

Metro

For swing gates with leaves up to 3.5m, underground installation.

Electromechanical gear motor irreversible, also in 24Vdc version, with magnetic encoder.

Complete range: 4 types of gear motors and 4 models of foundation boxes, with or without key-operated unlock system, and complete with lever and rotation pin.

Long-lasting: reinforced foundation box, 2.5mm thick, internal welding, and optimised galvanisation; internal parts in bronze alloy and metal.

Recommended control units:

Mindy A3, A3F, A6, A6F, A60, A700F; for ME3024 Mindy A824

Easy to use: metal, key-operated unlock system, from both inside and out, easy to operate one-handed.

New system of mechanical stop in closing Standard opening max. 110°, optional opening 360°.

24Vdc version with magnetic encoder, perfect for intensive use

- easy programming by pressing a single button
- clutch with anti-crush safety feature
- automatic memorization of limit switches in opening and closing with self-learning function
- pause time programming; partial opening; slowdown during opening and closing
- the system will operate during a blackout by means of rechargeable batteries

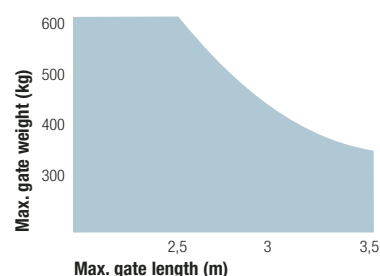


| Code | Description | Pack/pallet |
|----------------|---|-------------|
| ME3024 | irreversible, 24Vdc, with magnetic encoder, complete with connecting lever and mechanical stop for the closing manoeuvre | 18 |
| ME3000 | irreversible, 230Vac, fast, greased, complete with connecting lever and mechanical stop for the closing manoeuvre | 18 |
| ME3000L | irreversible, 230Vac, slow, greased, complete with connecting lever and mechanical stop for the closing manoeuvre | 18 |
| ME3010 | irreversible, 230Vac, lubricated in an oil bath, complete with connecting lever and mechanical stop for the closing manoeuvre | 18 |

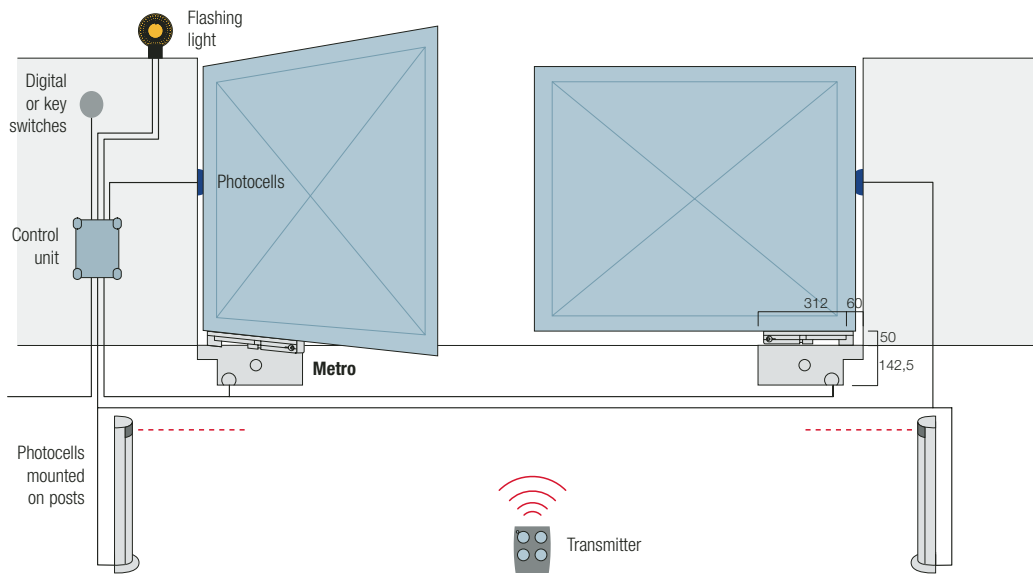
| Code | Description | Pack/pallet |
|-------------|--|-------------|
| MEC | foundation box in electrolytic, galvanized steel, with key-operated unlock system and mechanical stop in opening | 20 |
| MECI | foundation box in stainless steel, with key unlock system and mechanical stop in opening | 20 |
| MEC1 | foundation box in hot-galvanized steel, with key unlock system and mechanical stop in opening | 20 |
| MECO | foundation box in hot-galvanized steel, without key unlock system and mechanical stop in opening | 20 |

| Technical specifications | | ME3024 | ME3000 | ME3000L | ME3010 |
|--------------------------|--------------|---------------|--------|---------|--------|
| Power | (Vac 50Hz) | - | 230 | | |
| | (Vdc) | 24 | - | | |
| Current absorbed | (line) (A) | 5 | 1.2 | 1.3 | 1.2 |
| Power absorbed | (W) | 120 | 250 | 300 | 250 |
| Supplied capacitor | (µF) | - | 10 | | 12 |
| Protection level | (IP) | 67 | | | |
| Torque | (Nm) | 250 | 300 | 250 | 300 |
| Speed | (Rpm) | 1.4 | 1.14 | 0.8 | 1.14 |
| Working temp. | (°C Min/Max) | -20 ÷ +50 | | | |
| Thermal cut-out | (°C) | - | 140 | | |
| Work cycle | (%) | 80 | 30 | | 40 |
| Dimensions | (mm) | 372x192.5x306 | | | |
| Weight | (kg) | 11 | | | 11.5 |

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 230Vac models.



Approximate draft

Accessories



MEA1
accessory for opening up to 360° for gates max. 2.5m in length

Pc./pack 1



PLA10
vertical 12V electric lock (required for gates longer than 3m)

Pc./pack 1



PLA11
horizontal 12V electric lock (required for gates longer than 3m)

Pc./pack 1



MEA2
key unlock system for MECO

Pc./pack 1



MEA3
lever-type key unlock system to use when system is installed on surfaces such as sand or earth

Pc./pack 1



MEA5
lever-type unlock key

Pc./pack 4



TS
signboard

Pc./pack 1

Accessories for ME3024



CARICA
plug-in card for battery charger for use with A824

Pc./pack 1



B12-B
12V 6Ah batteries

Pc./pack 1



B12V-C
12V 2Ah batteries

Pc./pack 1



BA3-A
Nice box for batteries

(see spare parts price-list)