

CATALOGUE 2016

A thin orange line starts below the '2016' and extends diagonally from the left towards the right edge of the page.

TELCOMA
GATE AUTOMATION SINCE 1980

TELCOMA OPENS UP TO THE FUTURE.

Choosing Telcoma means opening up to a new experience of comfort and efficiency; to a seemingly futuristic world of cutting-edge products and solutions now ever closer to hand, more accessible and easy to use. New generation systems and patents are continually evolving so they never become obsolete, with a view to achieving a world of perfect reliability.



NEW

THE STRENGTH OF A GREAT GROUP.

In line with its position as ground-breaking, technological leader in the automation sector, Telcoma is now an integral part of Cardin Elettronica SPA, the Riello Elettronica Group, a business concern that has for years represented the automation quality benchmark. The takeover has not only increased the prestige and commercial importance of Telcoma, but intends to maintain the autonomy of the brand in every decision concerning strategy and products, as well as invest even more in research and development backed up with extra resources coming from the great experience of Cardin Elettronica. A new setup that benefits all stakeholders in company assets (suppliers, partners, financiers) and in particular our customers, who are the true beneficiaries of such technological yet cost-effective progress designed to grow and astound.

T600-T624 EVOLUTION OF THE SPECIES.

These are the latest masterpieces by Telcoma: state-of-the-art control units completely redesigned to obtain better performance from and more control over 230 and 24 Volt motors. With an extended and upgraded PCB layout, full compatibility with PRG LINK systems, new inputs for safety edges and greater safety and security levels, both models guarantee a more functional and versatile wiring logic and operation whether for one or two motors, as well as the possibility of doubling their functions through an auxiliary control channel on other automated systems, e.g. an irrigation or lighting system.

PRG-LINK THE FUTURE IS CONNECTED.

The PRG LINK system, a Wi-Fi interface dedicated to programming, control and diagnostics of the last generation control units TELCOMA. Exploiting the graphic potential of an application that can be managed through a normal web browser, PRG LINK allows operators to access the countless customisations of every single system to achieve maximum functionality in all cases. All that is needed is a laptop, a tablet or a smartphone and naturally a PRG-LINK connection for precise diagnostics so that work is properly targeted and conclusive. A new, quick and extremely convenient way of working for those who are dealing with automated devices every day and would, in future, like to manage systems also through remote Wi-Fi connections.

STEALTH AN ELEGANT PERFORMER.

So discreet as to seem almost invisible, Stealth is Telcoma's first geared motor with articulated arm. Behind its minimalist design lies a wealth of technology: integrated mini card for 24 V motor, inputs for safety edges, motor controller with obstacle detection and limit switch, full PRG LINK compatibility, SunPower solar power unit and easier release protected by coded key. Stealth, the small arm for heavy loads, long travel range and complex installations. Capable of more than 60% duty cycle. Futuristic, yet available now.














ICONS

LEGEND

INDEX

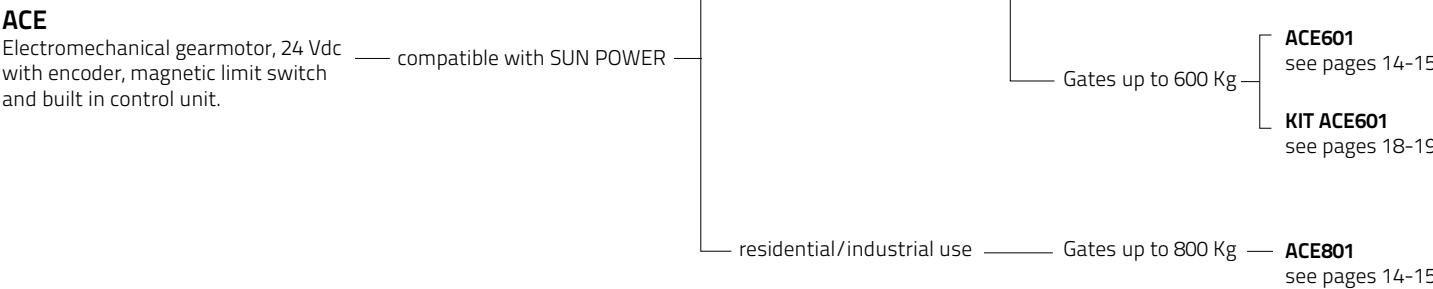
ARTICLES

 NEW	New 2016	 OIL BATH	Oil bath system
 24V	24 Vdc power supply	 HYDRAULIC	Hydraulic system
 ENCODER	System equipped with encoder for safe and precise operations	 INTENSIVE	Intensive use
 SLOWING	System with slowing down in opening and closing	 INDUSTRIAL	Industrial use
 SUN POWER	Article predisposed to work with Sun Power, Telcoma's PV system	 TÜV APPROVED	TÜV Rheinland certified product, following EMC and LVD Rules and EN ISO 13849-1:2008
 PRG LINK	Article predisposed for WiFi with PRG LINK		

p. 08		SLIDING GATES
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p. 110		ACCESSORIES



SLIDING **GATES**



ACE FAST



ACE 401/601/801

ENCODER

SLOWING

24V

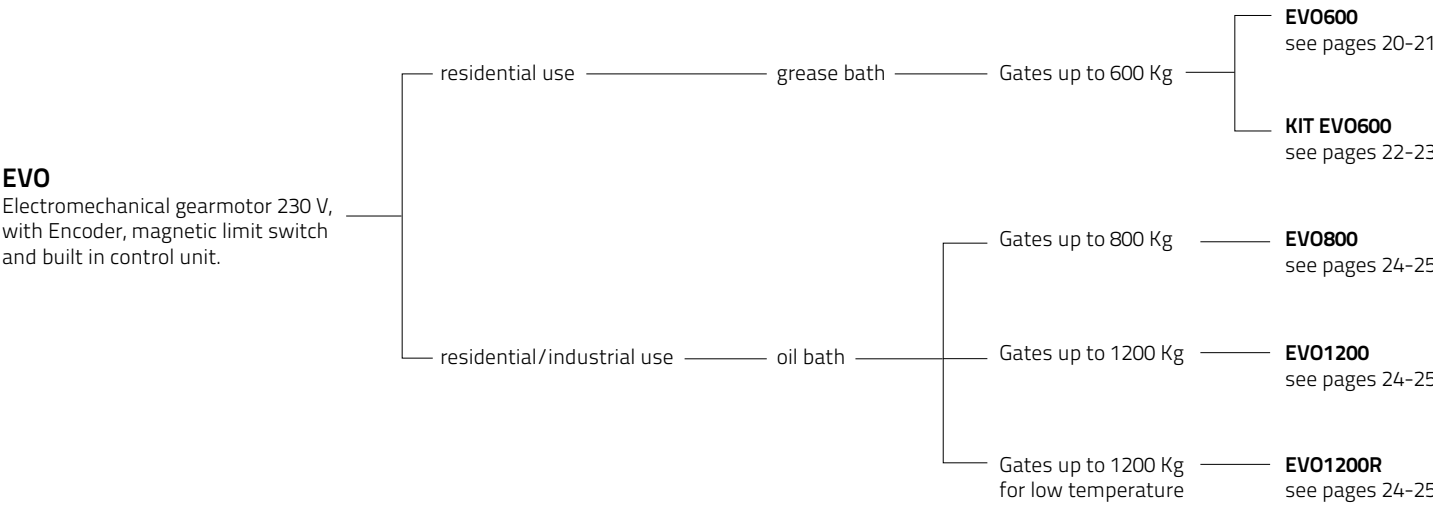
SUN POWER

INTENSIVE

PRG LINK

Available on all 4 models

Only ACE 401/601/801



EVO600/800/1200

ENCODER

SLOWING

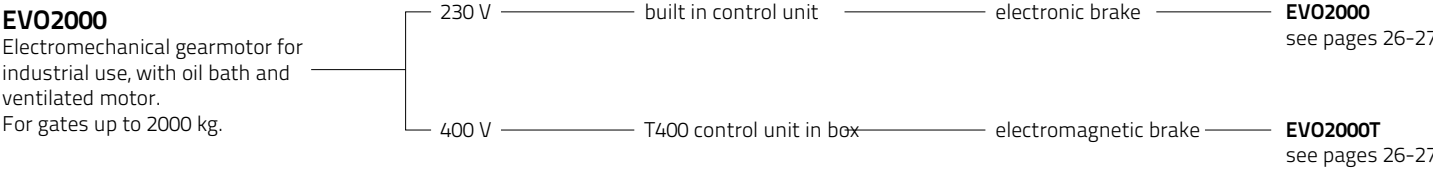
OIL BATH

INTENSIVE

INDUSTRIAL

Available on all 4 models

Only EVO800/1200 / 1200R



EVO2000/2000T

ENCODER

SLOWING

OIL BATH

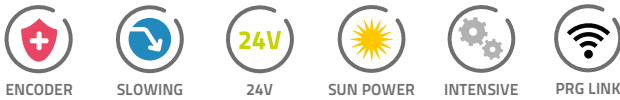
INDUSTRIAL

Only EVO2000

Available on both models

ACE401 / 601 / 801

IRREVERSIBLE GEARMOTOR FOR SLIDING GATES



Electromechanical gearmotors with integrated control unit.

Three models with different application limits guaranteed by new mechanical solutions and 24V motor with encoder control. The control units are intuitive in programming and easy to connect thanks to the new internal layout. Possibility of connecting two gearmotors in Master and Slave configuration for automations with opposing door leaves.

Safe thanks to the sensitivity of internal sensors that detect the obstacle, slowing down ramps and the option of direct control of 8K2 safety edges.

Versatile with the new Prg-LINK which enables control and programming of main control unit parameters. Height and positioning of gearmotor with millimetric settings and release with encoded key.

Reliable with sturdy base in corrosion treated aluminium and magnetic limit switch with integrated sensor.



ACE 401
Gearmotor for **sliding gates up to 400 Kg.**

ACE 601
Gearmotor for **sliding gates up to 600 Kg.**

ACE 801
Gearmotor for **sliding gates up to 800 Kg.**



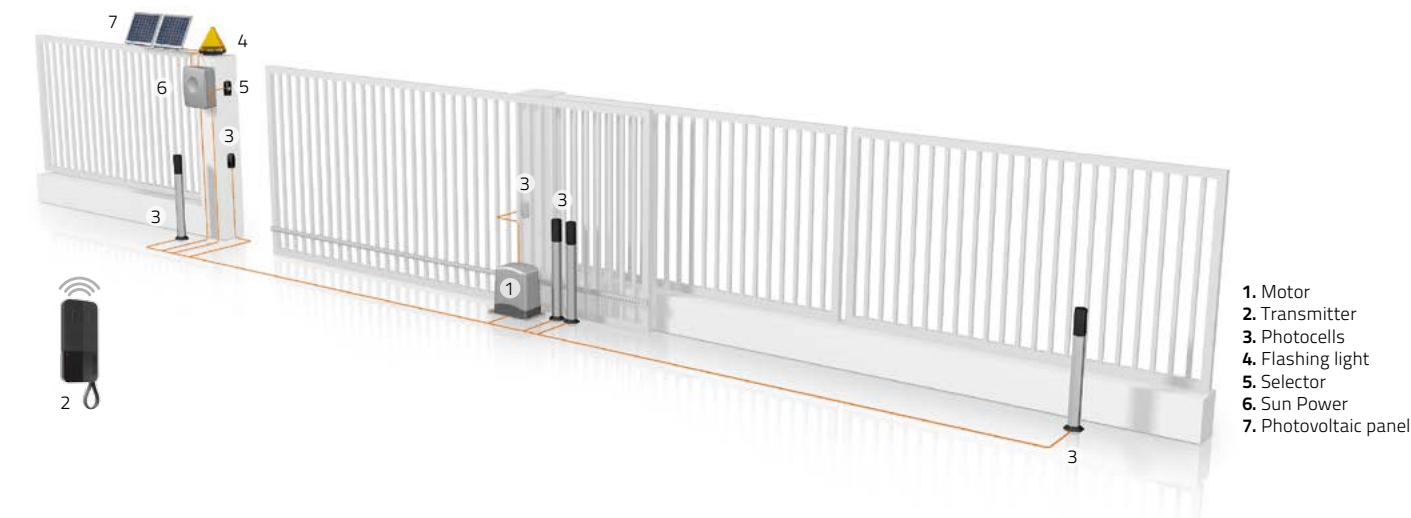
Central unit

TECHNICAL SPECIFICATIONS	ACE401	ACE601	ACE801	TECHNICAL SPECIFICATIONS A124A4/6/8 BUILT IN CONTROL UNIT	GENERAL DATA	ACE401	ACE601	ACE801
Motor power supply	24 Vdc	24 Vdc	24 Vdc	Voltage supply	Working temperature	-20 +55°C	-20 +55°C	-20 +55°C
Max. motor current	6 A	8 A	12 A	Power supply	Protection level	IP44	IP44	IP44
Motor power	150 W	250 W	300 W	Max. current	Weight	12,5 Kg	13 Kg	13,5 Kg
Max thrust	400 N	600 N	800 N	Speed regulation	Pallet	30 pcs	30 pcs	30 pcs
Max gate weight	400 Kg	600 Kg	800 Kg	Master and Slave configuration				
Actuator speed (m/min)	10	16	10	Double input 8K2 for safety edges				
Work cycles	intensive	intensive	intensive	Compatible with Prg-LINK				
Type of central unit	A124A4	A124A6	A124A8	Compatible with Sun Power				
Encoder	YES	YES	YES					
Magnetic limit switch	YES	YES	YES					
Grease lubricant	TS10	TS10	TS10					

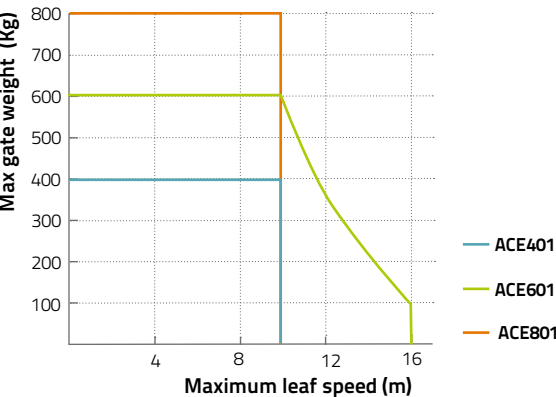
TELCOMA
GATE AUTOMATION SINCE 1980

ACE401 / 601 / 801

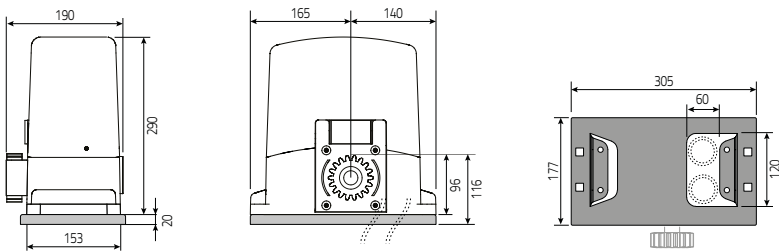
INSTALLATION DIAGRAM



DIMENSIONS



DIMENSIONS



Dimensions in mm

ACCESSORIES

CREM P
Plastic rack with steel core. M4 28x22 mm, complete with washers and self boring screws 6,3x25.
Pack of 10 pcs 1 m each.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.
For ACE 401/601/801.



