

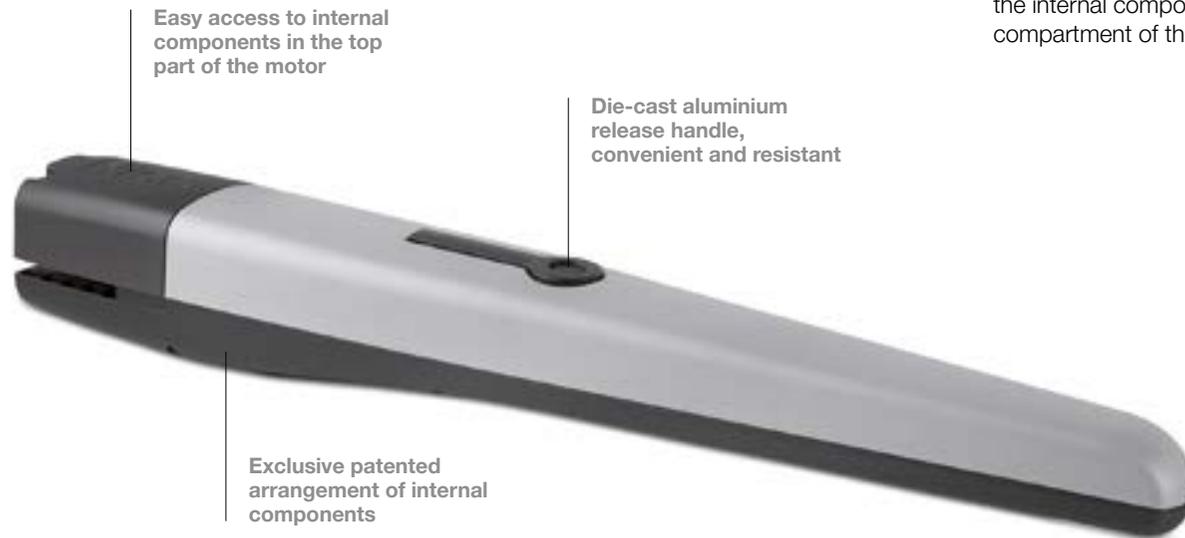
Nice

Toona 4

For swing gates with leaves up to 3 m.

Ideal for residential applications.

 Also available in a KIT



Easy access to internal components in the top part of the motor

Die-cast aluminium release handle, convenient and resistant

Exclusive patented arrangement of internal components

Electromechanical gearmotor, surface mounted. Also available in 24 VDC version, with magnetic encoder.

Easy installation and maintenance: with built-in condenser.

Recommended control units: MC800, Moonclever MC824H for TO4024.

Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

24 VDC version with magnetic encoder. **Ideal for intensive use**, compatible with Moonclever MC824H control unit.

Moving internal parts made entirely of steel, light alloys and technopolymers.

Quiet: patented arrangement of internal components and bronze screw.

Handy, capacious connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

BlueBus

BiDi

Programmable via App

MyNice Pro per Android

MyNice Pro per IOS

24V

Yubii

With Pro-View or Bidi-WiFi & MyNice Pro App.



230V

Solemyo

Opera



SCAN ME

SCAN ME

| Code | Description | Pcs./Pallet |
|-----------------------|--|-------------|
| TO4024 | Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening | 20 |
| TO4005 | Non-reversible, 230 VAC, fast, with limit switch in opening | 20 |
| TO4006 | Non-reversible, 230 VAC, fast, with limit switches in opening and closing | 20 |
| TO4015 | Non-reversible, 230 VAC, slow, with limit switch in opening | 20 |
| TO4605 | Reversible, 230 VAC, fast, with limit switch in opening | 20 |
| TOONA4024BDKCE | Kit for automating swing gates with leaves up to 3 m, 24 VDC, surface mounted, with bidirectional technology | 15 |



