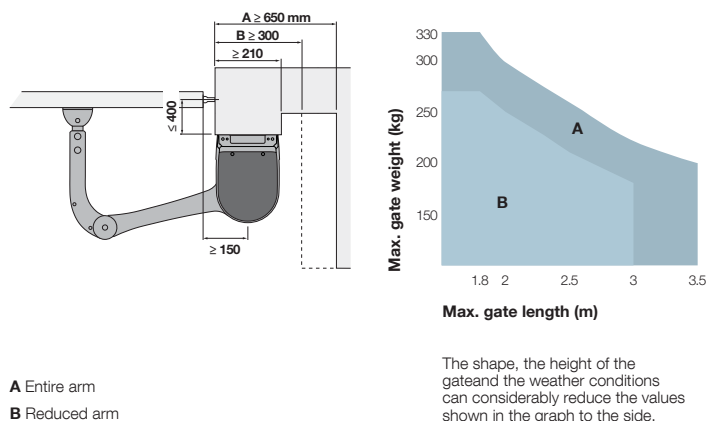
- simple programming via a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- pause time programming;
- pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- provision for connection of latest generation sensitive edges.

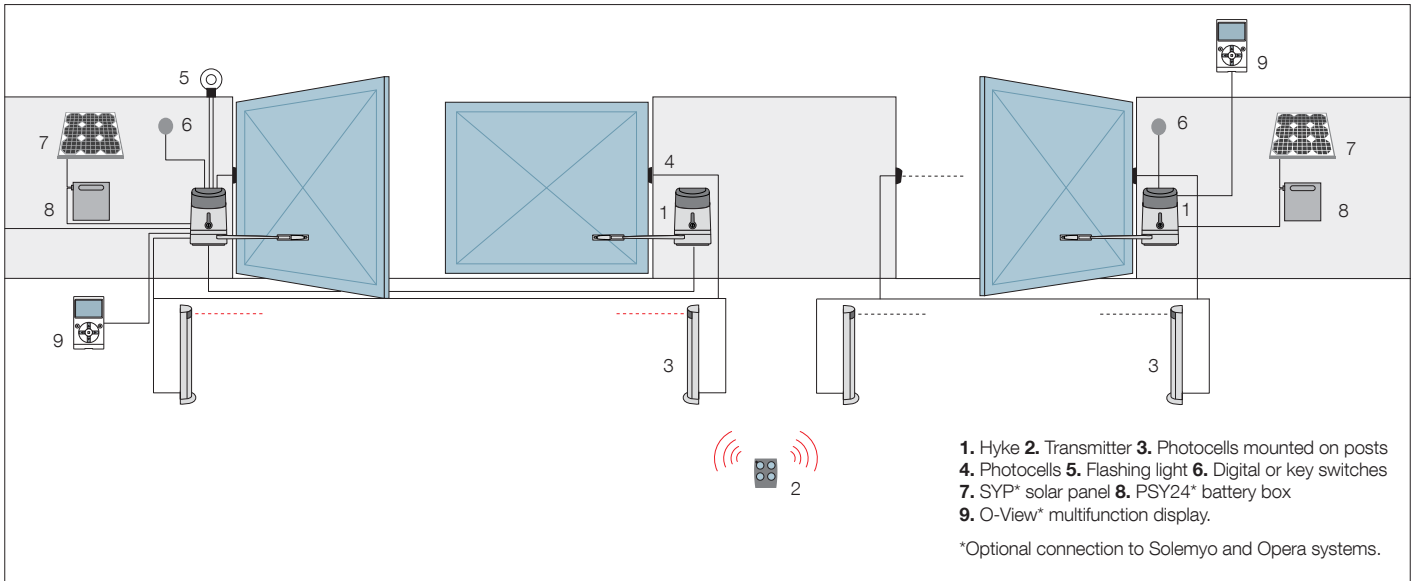
Code	Description	Pack/pallet
HK7024	Irreversible 24 Vdc, complete with articulated arm and built-in control unit	12
HK7224	Irreversible 24 Vdc, complete with articulated arm without control unit	12

**Technical specifications**

Code	HK7024	HK7224
<b>Electrical data</b>		
Power supply (Vac 50/60 Hz)	230	-
Power supply (Vdc)	-	24
Absorption (A)	1.5	6
Power (W)	300	140
<b>Performance data</b>		
Speed (Rpm)	2.25	
Torque (Nm)	500	
Work cycle (cycles/hour)	40	
<b>Dimensional and general data</b>		
Protection level (IP)	54	
Working temp. (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	290x210x320 h	
Weight (kg)	10.5	9.5

**Utilisation limits**





**Accessories**



**HKA1**  
Spare control unit for HK7024.



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



**PLA10**  
Vertical 12 V electric lock (required for gates longer than 3 m).  
Pc/pack 1



**PLA11**  
Horizontal 12 V electric lock (required for gates longer than 3 m).  
Pc/pack 1



**KIO**  
Key-operated selector switch for low voltage contacts, with release mechanism for metal cord.  
Pc/pack 1



**KA1**  
6 m cable release kit for KIO.  
Pc/pack 1



**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 186/187

**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 140/141