CREM8
Metal rack. M4 30x8 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8.
Pack of 4 pcs 1 m each.



SUN POWER
Solar power kit with solar panel and battery.
Suitable for all 24 V control units.



CREM12
Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8.
Pack of 4 pcs 1 m each.



CPEVO
Base plate.



DSC
Weldable spacers for CREM12 and CREM8.
Pack of 30 pcs.



RVS
Mechanical brake for gates on sloping ground.



DAP
Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.



PRG LINK
WiFi programming unit for central units.



KIT ACE401 N

MOTORIDUTTORE IRREVERSIBILE PER CANCELLI SCORREVOLI



Kit with electromechanical gearmotors with integrated control unit. New mechanical solutions and 24V motor with encoder control. Control units are intuitive in programming and easy to connect thanks to the new internal layout. Possibility of connecting two gearmotors in Master and Slave configuration for automations with opposing door leaves.

Safe thanks to the sensitivity of internal sensors that detect the obstacle, slowing down and the option of direct control of 8K2 safety edges.

Versatile with the new Prg-LINK which enables control and programming of main control unit parameters. Height and positioning of gearmotor with millimetric settings and release with encoded key.

Reliable with sturdy base in corrosion treated aluminium and magnetic limit switch with integrated sensor.

Available in EDGE version.

KIT CONTAINING:

ACE401
24 V electromechanical gearmotor, with encoder, magnetic limit switch and built in control unit. **For gates up to 400 Kg.**

NOIRE OC2
2 channels plug in receiver (see also pages 102-103).

NOIRE 2E
2 channels rolling code transmitter (see also pages 102-103).

APRO
Key selector (see also page 116).

VEDO 180
Pair of adjustable photocells (see also page 115).

LACO 24AL
Flashing light with built in antenna (see also page 113).

SUPLACO
Flashing light support (see also page 113).

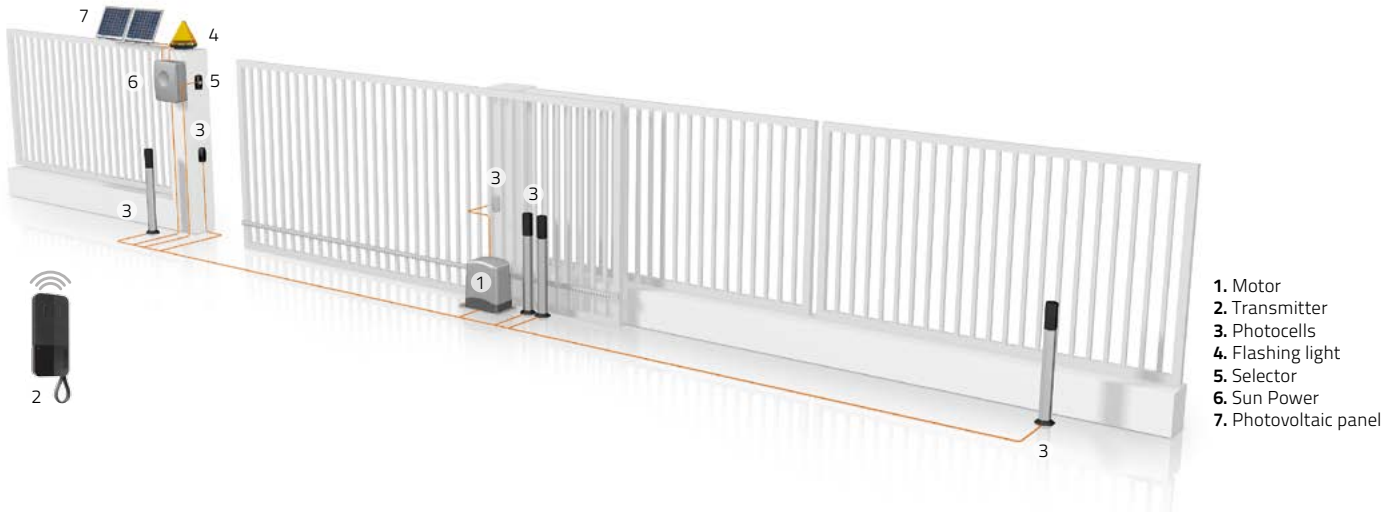
Fixing accessories and warning sign included.

TECHNICAL SPECIFICATIONS	ACE401	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	A124A6	GENERAL DATA	ACE401
Motor power supply	24 Vdc	Tensione di alimentazione	230 V	Working temperature	-20+55°C
Max. motor current	6 A	Power supply	2 A	Protection level	IP 44
Motor power	150 W	Max. current	YES	Weight	12,5 Kg
Max. torque	400 N	Speed regulation	YES	Pallet	21 pcs
Max gate weight	400 Kg	Master and Slave configuration	YES		
Actuator speed (m/min)	10	Double input 8K2 for safety edges	YES		
Work cycles	intensive	Compatible with Prg-Link	YES		
Type of central unit	A124A4	Compatible with Sun Power	YES		
Encoder	YES				
Magnetic limit switch	YES				
Grease lubricant	TS10				

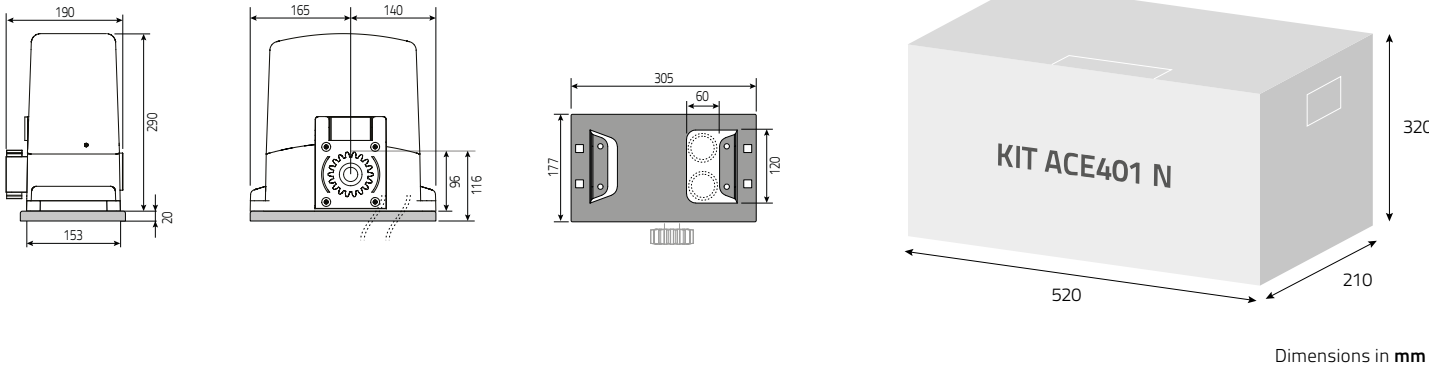


KIT ACE401 N

INSTALLATION DIAGRAM



DIMENSIONS



ACCESSORIES

CREM P
Plastic rack with steel core. M4 28x22 mm, complete with washers and self boring screws 6,3x25. Pack of 10 pcs 1 m each.



CB24
24 V battery charger. Suitable for 24 V control units.

SPB24
External box with 2 batteries 12V 7Ah. For ACE 401/601/801.



CREM8
Metal rack. M4 30x8 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



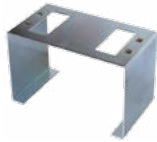
SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



CREM12
Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



CPEVO
Base plate.



DSC
Weldable spacers for CREM12 and CREM8. Pack of 30 pcs.



RVS
Mechanical brake for gates on sloping ground.



DAP
Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.



PRG LINK
WiFi programming unit for central units.



EVO600

IRREVERSIBLE GEARMOTOR FOR SLIDING GATES



Electromechanical gearmotor ideal for sliding gates up to 600 Kg. Complete with encoder, magnetic limits and built built-in control unit.

Safe and Precise thanks to the encoder and the slowing down in opening and closing.

Practical thanks to the control unit with plug-in receiver and self-learning function.

Versatile fixing plate with adjustable height and depth.

Reliable with a sturdy aluminum base treated against oxidation and a powerful 230 Vac motor on bearings. Manual release with coded lock.

EVO 600
230 V electromechanical gearmotor in grease lubrication with electronic limit switch, encoder and built in central unit. **For gates up to 600 kg.**

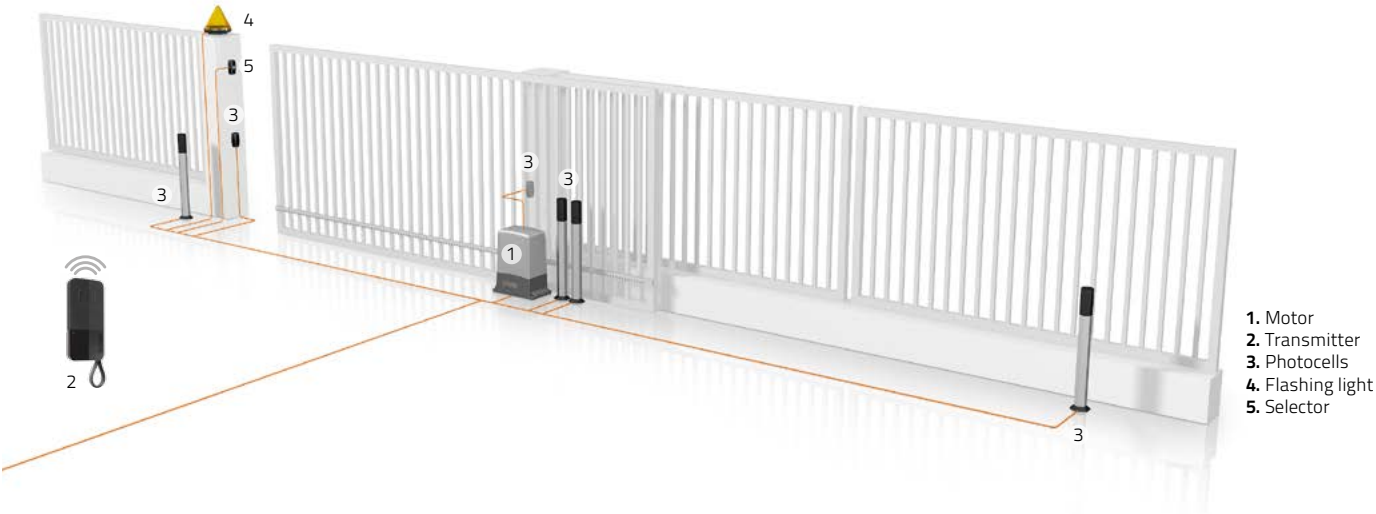


release key

TECHNICAL SPECIFICATIONS	EVO600	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	EVO600	GENERAL DATA	EVO600
Motor power supply	230 V	Model	T101	Working temperature	-20 +55°C
Max. motor current	3,4 A	Power supply	230 V	Protection level	IP 44
Motor power	800 W	Max. current	6,3 A	Weight	14 Kg
Max. torque	21 Nm	Electronic slow down	YES	Pallet	30 pcs
Thrust	540 N				
Max gate weight	600 Kg				
Actuator speed	10 m/min				
Work cycles	40%				
Encoder	YES				
Magnetic limit switch	YES				
Thermal protection	150°C				
Grease lubricant	TS10				

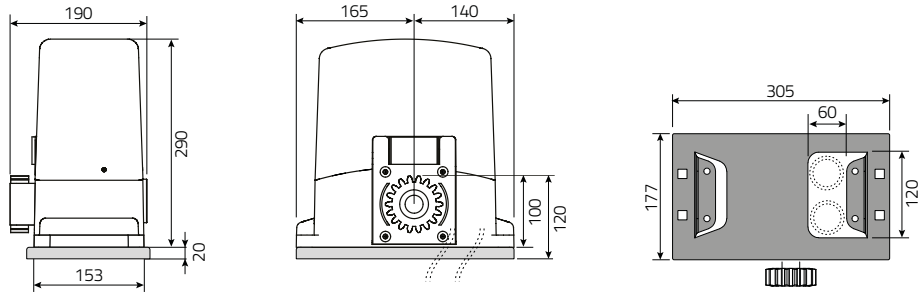
EVO600

INSTALLATION DIAGRAM



- 1. Motor
- 2. Transmitter
- 3. Photocells
- 4. Flashing light
- 5. Selector

DIMENSIONS



Dimensions in mm

ACCESSORIES

CREM P
Plastic rack with steel core. M4 28x22 mm, complete with washers and self boring screws 6,3x25. Pack of 10 pcs 1 m each.



DAP
Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.



CREM8
Metal rack. M4 30x8 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



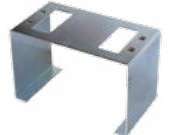
KIT SBLESTEVO
External unlocking kit.



CREM12
Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



CPEVO
Base plate.



DSC
Weldable spacers for CREM12 and CREM8. Pack of 30 pcs.



RVS
Mechanical brake for gates on sloping ground.



DAC
Screwable spacers for CREM12 and CREM8. Pack of 30 pcs



ADFCSM
Magnetic limit switch adapter, from open collector to NC.



KIT EVO600 N

IRREVERSIBLE GEARMOTOR FOR SLIDING GATES



Kit with electromechanical gearmotor ideal for sliding gates up to 600 Kg. Complete with encoder, magnetic limits and built built-in control unit.

Safe and Precise thanks to the encoder and the slowing down in opening and closing.

Practical thanks to the control unit with plug-in receiver and self-learning function.

Versatile fixing plate with adjustable height and depth.

Reliable with a sturdy aluminum base treated against oxidation and a powerful 230 Vac motor on bearings.

Manual release with coded lock.

Available in EDGE version.

KIT CONTAINING:

EVO 600
230 V electromeccanical gearmotor grease lubrication with electronic limit switch, encoder and built in control unit. **For gates up to 600 kg.**

NOIRE OC2
2 channels plug in receiver (see also pages 102-103).

NOIRE 2E
2 channels rolling code transmitter (see also pages 102-103).

APRO
Key selector (see also page 116).

VEDO 180
Pair of adjustable photocells (see also page 115).

LACO 220A
Flashing light with antenna (see also page 113).

SUPLACO
Flashing light support (see also page 113).