The TOONA4024BDKCE kit contains:

| Code | Description | Quantity |
|---------------|--|----------|
| TO4024 | Electromechanical gearmotor, non-reversible, surface mounted with mechanical stop in opening | 2 |
| MYGO4 | 4-channel 433.92 MHz transmitter | 2 |
| MC824H | Control unit with OXIBD plug-in bidirectional radio receiver included | 1 |
| EPMB | Pair of surface mounted photocells with provision for connection via Nice BlueBUS | 1 |
| ELDC | Flashing LED light with integrated antenna | 1 |
| TS | Sign | 1 |

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

| Code | Description | Pcs. Pack |
|--------------|---|-----------|
| PLA6 | Rear bracket, length 250 mm | 1 |
| PLA14 | Screw-on adjustable rear bracket | 2 |
| PLA15 | Screw-on adjustable front bracket | 2 |
| PLA16 | Articulated rear bracket | 1 |
| PLA10 | Vertical 12 V electric lock | 1 |
| PLA11 | Horizontal 12 V electric lock | 1 |
| PLA13 | Mechanical limit switch in opening or closing | 4 |
| TS | Sign | 1 |

ACCESSORIES FOR 24 V VERSIONS

| Code | Description | Pcs. Pack |
|----------------|---|-----------|
| PSS324 | 24 V battery with integrated battery charger | 1 |
| SYKCE30 | Solar power supply kit consisting of SYP30 photovoltaic panel, PSY24 battery box with charging control circuit and SYA1 charger | 1 |

Find out more on page → 88.

TECHNICAL SPECIFICATIONS

| Code | TO4024 | TO4005 | TO4006 | TO4015 | TO4605 |
|------|--------|--------|--------|--------|--------|
|------|--------|--------|--------|--------|--------|

ELECTRICAL SPECIFICATIONS

| | | | | | |
|---------------------------|-----|-----|--|-----|--|
| Power supply (VAC 50 Hz)* | - | 230 | | | |
| Power supply (VDC) | 24 | - | | | |
| Draw (A) | 5 | 1,5 | | 1,3 | |
| Power (W) | 120 | 340 | | 300 | |

PERFORMANCE DATA

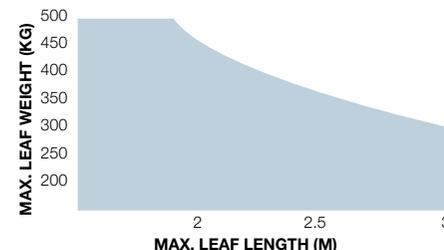
| | | | | |
|-----------------------------|-------|----|-------|-------|
| Speed (m/s) | 0,016 | | 0,013 | 0,016 |
| Force (N) | 1800 | | | |
| Working cycle (cycles/hour) | 95** | 58 | 54 | 50 |

DIMENSIONAL AND GENERAL DATA

| | | | | |
|------------------------------------|---------------|--|--|--|
| Protection class (IP) | 44 | | | |
| Operating temperature (°C Min/Max) | -20 ÷ +50 | | | |
| Dimensions (mm) | 820x115x105 h | | | |
| Weight (kg) | 6 | | | |

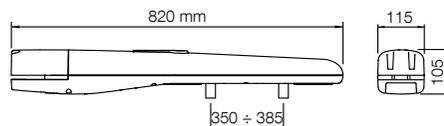
* 60 Hz version available on request. ** With optimal installation.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

