



**For swing gates with leaves up to 2.5 m long and 600 kg in weight and 3.5 m long and 350 kg in weight, underground installation. Compatible for operation with Nice Solemyo and Opera systems.**  
Irreversible 24 Vdc electromechanical gear motor with magnetic encoder. Perfect for intensive use.

**New foundation box MECF externally chamfered**, with mechanical stop on opening and **cataphoresis paint finish**, highly resistant to corrosion.

**Reliable and resistant:** motors made up of solid internal parts in metal and bronze alloy. IP67 waterproof die cast aluminium.

**Total freedom of choice:** release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

**Simple to use:** mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

**Totally compatible** with the previous Metro series.

Recommended control unit Moonclever **MC824H**, equipped with Nice BlueBUS technology and provision for operation with the systems Solemyo and Opera:

- simple programming, by means of a single key;
- self-learning of opening and closing limit positions;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

Code	Description
<b>ME3024</b>	Irreversible 24 Vdc electromechanical gear motor with magnetic encoder, complete with connecting lever and mechanical stop for the closing manoeuvre, for gates up to 2.5 m long and 600 kg in weight and 3.5 m long and 350 kg in weight
<b>MECF</b>	Externally chamfered foundation box with cataphoresis finish with mechanical stop on opening

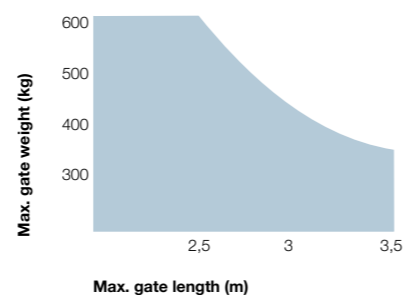
**Note:** key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

## Technical specifications

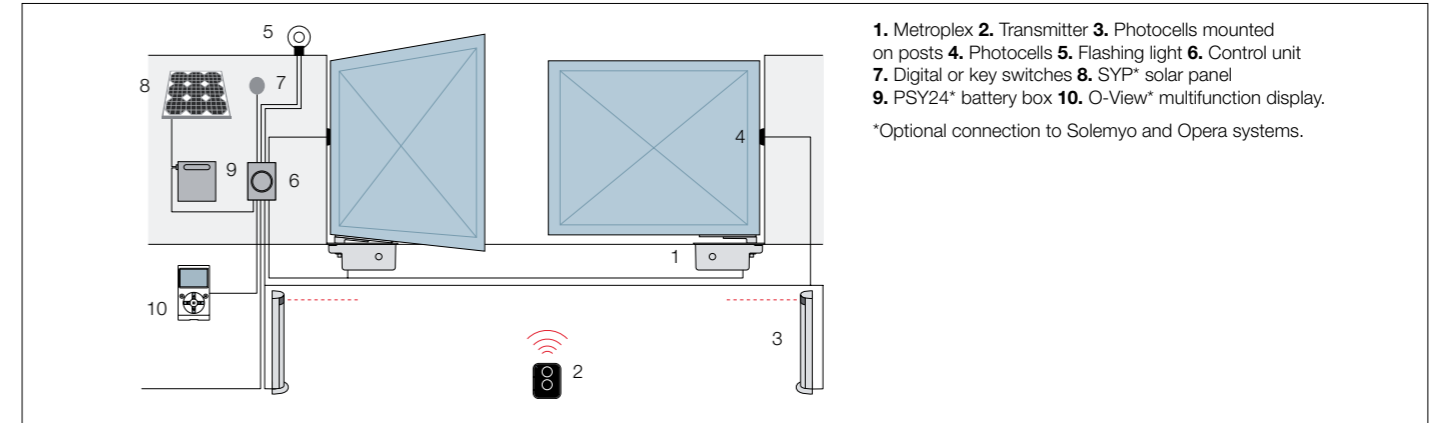
Code	ME3024
<b>Electrical data</b>	
Power supply (Vac 50 Hz)*	-
Power supply (Vdc)	24
Absorption (A)	5
Power (W)	120
<b>Performance data</b>	
Speed (Rpm)	1.4
Torque (Nm)	250
Work cycle (%)	80
<b>Dimensional and general data</b>	
Protection level (IP)	67
Working temp. (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	390x322x194.5 h
Weight (kg)	11

\*60 Hz version available on request.

## Utilisation limits



The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side. Use in windy areas 230 Vac models.



1. Metroplex 2. Transmitter 3. Photocells mounted on posts 4. Photocells 5. Flashing light 6. Control unit 7. Digital or key switches 8. SYP\* solar panel 9. PSY24\* battery box 10. O-View\* multifunction display.  
\*Optional connection to Solemyo and Opera systems.

## Accessories for a complete installation:

<p><b>MC824H</b> Complete control panel for single or double swing gates including MCA1 control board.</p>	<p><b>MCA1</b> Spare control board for MC824H.</p>	<p><b>MEA2</b> Key unlock system.</p>	<p><b>MEA3</b> Lever-type key unlock system to use when system is installed on surfaces such as sand or earth.</p>	<p><b>MEA5</b> Lever-type unlock key for MEA3.</p>	<p><b>MEA6</b> Limit switch bracket, for installations where box embedding in concrete is not possible.</p>
<p><b>MEA1</b> Accessory for opening up to 360° for gates max. 2.5 m in length.</p>	<p><b>PLA10</b> Vertical 12 V electric lock (required for gates longer than 3 m).</p>	<p><b>PLA11</b> Horizontal 12 V electric lock (required for gates longer than 3 m).</p>	<p><b>PS324</b> 24 V battery with integrated battery charger.</p>		

## 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 78/79

## 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 80/81

Metro Box: brand new models of externally chamfered foundation box ensuring optimal resistance to corrosion!