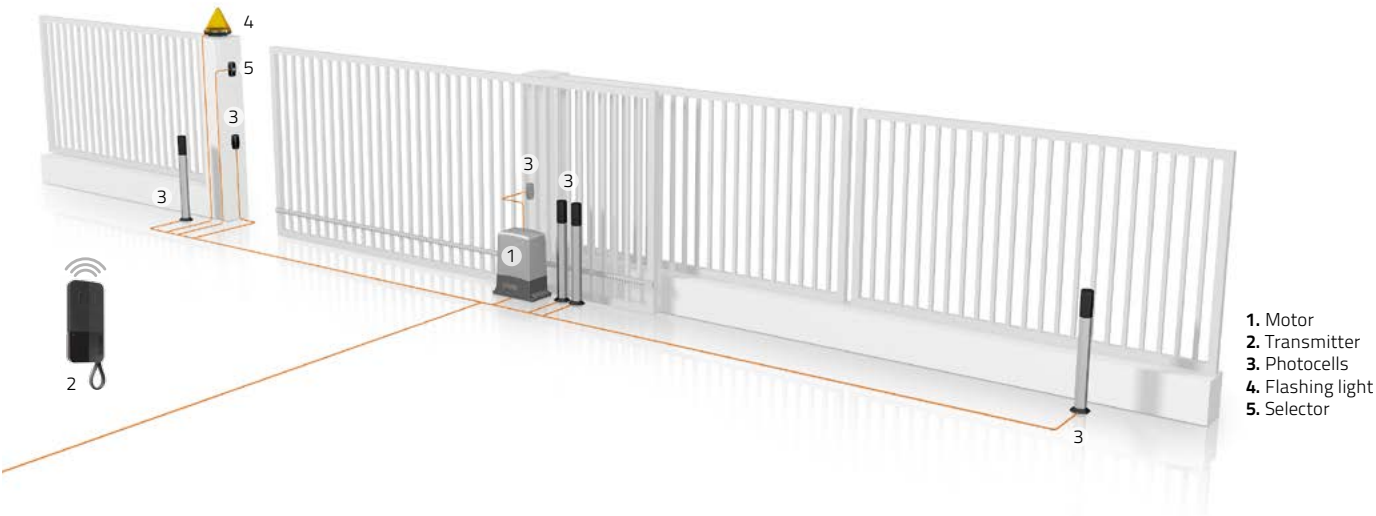
Fixing accessories and warning sign included.



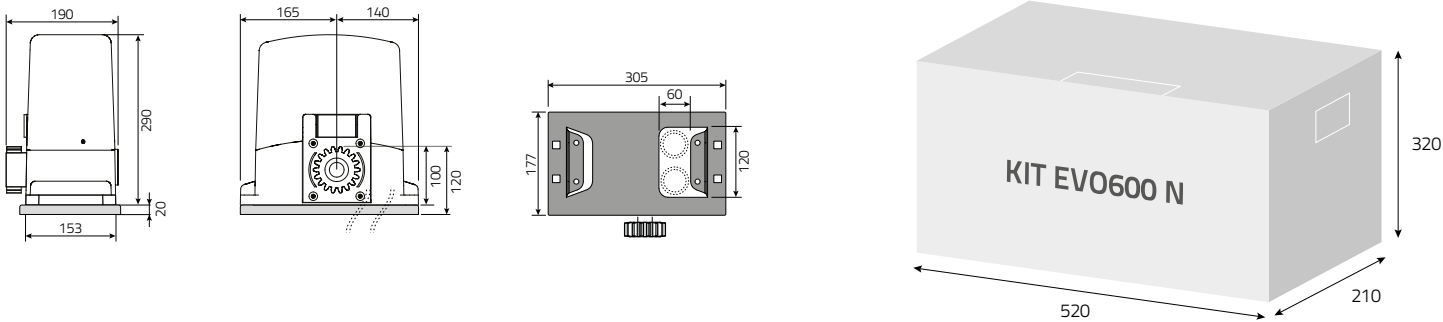
TECHNICAL SPECIFICATIONS	KIT EVO600 N	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	KIT EVO600 N	GENERAL DATA	KIT EVO600 N
Motor power supply	230 V	Model	T101	Working temperature	-20 +55°C
Max. motor current	3,4 A	Power supply	230 V	Protection level	IP 44
Motor power	800 W	Max. current	6,3 A	Weight	15 Kg
Max. torque	21 Nm	Electronic slow down	YES	Pallet	21 pcs
Thrust	540 N				
Max gate weight	600 Kg				
Actuator speed	10 m/min				
Work cycles	40%				
Encoder	YES				
Magnetic limit switch	YES				
Thermal protection	150°C				
Grease lubricant	TS10				

KIT EVO600 N

INSTALLATION DIAGRAM



DIMENSIONS



Dimensions in mm

ACCESSORIES

CREM P
Plastic rack with steel core. M4 28x22 mm, complete with washers and self boring screws 6,3x25. Pack of 10 pcs 1 m each.



DAP
Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.



CREM8
Metal rack. M4 30x8 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



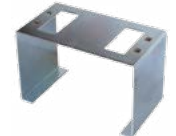
KIT SBLESTEVO
External unlocking kit.



CREM12
Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



CPEVO
Base plate.



DSC
Weldable spacers for CREM12 and CREM8. Pack of 30 pcs.



RVS
Mechanical brake for gates on sloping ground.



DAC
Screwable spacers for CREM12 and CREM8. Pack of 30 pcs.



ADFCSM
Magnetic limit switch adapter, from open collector to NC.



EVO800/1200/1200R



OILBATH GEARMOTORS FOR SLIDING GATES



Electromechanical gearmotor in oilbath for industrial sliding gates up to 800/1200 Kg. Complete with encoder, magnetic limits and built built-in control unit.

Safe and Precise thanks to the encoder and the slowing down in opening and closing.

Practical thanks to the control unit with plug-in receiver and self-learning function.

Versatile versatile, with sturdy alluminium base corrosion-resistant and all moving parts are in oilbath.

Constant performance over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature using HOT (optional). Manual release with coded lock.

EVO 800

230 V electromechnical gearmotor in oil bath with electronic limit switch, encoder and built in control unit. **For gates up to 800 kg.**

EVO 1200

230 V electromechnical gearmotor in oil bath with electronic limit switch, encoder and built in control unit. **For gates up to 1200 kg.**

EVO 1200R

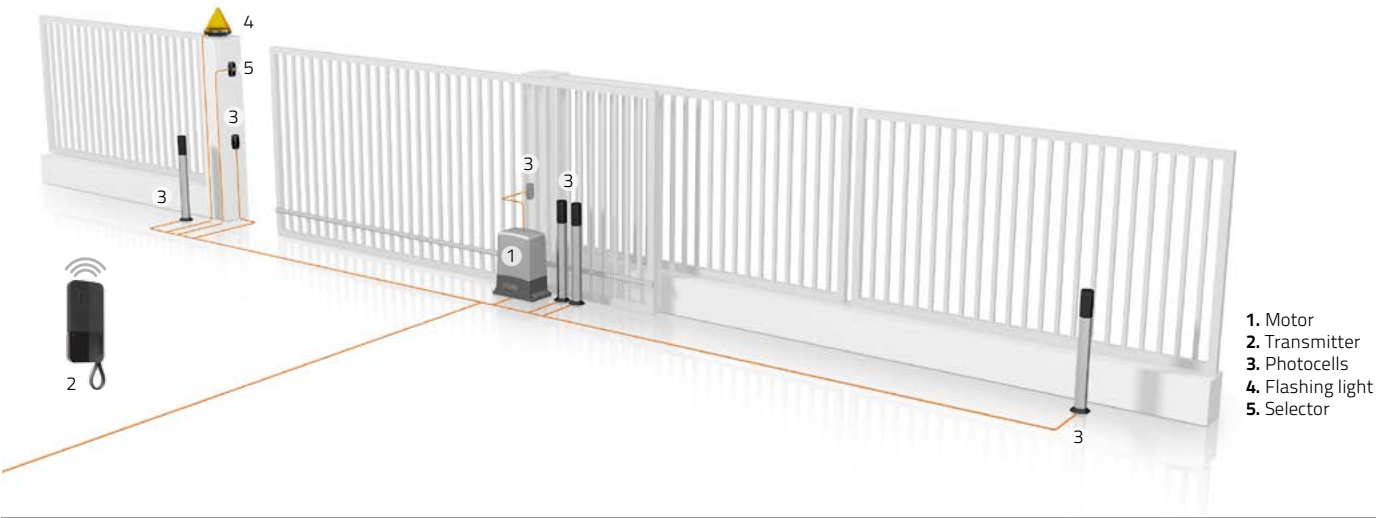
Eltromechanical 230V gearmotor in oilbath with integrated heating system, thermostat for low temperature fonctionning, with magnetic limit switch encoder and built in central unit.

For gates up to 1200 kg.

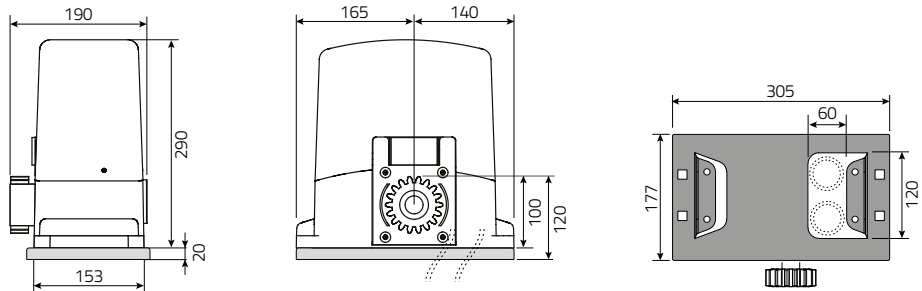


EVO800/1200/1200R

INSTALLATION DIAGRAM



DIMENSIONS



Dimensions in mm

ACCESSORIES

CREM P

Plastic rack with steel core. M4 28x22 mm, complete with washers and self boring screws 6,3x25. Pack of 10 pcs 1 m each.



HOT

Electronic heating system with temperature sensor, for 230V motors..



CREM12

Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



TS20

Oil for EVO800. 5 liters.

TS40

Oil for EVO1200. 5 liters.



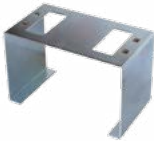
DSC

Weldable spacers for CREM12 and CREM8. Pack of 30 pcs.



CPEVO

Base plate.



DAC

Screwable spacers for CREM12 and CREM8. Pack of 30 pcs.



RVS

Mechanical brake for gates on sloping ground.



DAP

Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.



ADFCSM

Magnetic limit switch adapter, from open collector to NC.



KIT SBLESTEVO

External unlocking kit.



EVO2000/2000T

OILBATH GEARMOTORS FOR SLIDING GATES


ENCODER
only EVO2000


SLOWING
available on all 3 models


OIL BATH
available on all 3 models


INDUSTRIAL
available on all 3 models

Electromechanical gearmotor in oilbath ideal for industrial sliding gates up to 2000 Kg. Complete with magnetic limits and available in two versions: 230 V and 400 V.

Safe and precise thanks to the encoder and the slowing down in opening and closing (230 V), and motor with electromagnetic brake (400 V).

Versatile fixing plate with adjustable height and depth.

Reliable with a sturdy aluminum base treated against oxidation, all gears in oilbath. **Constant performance** over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature using HOT (optional). Manual release with coded lock.

EVO2000
230 V irreversible electromechanical gearmotor. Electronic brake and built in control unit.

EVO2000T
400 V irreversible electromechanical gearmotor. Dry clutch, electromagnetic brake. Without control unit.



release key

TECHNICAL SPECIFICATIONS	EVO2000	EVO2000T	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	EVO2000	GENERAL DATA	EVO2000	EVO2000T
Motor power supply	230 V	400 V	Model	T101	Working temperature	-20 +55°C	-20 +55°C
Max. motor current	4,3 A	2,7 A	Power supply	230 V	Protection level	IP 44	IP 44
Motor power	1000 W	1800 W	Max. current	6,3 A	Weight	21 Kg	22 Kg
Max. torque	50 Nm	90 Nm	Electronic slow down	YES	Pallet	20 pcs	20 pcs
Thrust	1400 N	2500 N					
Max gate weight	2000 Kg	2000 Kg					
Actuator speed	10 m/min	10 m/min					
Work cycles	50%	intensive					
Capacitor	20 µF	-					
Encoder	YES	-					
Magnetic limit switch	YES	YES					
Thermal protection	160°C	160°C					
Electromagnetic brake	-	YES					
Oil lubricant	TS60	TS60					



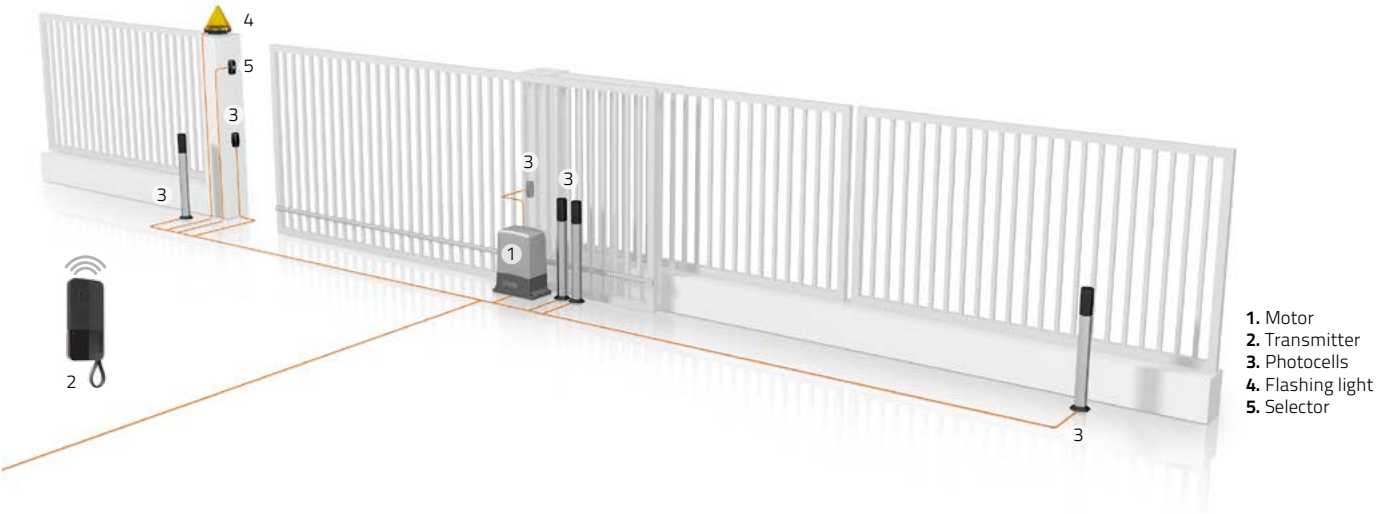
GATE AUTOMATION SINCE 1980



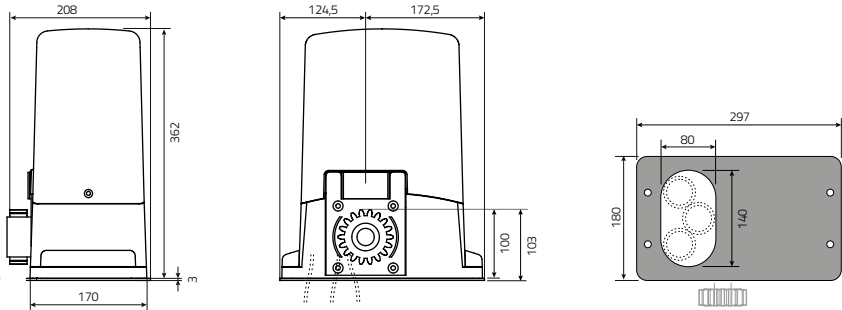
GATE AUTOMATION SINCE 1980

EVO2000/2000T

INSTALLATION DIAGRAM



DIMENSIONS



Dimensions in mm

ACCESSORIES

CREM12
Metal rack. M4 30x12 mm, complete with weldable spacers DSC, screws M8x25 TE and washers Ø 8. Pack of 4 pcs 1 m each.



T400
Control unit for 230V mono-phase or 400V tri-phase motors. Perfect for EVO 2000T.



CREM22
Metal rack. M4 22x22 mm, weldable without spacers. Pack of 4 pcs 1 m each.