| TO4024 | TO4005 | TO4006 | TO4015 | TO4605 |
|---|--------|--------|--------|--------|
| Control unit/Receiver | | | | |
| Integrated* | | | | |
| • MC824H / OXIBD / OXILR | | | | |
| • • • • MC800 / OXIBD / OXILR | | | | |
| Transmitter | | | | |
| • • • • • ERA INTI - 2 channels, 433.92 MHz, different colours | | | | |
| • • • • • ERA ONE / MYGO - 2, 4 or 8 channels, 433.92 MHz | | | | |
| • • • • • MYGOBD / ERA ONE LR | | | | |
| • • • • • DOMi | | | | |
| Photocells | | | | |
| • • • • • EPS - Slim / EPM - Medium / EPL - Large | | | | |
| • • • • • EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS | | | | |
| • • • • • EPMOR - Medium, reflective | | | | |
| • • • • • EPMORB - Medium, BlueBUS, reflective | | | | |
| • • • • • EPMOW - Medium, wireless self-synchronised | | | | |
| • • • • • F210 - Synchronised, adjustable / FT210 - For sensitive edges | | | | |
| • • • • • F210B - BlueBUS | | | | |
| FT210B - For sensitive edges, BlueBUS | | | | |
| Flashing light | | | | |
| • • • • • ELAC | | | | |
| • ELDC | | | | |
| • WLT - Multifunction LED light | | | | |

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

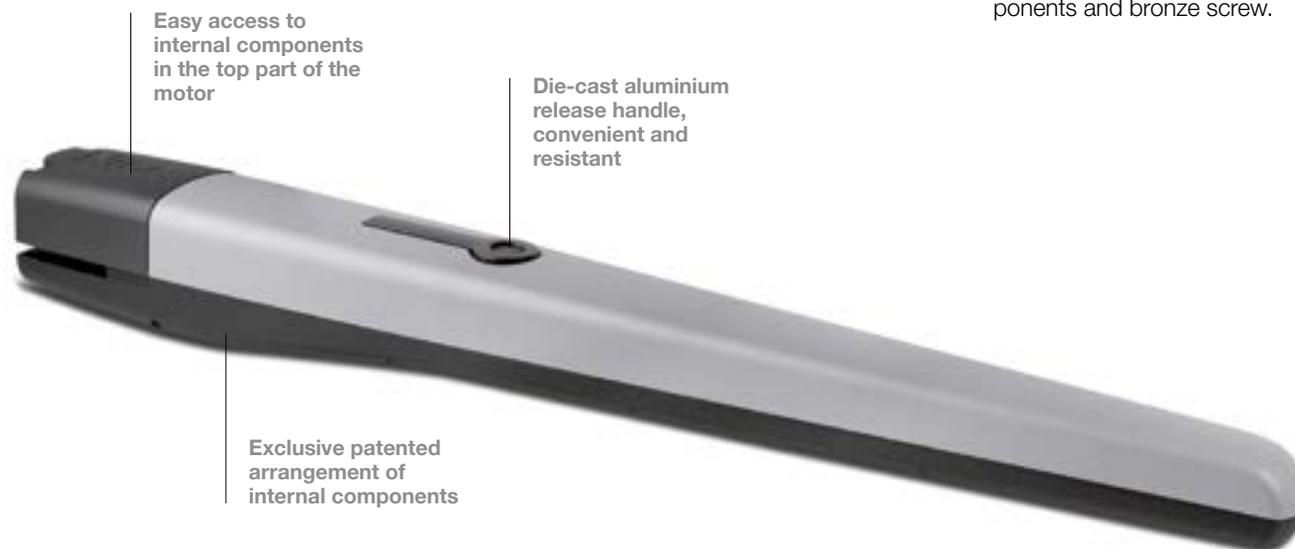
Toona 5

For swing gates with leaves up to 5 m.

Ideal for residential and industrial applications.



Also available in a KIT



Easy access to internal components in the top part of the motor

Die-cast aluminium release handle, convenient and resistant

Exclusive patented arrangement of internal components

Electromechanical gearmotor, surface mounted. Also available in 24 VDC version, with magnetic encoder.

Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

Moving internal parts made entirely of steel, light alloys and technopolymers.

TO5024I ideal for intensive workloads, the 2200 Nm torque enables it to work in a continuous cycle on large gates.

Quiet: patented arrangement of internal components and bronze screw.

Handy, capacious connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Easy installation and maintenance: with built-in condenser.

Recommended control units: MC800, Moonclever MC824H for TO5024 and TO5024I.

24 VDC version with magnetic encoder. **Ideal for intensive use**, compatible with Moonclever MC824H control unit.

BlueBus

24V

230V

BiDi

Yubii

Solemyo

Opera

Programmable via App

With Pro-View or Bidi-WiFi & MyNice Pro App.



MyNice Pro per Android



SCAN ME

MyNice Pro per IOS



SCAN ME

| Code | Description | Pcs./Pallet |
|-----------------------|--|-------------|
| TO5024 | Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening | 20 |
| TO5024I | Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening, for intensive use | 20 |
| TO5015 | Non-reversible, 230 VAC, slow, with limit switch in opening | 20 |
| TO5016 | Non-reversible, 230 VAC, slow, with limit switch in opening and closing | 20 |
| TO5605 | Reversible, 230 VAC, fast, with limit switch in opening | 20 |
| TOONA5024BDKCE | Kit for automating swing gates with leaves up to 5 m, 24 Vdc, surface mounted, with bidirectional technology | 15 |



The TOONA5024BDKCE kit contains:

| Code | Description | Pcs. Pack |
|---------------|---|-----------|
| TO5024 | Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening | 2 |
| MYGO4 | 4-channel 433.92 MHz transmitter | 2 |
| MC824H | Control unit with OXIBD plug-in bidirectional radio receiver included | 1 |
| EPMB | Pair of surface mounted photocells with provision for connection via Nice BlueBUS | 1 |
| ELDC | Flashing LED light with integrated antenna | 1 |
| TS | Sign | 1 |

N.B. The contents of the pack may vary: always consult the dealer.

COMMON ACCESSORIES

| Code | Description | Pcs. Pack |
|--------------|---|-----------|
| PLA6 | Rear bracket, length 250 mm | 1 |
| PLA8 | Screw-on front bracket | 1 |
| PLA16 | Articulated rear bracket | 1 |
| PLA10 | Vertical 12 V electric lock (obligatory for leaves longer than 3 m) | 1 |
| PLA11 | Horizontal 12 V electric lock (obligatory for leaves longer than 3 m) | 1 |
| PLA13 | Mechanical limit switch in opening or closing | 4 |
| TS | Sign | 1 |

ACCESSORIES FOR 24 V VERSIONS

| Code | Description | Pcs. Pack |
|----------------|---|-----------|
| PSS324 | 24 V battery with integrated battery charger | 1 |
| SYKCE30 | Solar power supply kit consisting of SYP30 photovoltaic panel, PSY24 battery box with charging control circuit and SYA1 charger | 1 |

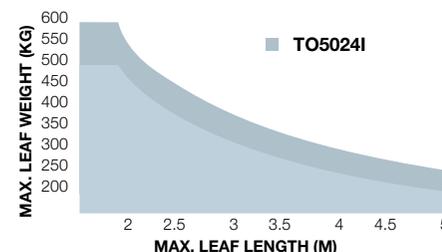
Find out more on page → 88.

TECHNICAL SPECIFICATIONS

| Code | TO5024 | TO5024I | TO5015 | TO5016 | TO5605 |
|-------------------------------------|---------------|---------|--------|--------|--------|
| ELECTRICAL SPECIFICATIONS | | | | | |
| Power supply (VAC 50 Hz)* | - | | 230 | | |
| Power supply (VDC) | 24 | | - | | |
| Draw (A) | 5 | | 1,5 | | 1,3 |
| Power (W) | 120 | | 340 | | 300 |
| PERFORMANCE DATA | | | | | |
| Speed (m/s) | 0,016 | | 0,013 | | 0,016 |
| Force (N) | 1800 | | 2200 | | 1800 |
| Working cycle (cycles/hour) | 95** | | 75*** | | 54 |
| DIMENSIONAL AND GENERAL DATA | | | | | |
| Protection class (IP) | 44 | | | | |
| Operating temperature (°C Min/Max) | -20 ÷ +50 | | | | |
| Dimensions (mm) | 965x115x105 h | | | | |
| Weight (kg) | 7 | | | | |

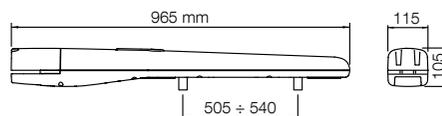
* 60 Hz version available on request. ** With optimal installation. *** The reduction in number of manoeuvres compared to the TO5024 version is solely related to the slower manoeuvring speed.