HOT
Electronic heating system with temperature sensor, for 230V motors.



DSC
Weldable sapcers for CREM12 and CREM8. Pack of 30 pcs.



TS60
Oil for EVO2000 and EVO2000T. 1 liter.



DAC
Screwable spacers for CREM12 and CREM8. Pack of 30 pcs.



ADFCSM
Magnetic limit switch adapter, from open collector to NC.



DAP
Screwable and adjustable spacers for CREM12 and CREM8. Pack of 3 pcs.

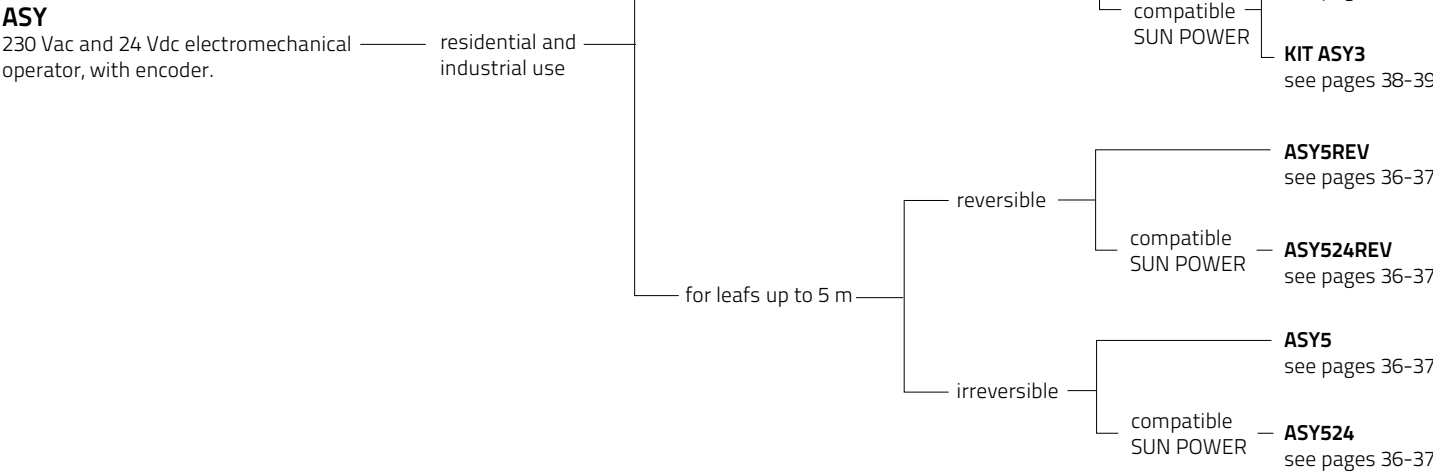





NO
ADMITTANCE
AUTHORIZED
PERSONNEL ONLY


NO
PARKING
IN
DRIVEWAY


SWING GATES





ASY


ENCODER


INDUSTRIAL

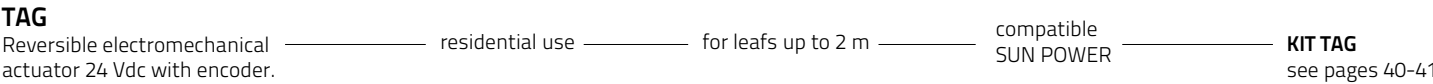

24V


SUN POWER


INTENSIVE

available on all ASY

only ASY3/5 24 V



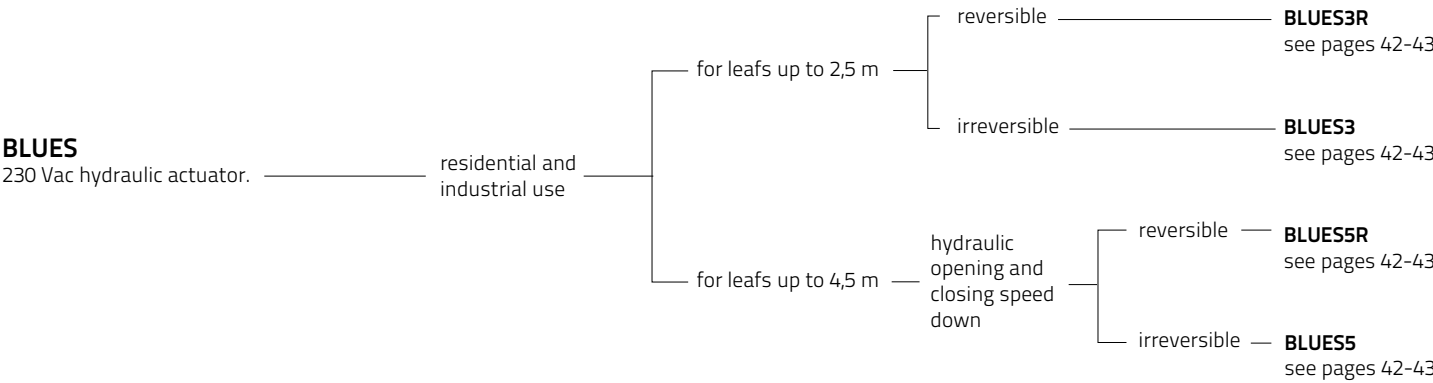
TAG


ENCODER


SLOWING


24V


SUN POWER



BLUES


SLOWING


INTENSIVE

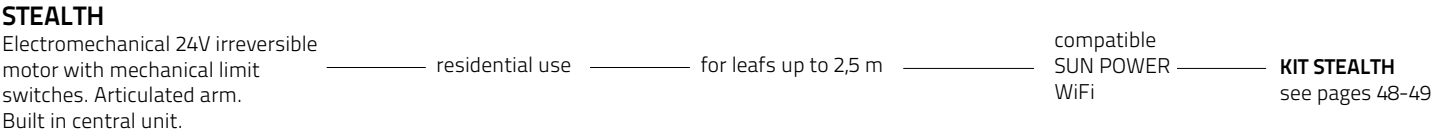

INDUSTRIAL


HYDRAULIC

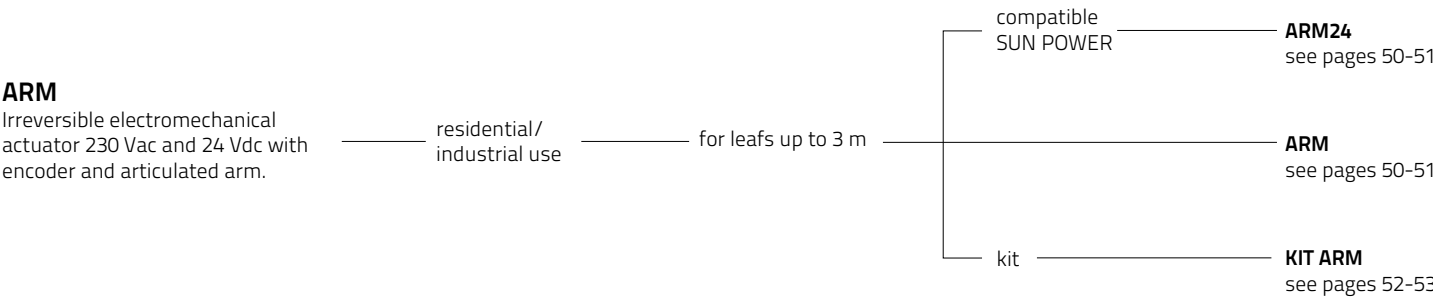


TEN1

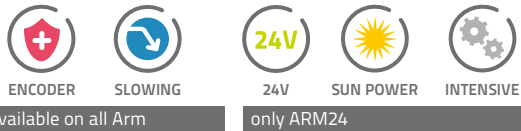
TEN2



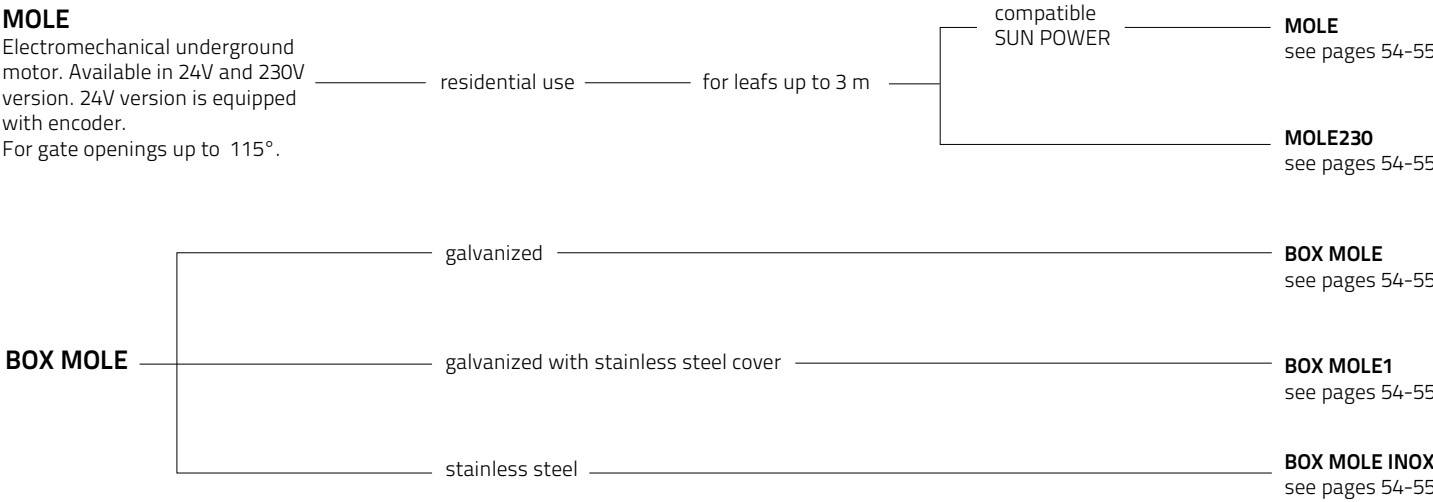
STEALTH



ARM



available on all Arm only ARM24



MOLE

SLOWING

ENCODER

24V

SUN POWER


INTENSIVE

available on all MOLE


only MOLE 24V

ASY3/5


ELECTROMECHANICAL PISTON 230/24V FOR SWING GATES




ENCODER




INDUSTRIAL



24V



SUN POWER



INTENSIVE

available on all Asy

only ASY3/5 24 V



Electromechanical operator, ideal for swing gates up to 5 metres. Equipped with encoder, release with encoded key and rear swing support.
Safe thanks to the precision and sensitivity of the encoder.
Practical electrical connections and manual release.
Versatile in all models and accessories.
Reliable with sturdy structure in corrosion treated aluminium.

ASY3
230 V irreversible electromechanical piston.
For leafs up to 3 m.

ASY3REV
230 V reversible electromechanical piston.
For leafs up to 3 m.

ASY324
24 V irreversible electromechanical piston.
For leafs up to 3 m.

ASY5
230 V irreversible electromechanical piston.
For leafs up to 5 m.

ASY5REV
230 V reversible electromechanical piston.
For leafs up to 5 m.

ASY524
24 V irreversible electromechanical piston.
For leafs up to 5 m.

ASY524REV
24 V reversible electromechanical piston.
For leafs up to 5 m.

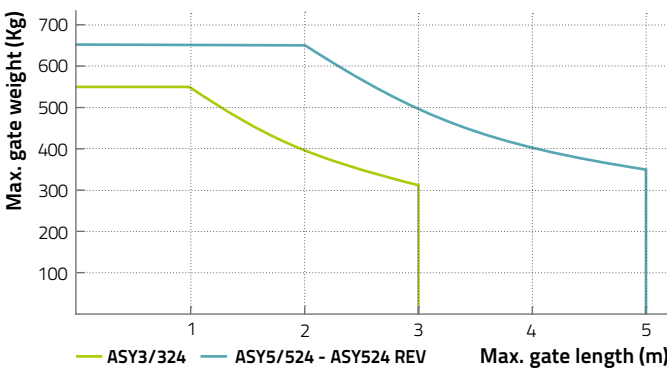
TECHNICAL SPECIFICATIONS	ASY3	ASY3REV	ASY324	ASY5	ASY5REV	ASY524	ASY524REV
Motor power supply	230 V	230 V	24 V	230 V	230 V	24 V	24 V
Max. motor current	1,6 A	1,4 A	5 A	1,6 A	1,4 A	5 A	5 A
Motor power	370 VA	330 VA	120 VA	370 VA	330 VA	120 VA	120 VA
Thrust	1900 N	1900 N	1900 N	1900 N	1900 N	1900 N	1900 N
Max opening	110°	110°	110°	110°	110°	110°	110°
Rod stroke	350 mm	350 mm	350 mm	500 mm	500 mm	500 mm	500 mm
Actuator speed	12 mm/s	20 mm/s	16 mm/s	12 mm/s	20 mm/s	16 mm/s	24 mm/s
Work cycles	30%	30%	intensive	30%	30%	intensive	intensive
Capacitor	8 µF	10 µF	-	8 µF	10 µF	-	-
Encoder	YES	YES	YES	YES	YES	YES	YES
Electrical limit switches (forseen)	optional	optional	optional	optional	optional	optional	optional
Mechanical limit switches (forseen)	1 pcs	2 pcs	1 pcs	1 pcs	2 pcs	1 pcs	2 pcs
Grease lubricant	TS10	TS10	TS10	TS10	TS10	TS10	TS10
GENERAL DATA							
Working temperature	-20+55°C	-20+55°C	-20+55°C	-20+55°C	-20+55°C	-20+55°C	-20+55°C
Protection level	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44	IP 44
Weight	10 Kg	10 Kg	9 Kg	10 Kg	10 Kg	9 Kg	9 Kg
Pallet	30 pcs	30 pcs	30 pcs	30 pcs	30 pcs	30 pcs	30 pcs

ASY3/5

INSTALLATION DIAGRAM

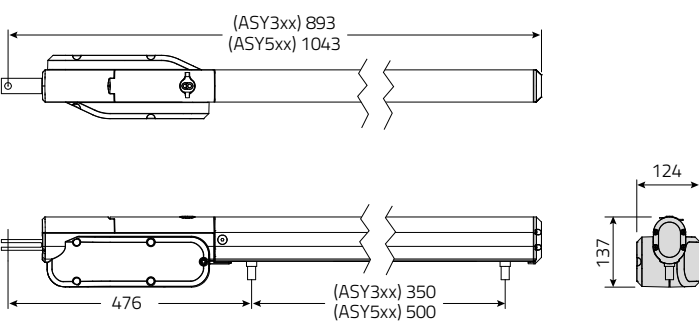


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



Dimensions in mm

ACCESSORIES

ELV

Vertical/horizontal electric lock 12 V.



CB24

24 V battery charger. Suitable for 24 V control units.



SPB24

External box with 2 batteries 12V 7Ah.

BLA

Leaf stopper.



T600

Control unit for 1/2 motors 230 V, with encoder control, torque adjustment and slowing down. For ASY3 and ASY5.



T624

Control unit for 1/2 motors 24 V, with encoder control, torque adjustment and slowing down. For ASY324, ASY524, ASY524REV.

SRA

Adjustable front bracket. Pack of 2pcs.



SRP

Adjustable rear bracket. Pack of 2pcs.