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph. The 230 VAC models are best for windy areas.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

| TO5024 | TO5024I | TO5015 | TO5016 | TO5605 |
|--|---|--------|--------|--------|
| Control unit/Receiver | | | | |
| Integrated* | | | | |
| • • | MC824H / OXIBD / OXILR | | | |
| • • • • | MC800 / OXIBD / OXILR | | | |
| Transmitter | | | | |
| • • • • • | ERA INTI - 2 channels, 433.92 MHz, different colours | | | |
| • • • • • | ERA ONE / MYGO - 2, 4 or 8 channels, 433.92 MHz | | | |
| • • • • • | MYGOBD / ERA ONE LR | | | |
| • • • • • | DOMI | | | |
| Photocells | | | | |
| • • • • | EPS - Slim / EPM - Medium / EPL - Large | | | |
| • • • • • | EP SB - Slim, BlueBUS / EP MB - Medium, BlueBUS / EPL B - Large, BlueBUS | | | |
| • • • • | EP MOR - Medium, reflective | | | |
| • • • • • | EP MOR B - Medium, BlueBUS, reflective | | | |
| • • • • • | EP MOW - Medium, wireless self-synchronised | | | |
| • • • • | F210 - Synchronised, adjustable / FT210 - For sensitive edges | | | |
| • • • • • | F210B - BlueBUS | | | |
| FT210B - For sensitive edges, BlueBUS | | | | |
| Flashing light | | | | |
| • • • | ELAC | | | |
| • • | ELDC | | | |
| • • | WLT - Multifunction LED light | | | |

* Radio receiver not compatible with the O-box functions of the Opera system.

Nice

Toona 7

For swing gates with leaves up to 7 m.

Ideal for intensive-use industrial applications.

Electromechanical gearmotor, surface mounted, powered at 24 VDC with magnetic encoder.

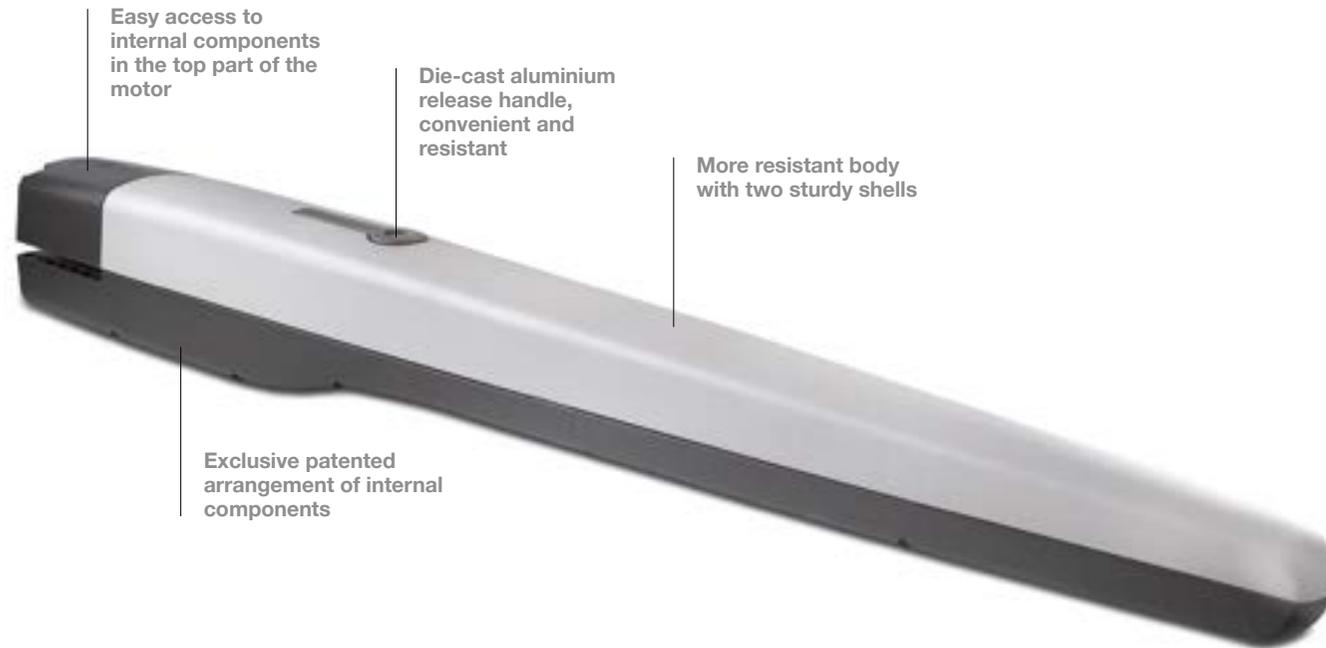
Quiet: patented arrangement of internal components and bronze screw.