FCM4ASY

Kit of machanic limit swith. Pack of 4 pcs. Compatible with ASY3REV, ASY5REV.



FCMASY

Kit of machanic limit swith. Pack of 4 pcs. Compatible with ASY3, ASY5, ASY324, ASY524, ASY524REV.

206/FCAS

Kit of electric limit swith for 3 meter leafs. Pack of 2pcs.



206/FCAL

Kit of electric limit swith for 5 meter leafs. Pack of 2pcs.

SUN POWER

Solar power kit with solar panel and battery. Suitable for all 24 V control units.



PRG LINK

WiFi programming unit for central units.



KIT

ASY3 N/324 N

ELECTROMECHANICAL PISTON 230/24V FOR SWING GATES

TELCOMA

GATE AUTOMATION SINCE 1980

ENCODER

SLOWING

INDUSTRIAL

PRG LINK

24V

24V

SUN POWER

INTENSIVE

available on all Asy

only ASY324

Kit with two electromechanical operator, ideal for swing gates up to 3 metres. Equipped with encoder, release with encoded key and rear swing support.
Safe thanks to the precision and sensitivity of the encoder.
Practical electrical connections and manual release.
Versatile in all models and accessories.
Reliable with sturdy structure in corrosion treated aluminium.
Available in EDGE version.

KIT CONTAINING:

ASY 3 or ASY 324
230 V or 24 V irreversible electromechanical piston, for leafs up to 3 m (see also pages p. 34-35).

T600 (for ASY 3) or T624 (for ASY 324)
Control unit (see also pages 88-89).

NOIRE OC2
2 channels plug in receiver (see also pages 102-103).

NOIRE 2E
2 channels rolling code transmitter (see also pages 102-103).

APRO
Key selector (see also page 116).

VEDO 180
Pair of adjustable photocells (see also page 115).

LACO 220A (for ASY 3) or LACO 24AL (for ASY 324)
Flashing light with antenna (see also page 113).

SUPLACO
Flashing light support (see also page 113).

Fixing accessories and warning sign included.

TECHNICAL SPECIFICATIONS	KIT ASY3 N	KIT ASY324 N	GENERAL DATA	KIT ASY3 N	KIT ASY324 N
Motor power supply	230 V	24 V	Working temperature	-20+55°C	-20+55°C
Max. motor current	2x1.6 A	2x5 A	Protection level	44 IP	44 IP
Motor power	2x370 VA	2x120 VA	Weight	24 Kg	24 Kg
Thrust	1900 N	1900 N	Pallet	9 pcs	9 pcs
Max opening	120°	120°			
Rod stroke	350 mm	350 mm			
Actuator speed	16 mm/s	16 mm/s			
Work cycles	30%	intensive			
Capacitor	8 µF	-			
Encoder	YES	YES			
Electrical limit switches (forseen)	optional	optional			
Mechanical limit switches (forseen)	AP / CH	AP / CH			
Grease lubricant	TS10	TS10			



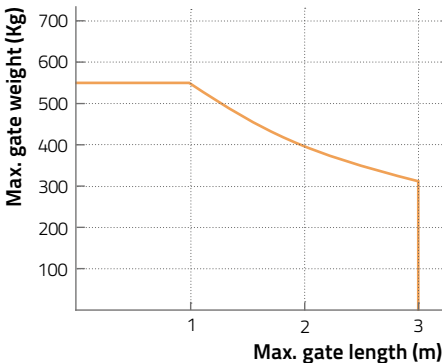
KIT ASY3 N/324 N

INSTALLATION DIAGRAM



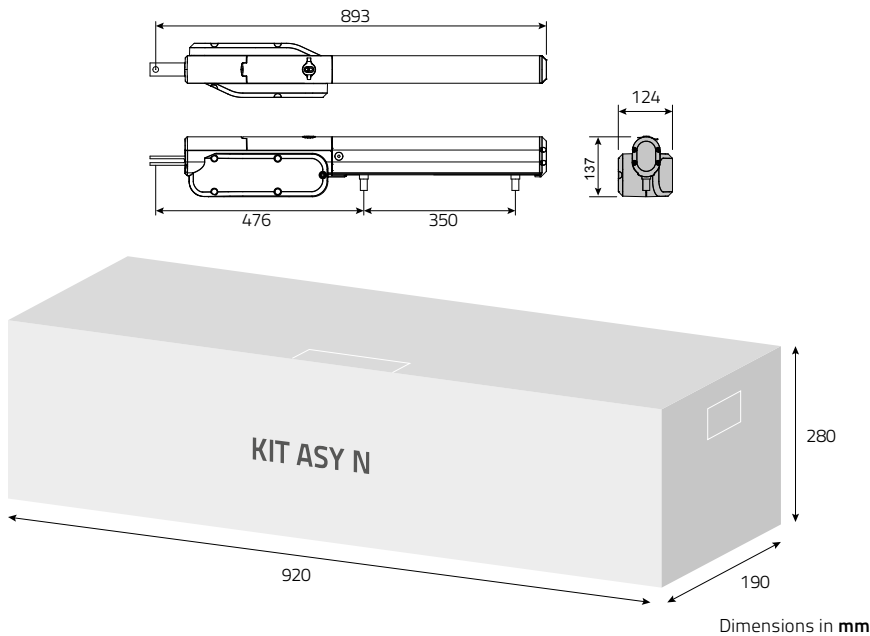
1. Motor
2. Transmitter
3. Photocells
4. Control unit
5. Flashing light
6. Selector
7. Sun Power
8. Photovoltaic panel

UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



ACCESSORIES

ELV
Vertical/horizontal electric lock 12 V.



SRA
Adjustable front bracket. Pack of 2pcs.
SRP
Adjustable rear bracket. Pack of 2pcs.



BLA
Leaf stopper.



PRG LINK
WiFi programming unit for central units.



206/FCAS
Kit of electric limit switch for 3 meter leafs. Pack of 2 pcs.



SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



FCMASY
Kit of machanic limit swith. Pack of 4 pcs. Compatible with ASY3, ASY5, ASY324, ASY524, ASY524REV.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.



KIT TAG N

ELECTROMECHANICAL PISTON 24V FOR SWING GATES



Kit with two 24 V electromechanical actuators ideal for residential swing gates up to 2 meters. Equipped with encoder and key release with micro switch.
Safe and Precise thanks to the encoder and the slowing down in opening and closing.
Practical thanks to the control unit with plug-in receiver and self-learning function.
Reliable because it is entirely made out of quality materials as aluminum, stainless steel and techno polymers .

Available in EDGE version.

KIT CONTAINING:

TAG DX and TAG SX

Couple of electromechanical pistons.

T224

Control unit (see also pages 88-89).

NOIRE OC2

2 channels plug in receiver (see also pages 102-103).

NOIRE 2E

2 channels rolling code transmitter (see also pages 102-103).

Fixing accessories and warning sign included.

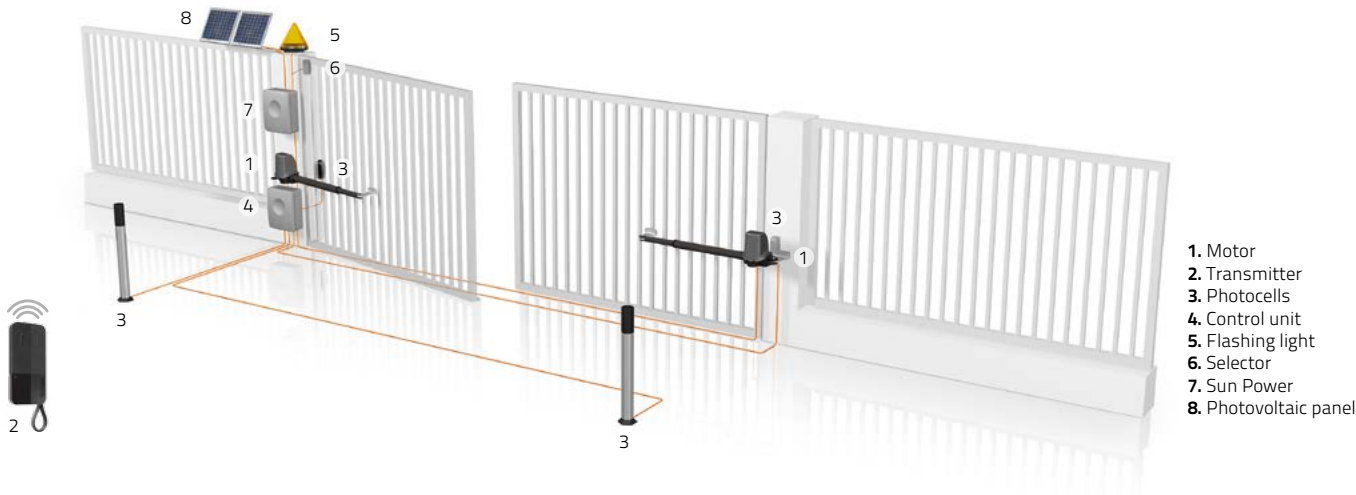


TECHNICAL SPECIFICATIONS	KIT TAG N	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	KIT TAG N	GENERAL DATA	KIT TAG N
Motor power supply	24 V	Model	T224	Working temperature	-20 +55°C
Max. motor current	2x3 A	Power supply	230 V	Protection level	IP 44
Motor power	2x70 W	Max. current	1 A	Weight	12,5 Kg
Thrust	1500 N	Electronic slow down	YES	Pallet	16 pcs
Max gate weight	150 Kg	Compatible with Sun Power	YES		
Max. gate length	2000 mm				
Max opening	100°				
Rod stroke	360 mm				
Actuator speed	20 mm/s				
Work cycles	50%				
Encoder	YES				
Grease lubricant	TS10				

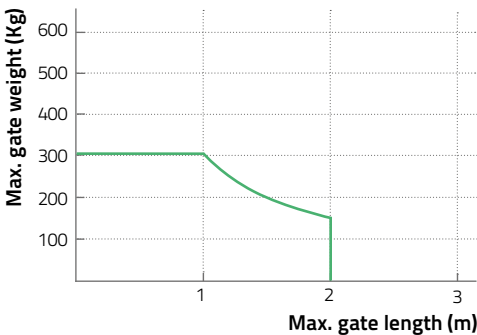


KIT TAG

INSTALLATION DIAGRAM

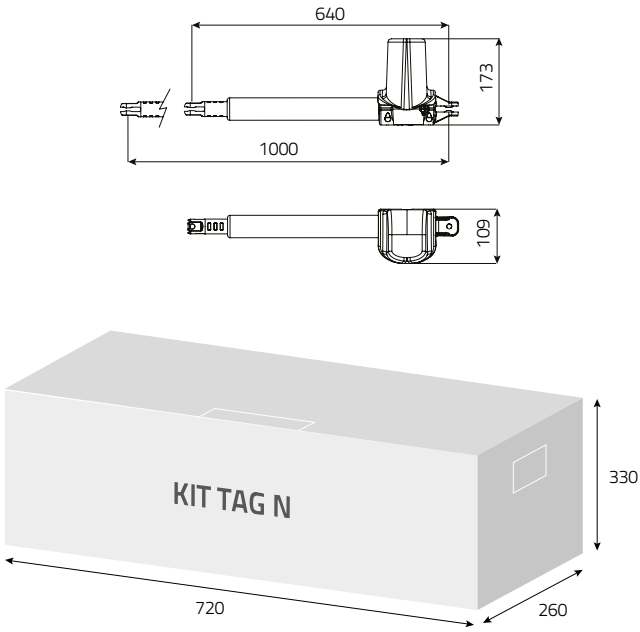


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



Dimensions in mm

ACCESSORIES

ELV

Vertical/horizontal electric lock 12 V.



SUN POWER

Solar power kit with solar panel and battery. Suitable for all 24 V control units.



PRG LINK

WiFi programming unit for central units.



SUPBAT

Pair of brackets to fix 2 BAT12V2A to the cover of control units box.

BAT12V2A

Battery 12V 2Ah.

CB24

24 V battery charger. Suitable for 24 V control units.



T224

Control unit for 1/2 motors 24V, with encoder control, torque adjustment and slowing down.



BLUES

HYDRAULIC PISTON FOR SWING GATES



SLOWING



INTENSIVE



INDUSTRIAL



HYDRAULIC



Heavy duty hydraulic motor, ideal for intensive use on swing gate up to 2.5/4,5 meters. Available in reversible or irreversible version. The elegantly classic design hides a powerful mechanism delivering smooth and silent operations.

Safe and Precise thanks to the speed and force/thrust setting independently in opening and closing and the hydraulic deceleration function.

Constant performance over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature using HOT (optional).

BLUES 3R

230 V reversible hydraulic piston.
For leafs up to 2,5 m.

BLUES 5R

230 V reversible hydraulic piston.
With slow down in opening and closing.
For leafs up to 4,5 m.

BLUES 3

230 V irreversible hydraulic piston.
For leafs up to 2,5 m.

BLUES 5

230 V irreversible hydraulic piston.
With slow down in opening and closing.
For leafs up to 4,5 m.

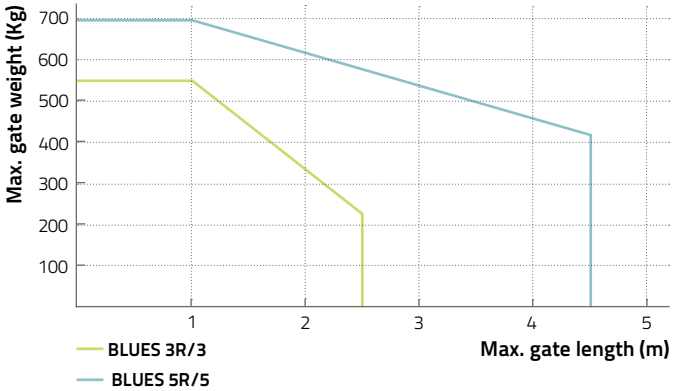
TECHNICAL SPECIFICATIONS	BLUES3R	BLUES5R	BLUES3	BLUES5
Motor power supply	230 V	230 V	230 V	230 V
Max. motor current	1,2 A	1,2 A	1,2 A	1,2 A
Motor power	280 W	280 W	280 W	280 W
Thrust	0-3000 N	0-3000 N	0-3000 N	0-3000 N
Max gate weight	350 Kg	500 Kg	350 Kg	500 Kg
Max. gate length	2500 mm	4500 mm	2500 mm	4500 mm
Max opening	105°	105°	105°	105°
Rod stroke	270 mm	378 mm	270 mm	378 mm
Actuator speed	12 mm/s	12 mm/s	12 mm/s	12 mm/s
Work cycles	intensive	intensive	intensive	intensive
Capacitor	8 µF	8 µF	8 µF	8 µF
Hydraulic slowing down	NO	YES	NO	YES
Thermal protection	105°C	105°C	105°C	105°C
Oil lubricant	TS30	TS30	TS30	TS30
GENERAL DATA				
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
Protection level	IP 56	IP 56	IP 56	IP 56
Weight	13 Kg	15 Kg	13 Kg	15 Kg
Pallet	30 pcs	30 pcs	30 pcs	30 pcs

BLUES

INSTALLATION DIAGRAM

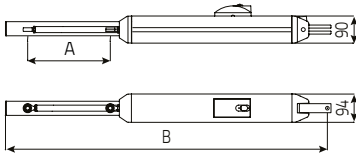


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



	BLUES 3R/3	BLUES 5R/5
A	270	378
B	1080	1320

Dimensions in mm

ACCESSORIES

ELV

Vertical/horizontal electric lock 12 V.