Reliable and with a long working life: thanks to the body with two sturdy polyester painted aluminium shells; more weather-resistant.

Large, practical connection compartment: quick and easy access from above to the internal components located in the upper compartment of the motor.

Moving internal parts made entirely of steel, light alloys and technopolymers.

Moonclever MC824H control unit.



Easy access to internal components in the top part of the motor

Die-cast aluminium release handle, convenient and resistant

More resistant body with two sturdy shells

Exclusive patented arrangement of internal components

BlueBus

BiDi

Programmable via App

MyNice Pro per Android

MyNice Pro per IOS

24V

Yubii

With Pro-View or Bidi-WiFi & MyNice Pro App.



Solemyo

Opera



SCAN ME

SCAN ME

| Code | Description | Pcs./Pallet |
|---------------|---|-------------|
| TO7024 | Non-reversible, 24 VDC, with magnetic encoder, mechanical stop in opening and closing | 20 |

COMMON ACCESSORIES

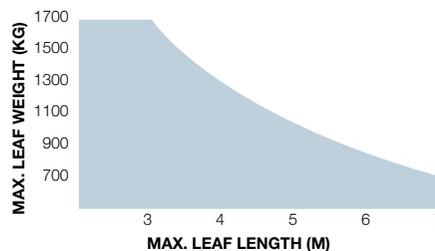
| Code | Description | Pcs. Pack |
|----------------|---|-----------|
| PSS324 | 24 V battery with integrated battery charger | 1 |
| PLA10 | Vertical 12 V electric lock (obligatory for leaves longer than 3 m) | 1 |
| PLA11 | Horizontal 12 V electric lock (obligatory for leaves longer than 3 m) | 1 |
| SYKCE30 | Solar power supply kit consisting of SYP30 photovoltaic panel, PSY24 battery box with charging control circuit and SYA1 charger | 1 |
| TS | Sign | 1 |

Find out more on page → 88.

TECHNICAL SPECIFICATIONS

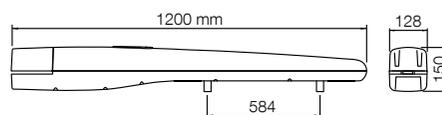
| | |
|-------------------------------------|----------------|
| Code | TO7024 |
| ELECTRICAL SPECIFICATIONS | |
| Power supply (VDC) | 24 |
| Draw (A) | 5 |
| Power (W) | 120 |
| PERFORMANCE DATA | |
| Speed (m/s) | 0,013 |
| Force (N) | 2700 |
| Working cycle (cycles/hour) | 41 |
| DIMENSIONAL AND GENERAL DATA | |
| Protection class (IP) | 44 |
| Operating temperature (°C Min/Max) | -20 ÷ +50 |
| Dimensions (mm) | 1200x128x150 h |
| Weight (kg) | 15 |

OPERATING LIMITS



The shape and height of the gate and presence of a strong wind can considerably reduce the values shown in the graph.