T600

Control unit for 1/2 motors 230 V, with encoder control, torque adjustment and slowing down.



BLA

Leaf stopper.



HOT

Electronic heating system with temperature sensor, for 230 V motors.



TS30

Oil for hydraulic actuators. 5 liters.



CK160/CK200

Resistive sensitive edge, compliant with EN12978, to be installed with electronic card CSSENSOR, length 160/200 cm. With caps.



KIT TEN1 N

REVERSIBLE ACTUATOR FOR PEDESTRIAN FATES



Kit with one electromechanical 12 V actuator for swing gates.

Compact ideal for pillars as small as 10 cm width.

Fast no more waiting in front of the gate, KitTen1 opens in just 5 seconds. Perfect for pedestrian gates.

Safe and Precise thanks to the encoder and the slowing down in opening and closing. Connection dedicated to resistive edges 8.2 kΩ (EN12978)

Practical thanks to the control unit with plug-in receiver and self-learning function.

Available in EDGE version.

KIT CONTAINING:

TEN1

Single gearmotor, complete with arm and guide.

E124

Control unit.

NOIRE OC2

2 channels plug in receiver (see also pages 102-103).

NOIRE 2E

2 channels rolling code transmitter (see also pages 102-103).

Fixing accessories and warning sign included.



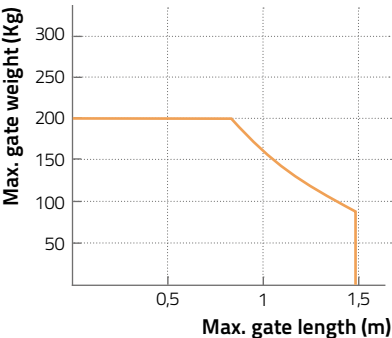
TELCOMA
GATE AUTOMATION SINCE 1980

KIT TEN1

INSTALLATION DIAGRAM

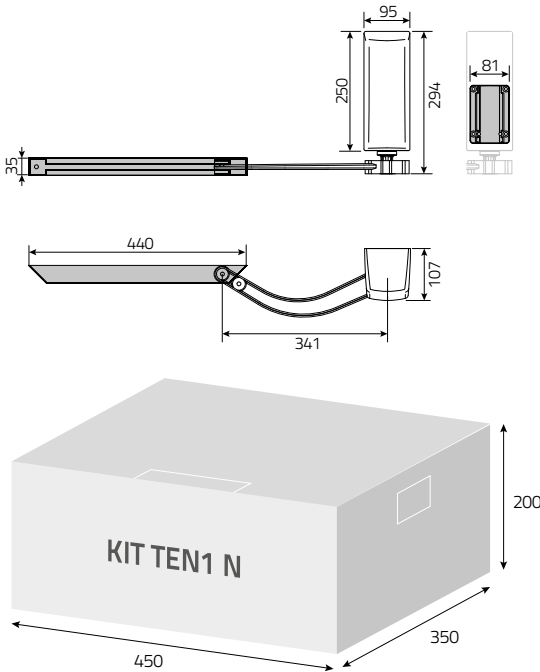


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



Dimensions in mm

ACCESSORIES

ELV

Vertical/horizontal electric lock 12 V.



SUPBAT

Pair of brackets to fix 2 BAT12V2A to the cover of control units box.

BAT12V2A

Battery 12V 2Ah.

CB24

24 V battery charger. Suitable for 24 V control units.



SUN POWER

Solar power kit with solar panel and battery. Suitable for all 24 V control units.



KIT TEN2 N

ARTICULATED ARM FOR RESIDENTIAL SWING GATES



Kit with two electromechanical 12 V actuator ideal for residential swing gates up to 1,5 meters.
Compact ideal for pillars as small as 10 cm width.
Fast no more waiting in front of the gate, KitTen2 opens in just 8 seconds.
Safe and Precise thanks to the encoder and the slowing down in opening and closing. Connection dedicated to resistive edges 8.2 kΩ (EN12978)
Practical thanks to the control unit with plug-in receiver and self-learning function.

Available in EDGE version.

KIT CONTAINING:

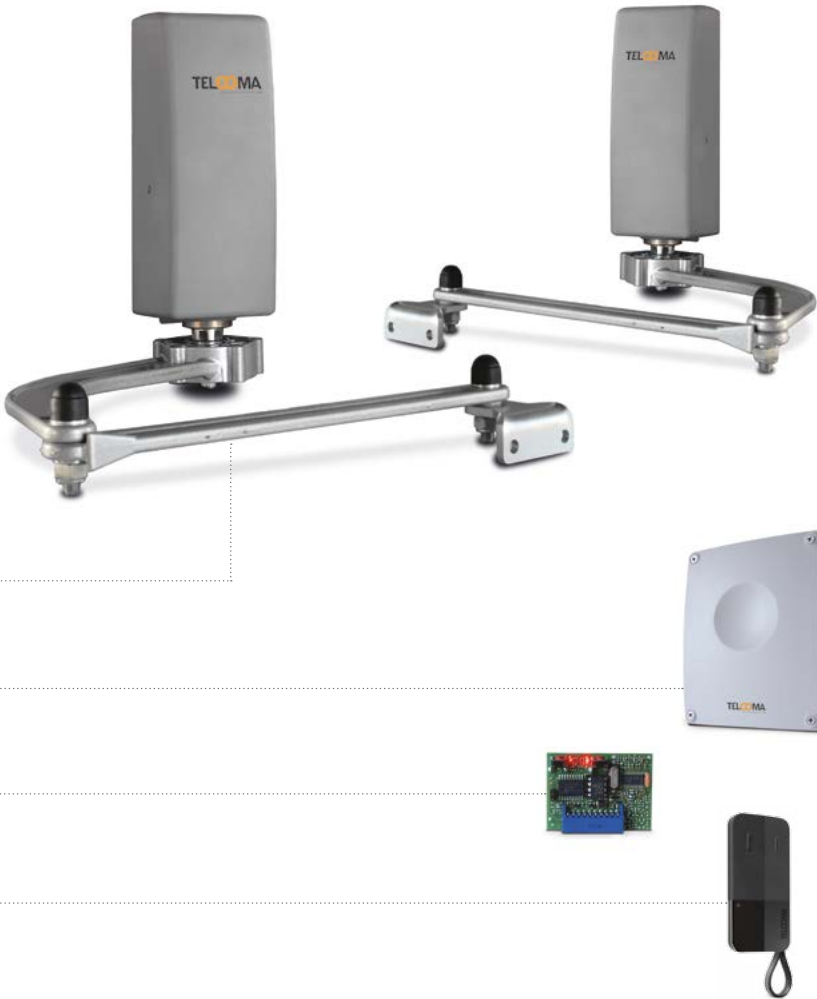
TEN2
Couple of gearmotors, with articulated arms.

E224
Control unit.

NOIRE OC2
2 channels plug in receiver (see also pages 102-103).

NOIRE 2E
2 channels rolling code transmitter (see also pages 102-103).

Fixing accessories and warning sign included.



TECHNICAL SPECIFICATIONS	KIT TEN2 N	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	KIT TEN2 N	GENERAL DATA	KIT TEN2 N
Motor power supply	12 V	Model	E224	Working temperature	-20 +55°C
Max. motor current	2x4 A	Power supply	230 V	Protection level	IP 44
Motor power	2x60 W	Max. current	1 A	Weight	13 Kg
Max. torque	70 Nm	Electronic slow down	YES	Pallet	20 pcs
Max gate weight	170 Kg	Compatible with Sun Power	YES		
Max. gate length	1500 mm				
Max opening	110°				
Work cycles	intensive				
Encoder	YES				
Grease lubricant	TS10				



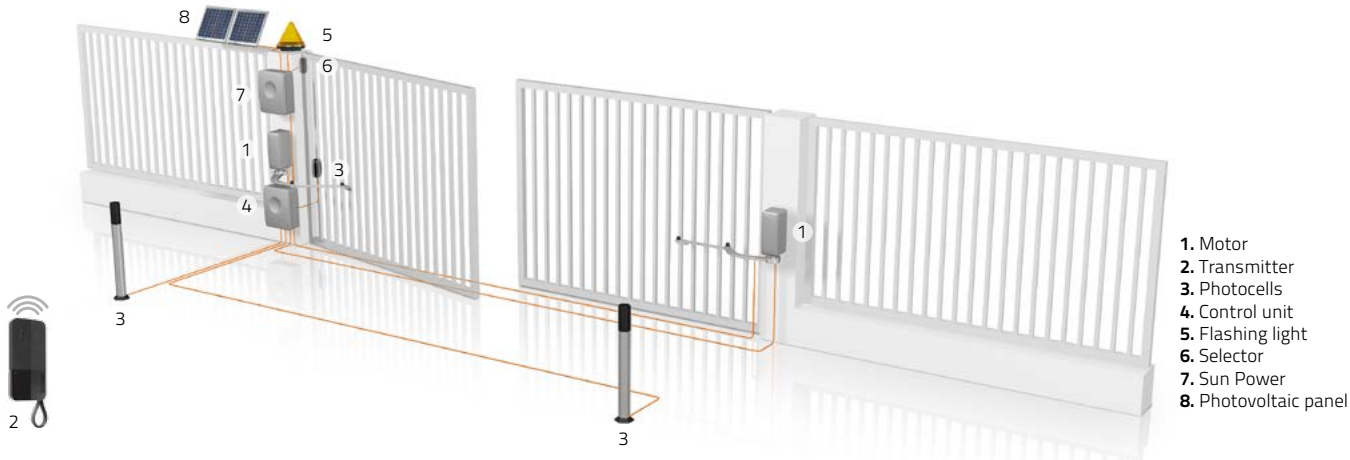
GATE AUTOMATION SINCE 1980



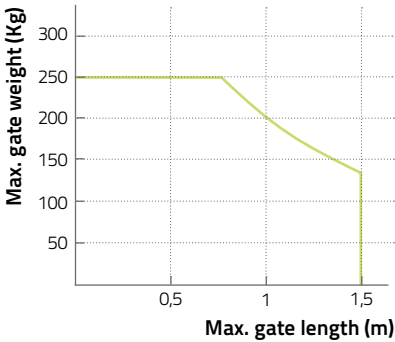
GATE AUTOMATION SINCE 1980

KIT TEN2

INSTALLATION DIAGRAM

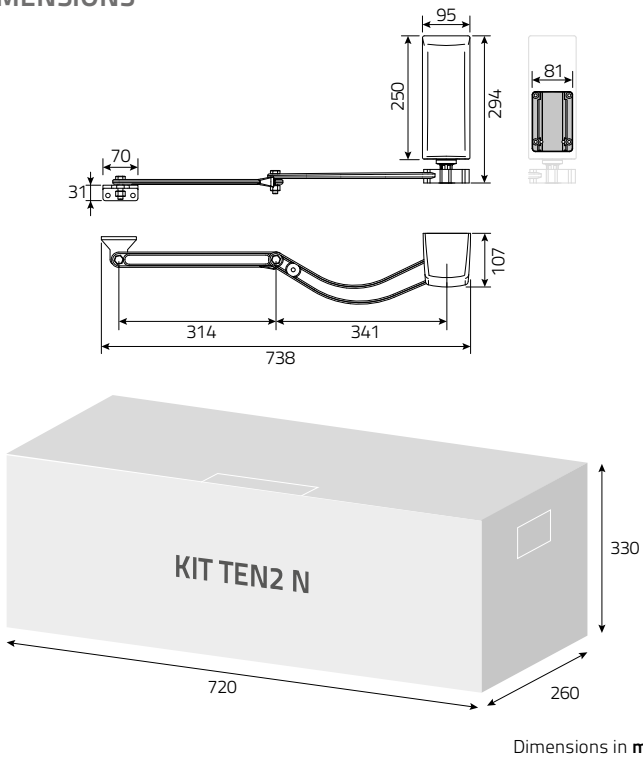


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



ACCESSORIES

ELV
Vertical/horizontal electric lock 12 V.



SUPBAT
Pair of brackets to fix 2 BAT12V2A to the cover of control units box.
BAT12V2A
Battery 12V 2Ah.
CB24
24 V battery charger. Suitable for 24 V control units.



SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



KIT STEALTH N

ARTICULATED ARM FOR SWING GATES



Kit with two 24V electro-mechanical actuators for hinged gates up to 2.5m in length. Adjustment of internal stops, width of only 180mm, easy release and protected by coded key. Safe thanks to the amperometric controller, programmable slowing down during opening and closing and safety inputs with 8.2k contact for safety edges. Practical thanks to the built-in control unit with plug-in receiver and self-learning capacity.

Available in EDGE version.

KIT CONTAINING:

STEALTH

Couple of gearmotors, with articulated arms.

NOIRE OC2

2 channels plug in receiver (see also pages 102-103).

NOIRE 2E

2 channels rolling code transmitter (see also pages 102-103).

APRO

Key selector (see also page 116).

VEDO 180

Pair of adjustable photocells (see also page 115).

LACO 24AL

Flashing light with antenna (see also page 113).

SUPLACO

Flashing light support (see also page 113).

Fixing accessories and warning sign included.



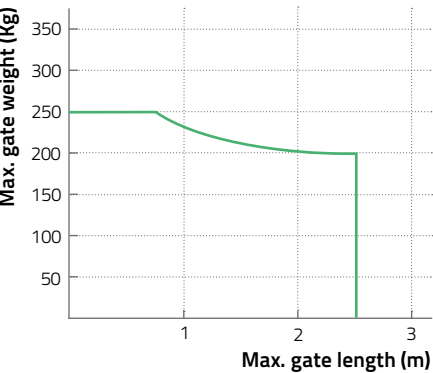
TELCOMA
GATE AUTOMATION SINCE 1980

KIT STEALTH N

INSTALLATION DIAGRAM

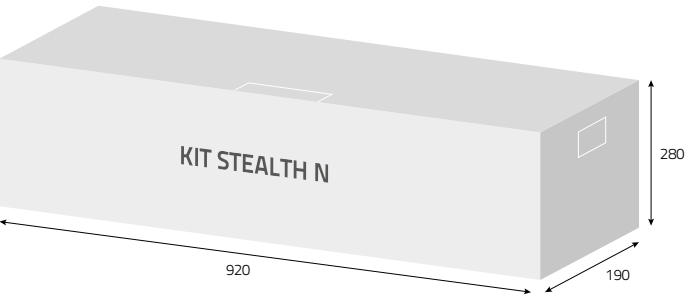
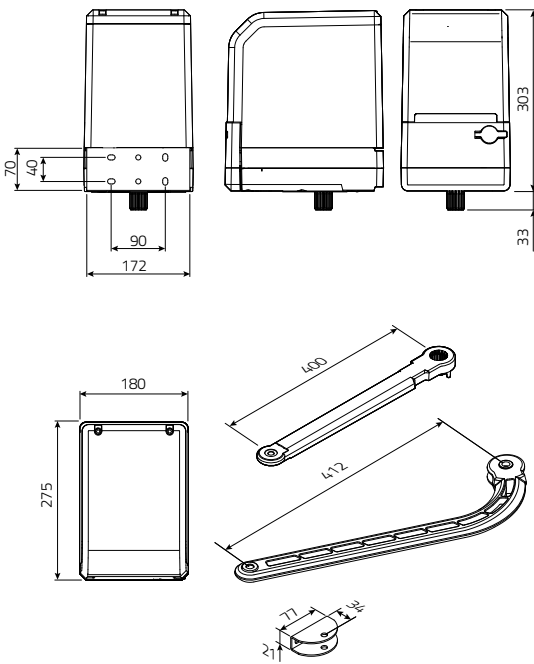


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



TECHNICAL SPECIFICATIONS	KIT STEALTH N	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	KIT STEALTH N	GENERAL DATA	KIT STEALTH N
Motor power supply	24 V	Model	A624	Working temperature	-20 +55°C
Max. motor current	2x6 A	Power supply	230 V	Protection level	IP 54
Motor power	2x120 W	Max. current	1 A	Weight	20 Kg
Max. torque	250 Nm	Electronic slow down	YES	Pallet	12 pcs
Max gate weight	250 Kg	Compatible with Sun Power	YES		
Max. gate length	2500 mm				
Max opening	120°				
Work cycles	40 cycles/h				
Encoder	NO				
Mechanical limiters	YES				
Grease lubricant	EP004				

ACCESSORIES

ELV

Vertical/horizontal electric lock 12 V.



PRG LINK

WiFi programming unit for central units.



SPB24

External box with 2 batteries 12V 7Ah.

CB24

24 V battery charger. Suitable for 24 V control units.



SUN POWER


Solar power kit with solar panel and battery. Suitable for all 24 V control units.




Dimensions in mm

ARM


ARTICULATED ARM FOR SWING GATES



ENCODER


SLOWING

24V

24V


SUN POWER


INTENSIVE

available on all Arm

only ARM24

Electromechanical 24V/230 V actuators for swing gates up to 3 meters. Ideal for very wide columns and where the articulated arms delivers a smooth and fluid movement.

Safe and Precise thanks to the encoder and electrical final limit switches dring opening and closing. .

Reliable thanks to the sturdy mechanical parts and the powerful motor.

ARM
230 V irreversible electromechanical gearmotor, with painted articulated arm.
For leafs up to 3 m.

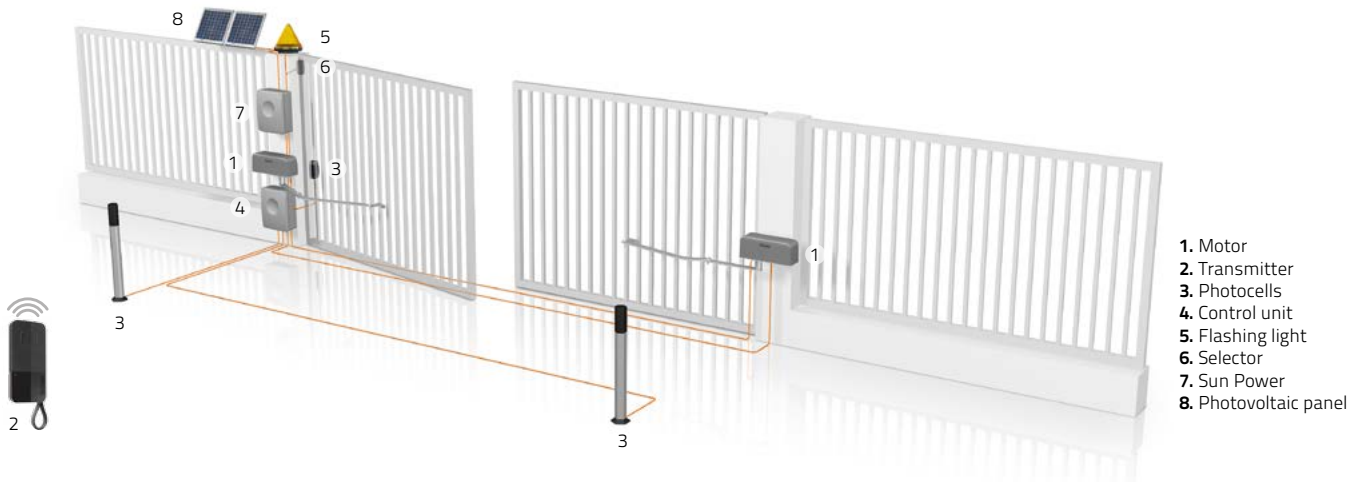
ARM24
24 Vdc irreversible electromechanical gearmotor, with painted articulated arm.
For leafs up to 3 m.



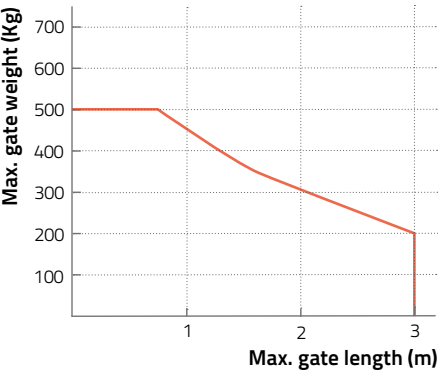
TECHNICAL SPECIFICATIONS	ARM	ARM24	GENERAL DATA	ARM	ARM24
Motor power supply	230 V	24 V	Working temperature	-20 +55°C	-20 +55°C
Max. motor current	1,9 A	5 A	Protection level	IP 44	IP 44
Motor power	400 W	120 W	Weight	14,5 Kg	13,5 Kg
Max. torque	400 Nm	385 Nm	Pallet	35 pcs	35 pcs
Max gate weight	200 Kg	200 Kg			
Max. gate length	3000 mm	3000 mm			
Max opening	130°	130°			
Work cycles	30%	intensive			
Capacitor	10 µF	-			
Encoder	YES	YES			
Limit switches	YES	YES			
Thermal protection	150°C	-			
Grease lubricant	TS10	TS10			

ARM

INSTALLATION DIAGRAM

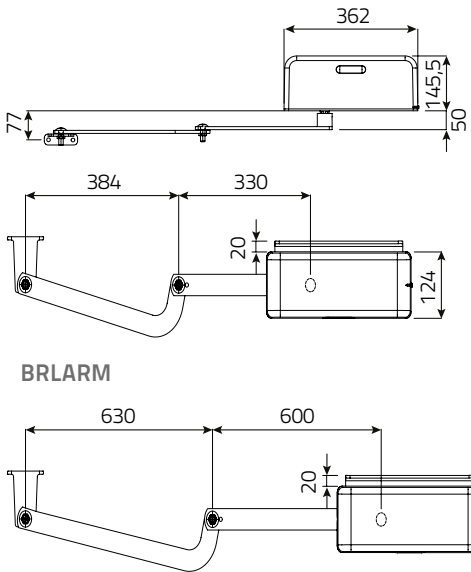


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



ACCESSORIES

ELV
Vertical/horizontal electric lock 12 V.



BLA
Leaf stopper.



BRLARM
Longer articulated arm for leafs up to 3,5 m.



SUN POWER
Solar power kit with solar panel and battery.
Suitable for all 24 V control units.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.



T600
Control unit for 1/2 motors 230 V, with encoder control, torque adjustment and slowing down.
T624
Control unit for 1/2 motors 24 V, with encoder control, torque adjustment and slowing down.



KIT ARM N

ARTICULATED ARM FOR SWING GATES



Kit with two electromechanical 230 V actuators for swing gates up to 3 meters. Ideal for very wide columns and where the articulated arms delivers a smooth and fluid movement.
Safe and Precise thanks to the encoder and the slowing down in opening and closing.
Practical thanks to the control unit with plug-in receiver and self-learning function.
Reliable thanks to the sturdy mechanical parts and the powerful motor.
Available in EDGE version.

KIT CONTAINING:

ARM
Couple of 230 V irreversible electromechanical gearmotors, with painted articulated arm.

T201
Control unit (see also pages 88-89).

NOIRE OC2
2 channels plug in receiver (see also pages 102-103).

NOIRE 2E
2 channels rolling code transmitter (see also pages 102-103).

APRO
Key selector (see also page 116).

VEDO 180
Pair of adjustable photocells (see also page 115).

LACO 220A
Flashing light with antenna (see also page 113).

SUPLACO
Flashing light support (see also page 113).

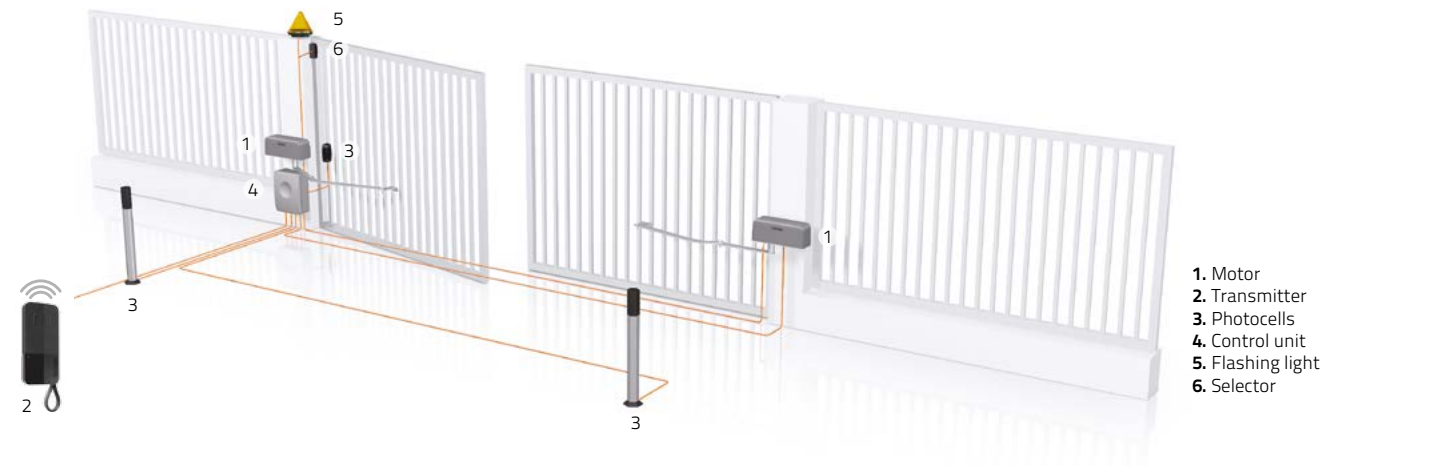
Fixing accessories and warning sign included.

TECHNICAL SPECIFICATIONS	KIT ARM N	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	KIT ARM N	GENERAL DATA	KIT ARM N
Motor power supply	230 V	Model	T201	Working temperature	-20 +55°C
Max. motor current	2x1,9 A	Power supply	230 V	Protection level	IP 44
Motor power	2x400 W	Max. current	6,3 A	Weight	33 Kg
Max. torque	400 Nm	Electronic slow down	YES	Pallet	9 pcs
Max gate weight	250 Kg	Compatible with Sun Power	NO		
Max. gate length	3000 mm				
Max opening	130°				
Work cycles	30%				
Capacitor	10 µF				
Encoder	YES				
Limit switches	YES				
Thermal protection	150°C				
Grease lubricant	TS10				

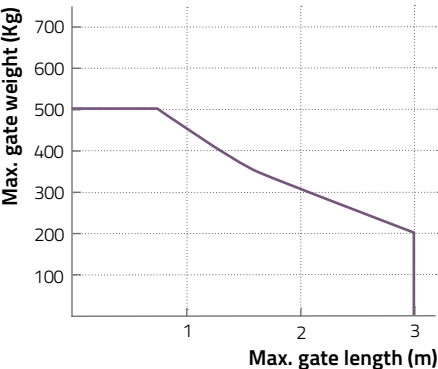


KIT ARM

INSTALLATION DIAGRAM

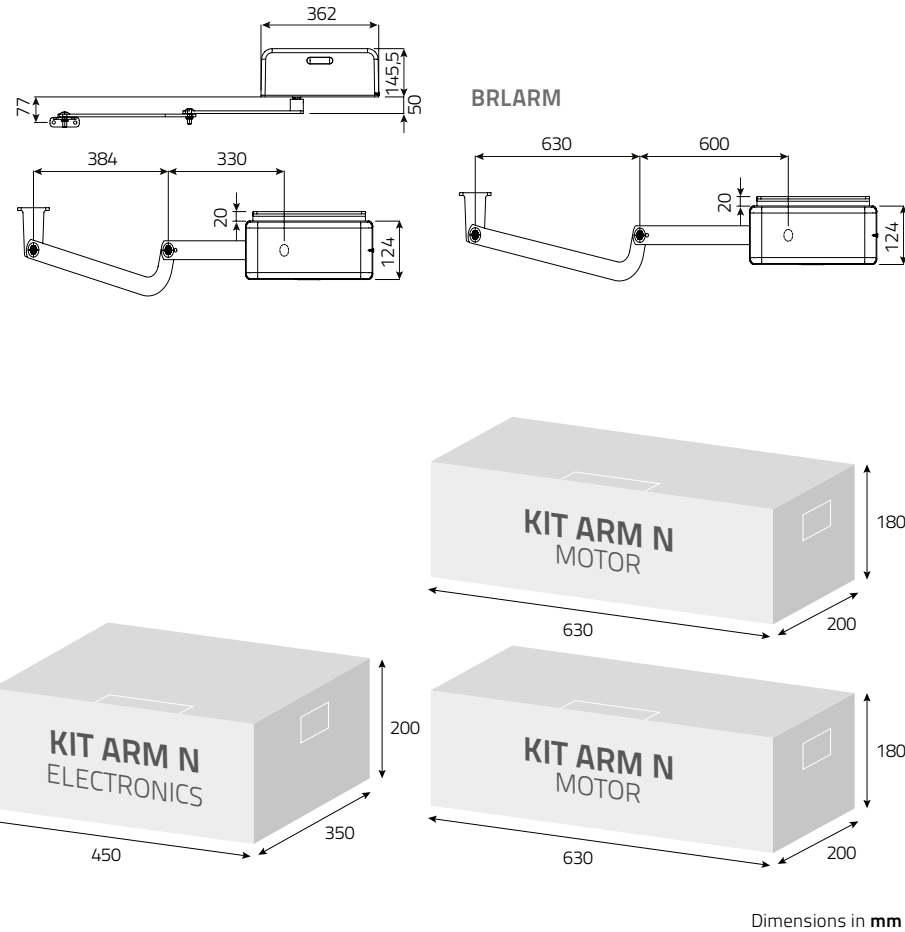


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



ACCESSORIES

ELV
Vertical/horizontal electric lock 12 V.



BRLARM
Longer articulated arm for leaves up to 3,5 m.




BLA
Leaf stopper.




MOLE


UNDERGROUND ACTUATOR FOR SWING GATES




SLOWING




ENCODER



24V



SUN POWER



INTENSIVE

in dotazione su tutta la serie

solo MOLE

Underground gearmotor 24 V ideal for swing gates up to 3 meters. Complete with encoder and easy release for manual operation it is safe, practical and reliable.

Safe and Precise thanks to the encoder and the slowing down in opening and closing

Practical thanks to the control unit with plug-in receiver and self-learning function. Adjustable mechanical limits in the foundation box.

Reliable thanks to the sturdy mechanical parts and the powerful motor in perfectly water resistant aluminum shells.