DIMENSIONS



COMPATIBILITY WITH CONTROL SYSTEMS AND ACCESSORIES

TO7024

Control unit/Receiver

Integrated*

- MC824H / OXIBD / OXILR

Transmitter

- ERA INTI - 2 channels, 433.92 MHz, different colours
- ERA ONE / MYGO - 2, 4 or 8 channels, 433.92 MHz
- MYGOBD / ERA ONE LR

- DOMI

Photocells

- EPS - Slim / EPM - Medium / EPL - Large
- EPSB - Slim, BlueBUS / EPMB - Medium, BlueBUS / EPLB - Large, BlueBUS
- EPMOR - Medium, reflective
- EPMORB - Medium, BlueBUS, reflective
- EPMOW - Medium, wireless self-synchronised
- F210 - Synchronised, adjustable / FT210 - For sensitive edges
- F210B - BlueBUS
- FT210B - For sensitive edges, BlueBUS

Flashing light

ELAC

- ELDC
- WLT - Multifunction LED light

* Radio receiver not compatible with the O-box functions of the Opera system.

Accessories for swing gates

COMMON ACCESSORIES



PLA6
Rear bracket, length 250 mm (for Toona4, Toona5 and Wingo5).

Pcs./pack 1



PLA8
Screw-on front bracket (for Toona 5 and Wingo 5).

Pcs./pack 1



PLA10
Vertical 12 V electric lock.

Pcs./pack 1



PLA11
Horizontal 12 V electric lock.

Pcs./pack 1



PLA13
Mechanical limit switch for opening or closing (not compatible with TO7024).

Pcs./pack 4



PLA14
Adjustable screw-on rear bracket (for Toona 4 and Wingo 4).

Pcs./pack 2



PLA15
Adjustable screw-on front bracket (for Toona 4 and Wingo 4).

Pcs./pack 2



PLA16
Articulated rear bracket (for Toona 4 and 5).

Pcs./pack. 1



HYA12
Larger articulated arm (for Hyppo).

Pcs./pack 1



MEA1
Accessory for opening up to 360° for leaves up to 2.5 m long (for M-FAB).

Pcs./pack 4



MEA2
Key release (for M-FAB).

Pcs./pack 1



MEA3
Release with lever key for use when installing on surfaces such as sand or earth (for M-FAB).

Pcs./pack 1



MEA5
Lever key for release (compatible with all embedded motors).

Pcs./pack 4



MEA6
Limit bracket, for installations where the foundation box cannot be embedded in concrete (for M-FAB).

Pcs./pack 4



BMA3
Release with lever key (for L-Fab and Big-Fab).

Pcs./pack 1



BMA1
Accessory for opening up to 360° for leaves up to 3.5 m long (for L-Fab and Big-Fab).

Pcs./pack 1



BMA2
Adapters for installing two motors, compatible with most foundation boxes on the market (for L-Fab and Big-Fab).

Pcs./pack 4



KIO
Key switch for low-voltage contacts, with release mechanism for metal cable (for Hopp and Hyke).

Pcs./pack 1



KA1
6 m metal cable kit for KIO (for Hopp and Hyke).

Pcs./pack 1



WLT
Multifunction LED signal light. See page 203.

Pcs./pack 1



TS
Sign.

Pcs./pack 1

SPARE CONTROL UNITS



WLA1
Spare control unit for WL1024C.

Pcs./pack 1



PS424
Buffer batteries (for Walkykit).

Pcs./pack 1



SPPOA3R30
Spare control unit for HO7124.

Pcs./pack 1



SPHKA2R30
Spare control unit for HK7024.

Pcs./pack 1

ACCESSORIES FOR 24 V VERSIONS



PSS324
24 V battery with built-in battery charger (compatible with MC824H and MC824L control units. Kit only).

Pcs./pack 1



PSS124
24 V battery with built-in battery charger (compatible with MC424L control unit, Hopp and Hyke Kit).

Pcs./pack 1

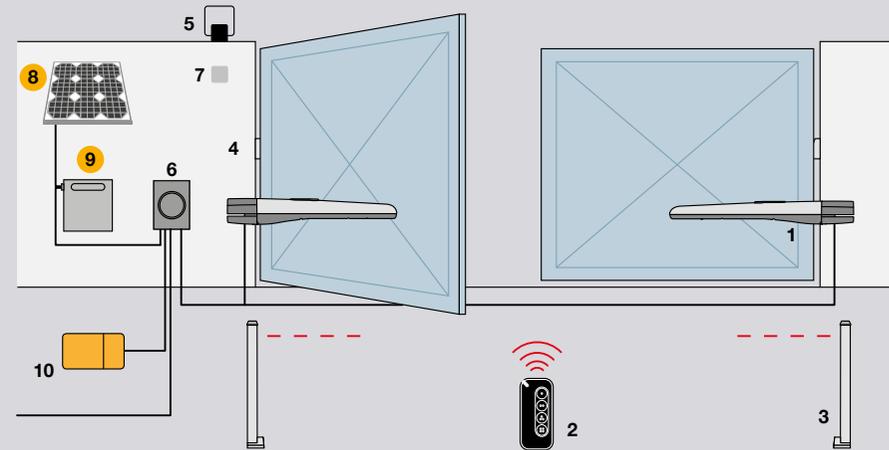


SYKCE30
Solar power supply kit consisting of SYP30 photovoltaic panel and PSY24 battery box with charging control circuit and SYA1 power supply.

Pcs./pack 1

Solemyo
24V

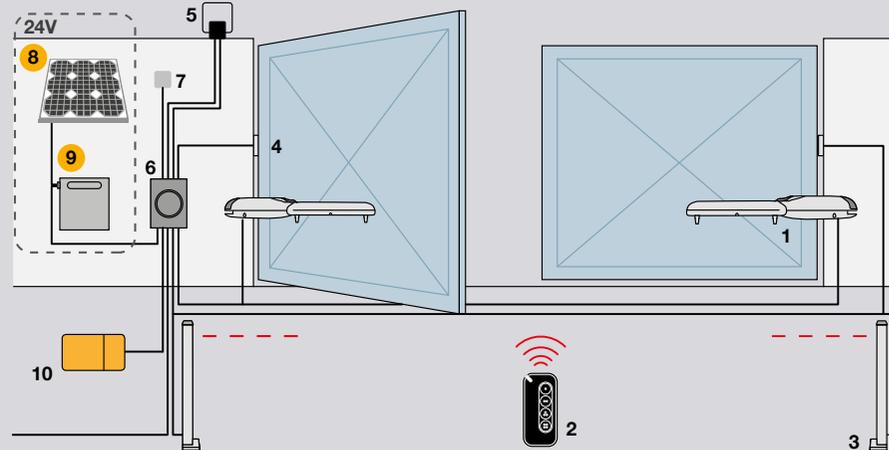
Standard installation diagram for swing gates



TOONA 4, TOONA 5, TOONA 7

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch 8. SYP30 solar panel 9. PSY24 battery box 10. Pro-View multifunction interface

● Solemyo solar power accessories



WINGO 4, WINGO 5

1. Motor 2. Transmitter 3. Post-mounted photocells 4. Photocells 5. Flashing light 6. Control unit 7. Key or digital switch 8. SYP30 solar panel 9. PSY24 battery box 10. Pro-View multifunction interface

● Solemyo solar power accessories