MOLE
24 V electromechanical underground gearmotor, **for leafs up to 3 m.**

MOLE 230
230 V electromechanical underground gearmotor, **for leafs up to 3 m.**

BOX MOLE
Foundation box, complete with connection levers and mechanical stops on opening and closing. Anticorrosive hot galvanized treatment.

BOX MOLE 1
Foundation box, complete with connection levers and mechanical stops on opening and closing. Anticorrosive hot galvanized treatment and stainless steel cover.

BOX MOLE INOX
Complete stainless steel foundation box, with connection levers and mechanical stops on opening and closing.



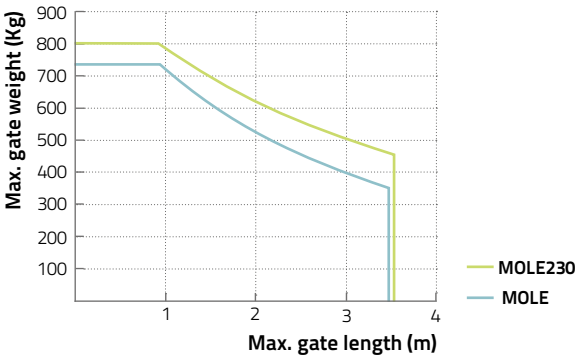
TECHNICAL SPECIFICATIONS	MOLE	MOLE230	GENERAL DATA	MOLE	MOLE230
Motor power supply	24 V	230 V	Working temperature	-20 +55°C	-20 +55°C
Max. motor current	5 A	2 A	Protection level	IP 67	IP 67
Motor power	200 W	370 W	Weight	11 Kg	12 Kg
Max. torque	400 Nm	500 Nm	Pallet	25 pcs	25 pcs
Max gate weight	350 Kg	450 Kg			
Max. gate length	3500 mm	3500 mm			
Max opening	115°	115°			
Work cycles	intensive	30%			
Encoder	YES	NO			
Mechanical stops	YES	NO			
Grease lubricant	TS10	TS10			

MOLE

INSTALLATION DIAGRAM

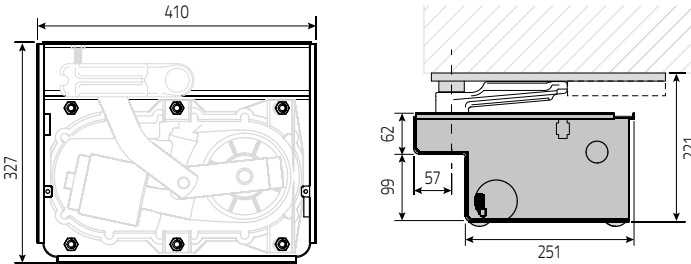


UTILISATION LIMITS



The leaf shape, the non correct installation and the presence of wind can reduce the utilisation limits shown in the chart.

DIMENSIONS



Dimensions in mm

ACCESSORIES

ELV
Vertical/horizontal electric lock 12 V.



BLA
Leaf stopper.



ACCMOLE 360
Accessory for opening up to 360°, complete with pinion and chain.



SBLMOLE
Release system with tri-lobed key.
SBLSMOLE
Lever release system.



PRG LINK
WiFi programming unit for central units.



T600
Control unit for 1/2 motors 230 V, with encoder control, torque adjustment and slowing down.
T624
Control unit for 1/2 motors 24 V, with encoder control, torque adjustment and slowing down.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.

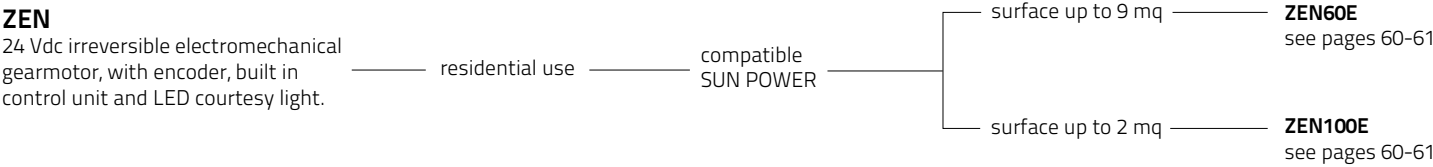


SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



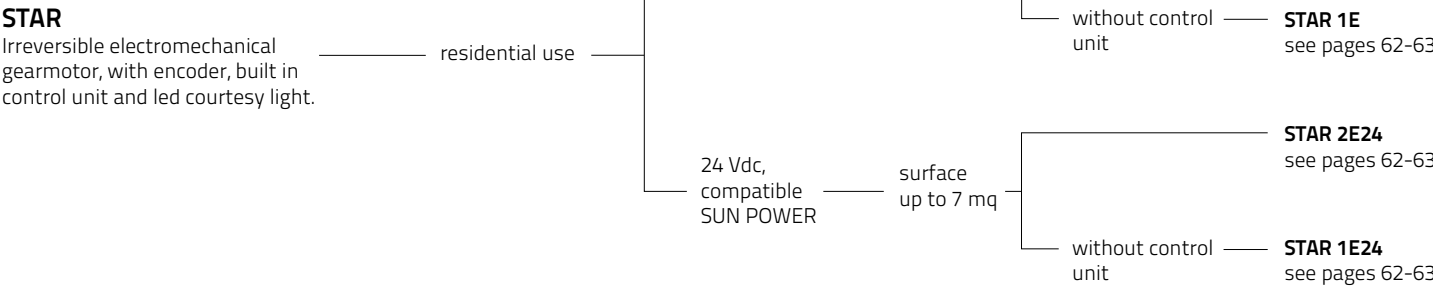


GARAGE **DOORS**



ZEN

- ENCODER
- SLOWING
- 24V
- SUN POWER
- TÜV APPROVED



STAR

- ENCODER
 - SLOWING
 - 24V
 - SUN POWER
- available on all Star
- only STAR 24 V

ZEN

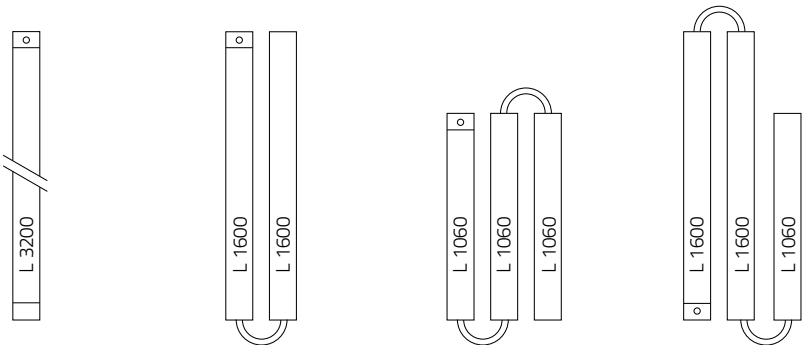
ELECTROMECHANICAL ACTUATOR FOR SECTIONAL DOORS



Electromechanical gearmotor 24 V ideal for sectional and overhead doors, up to 12 sqm. Complete with encoder and in-built control it is available with belt or chain transmission.

TUV tested and approved.

Safe and Precise thanks to the encoder and the slowing down in opening and closing. LED courtesy light.
Practical thanks to the control unit with plug-in receiver and self-learning function and the dedicated connection to resistive edges 8.2kΩ (EN12978)
Versatile available with guide in one single piece or in sections. Both versions have chain or belt and all accessories preinstalled.



ZEN60E
Irreversible electromechanical gearmotor for residential use. 24 Vdc motor with encoder, **max force 600 N**. Built in control unit with LED courtesy light.

ZEN100E
Irreversible electromechanical gearmotor for residential use. 24 Vdc motor with encoder, **max force 1000 N**. Built in control unit with LED courtesy light.

ZEN GB1E
Assembled single guide with belt and accessories.

ZEN GB2E
Modular guide in 2 pieces with belt and assembled accessories.

ZEN GB3E
Modular guide in 3 pieces with belt and assembled accessories.

ZEN GB4E
Modular guide in 4 pieces with belt and assembled accessories.

ZEN GC1E
Assembled single guide with chain and accessories.

ZEN GC2E
Modular guide in 2 pieces with chain and assembled accessories.

ZEN GC3E
Modular guide in 3 pieces with chain and assembled accessories.

ZEN GC4E
Modular guide in 4 pieces with chain and assembled accessories.

TECHNICAL SPECIFICATIONS	ZEN60E	ZEN100E	TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT	ZEN 60/100E	GENERAL DATA	ZEN60E	ZEN100E
Motor power supply	24 V	24 V	Model	Z124	Working temperature	-20 +55°C	-20 +55°C
Max. motor current	4 A	5 A	Power supply	230 V	Protection level	IP 30	IP 30
Motor power	100 W	130 W	Max. current	0,5 A	Weight	5 Kg	5,5 Kg
Thrust	600 N	1000 N	Electronic slow down	YES	Pallet	36 pcs	36 pcs
Max. surface	9 m²	12 m²	Compatible with Sun Power	YES			
Opening time	20 sec	20 sec					
Work cycles	intensive	intensive					
Encoder	YES	YES					
Mechanical limiters	YES	YES					



GATE AUTOMATION SINCE 1980



GATE AUTOMATION SINCE 1980

ZEN

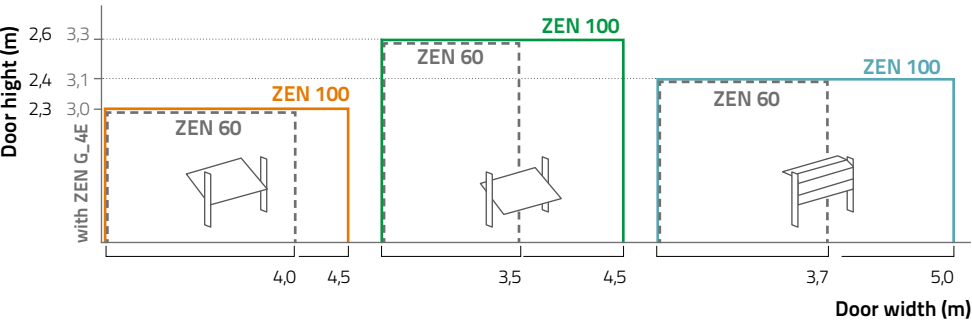
INSTALLATION DIAGRAM



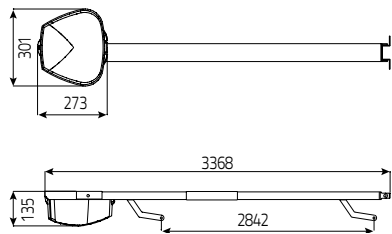
- 1. Motor
- 2. Transmitter
- 3. Photocells
- 4. Selector
- 5. Sun Power
- 6. Photovoltaic panel

UTILISATION LIMITS

Using the maximum travel



DIMENSIONS



Dimensions in mm

ACCESSORIES

KS ZEN
External release kit for overhead and sectional doors. With coded key.



SUPZEN
Increased fixing brackets for heavy doors.



BO
Oscillating arm designed for overhead doors.



SPB24
External box with 2 batteries 12V 7Ah.
CB24
24 V battery charger. Suitable for 24 V control units.



ZEN ST2
Kit staffe di fissaggio supplementari.




SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



STAR


ELECTROMECHANICAL ACTUATOR FOR OVERHEAD DOORS




ENCODER



SLOWING



24V



SUN POWER

available on all Star

only STAR 24 V

Electromechanical gearmotor 24 V/230 V ideal for overhead doors up to 8 sqm. **Safe and Precise** thanks to the encoder and the slowing down in opening and closing. **Practical** thanks to the control unit with plug-in receiver and self-learning function. LED courtesy light. **Versatile**, with a wide choice of accessories for any installation need.

STAR 1E
230 V irreversible electromechanical gearmotor. Without control unit.

STAR 2E
230 V irreversible electromechanical gearmotor. Complete with electric limit switches, encoder and control unit.

STAR 2AE
230 V irreversible electromechanical gearmotor. Complete with electric limit switches, encoder and control unit. With autotransformer and torque adjustment.

STAR 1E24
24V irreversible electromechanical gearmotor. Without control unit.

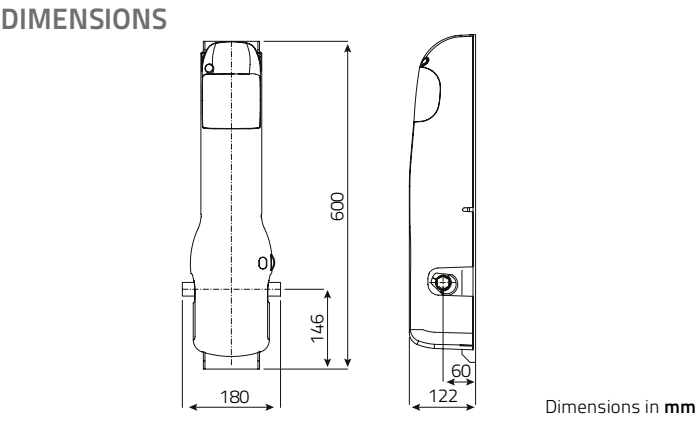
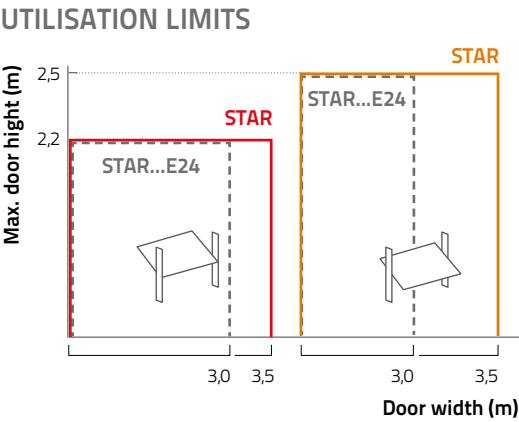
STAR 2E24
24V irreversible electromechanical gearmotor. Complete with electric limit switches, encoder and control unit.

TECHNICAL SPECIFICATIONS	STAR 1E	STAR 2E	STAR 2AE	STAR 1E24	STAR 2E24
Motor power supply	230 V	230 V	230 V	24 V	24 V
Max. motor current	1,7 A	1,7 A	1,7 A	5 A	5 A
Motor power	360 W	360 W	360 W	120 W	120 W
Max. torque	400 Nm	400 Nm	400 Nm	385 Nm	385 Nm
Max. door surface	8 m²	8 m²	8 m²	7 m²	7 m²
Opening time	20 sec	20 sec	20 sec	15 sec	15 sec
Work cycles	40%	40%	40%	intensive	intensive
Capacitor	10 µF	10 µF	10 µF	-	-
Encoder	optional	YES	YES	YES	YES
Limit switches	optional	-	-	optional	-
Grease lubricant	TS10	TS10	TS10	TS10	TS10
TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT					
Model	-	S101	S101A	-	T124F
Power supply	-	230 V	230 V	-	230 V
Max. current	-	6,3 A	6,3 A	-	0,5 A
Electronic slow down	-	YES	YES	-	YES
Compatible with Sun Power	-	NO	NO	-	YES
GENERAL DATA					
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
Protection level	IP 30	IP 30	IP 30	IP 30	IP 30
Weight	9 Kg	9,5 Kg	10,5 Kg	8 Kg	10 Kg
Pallet	35 pcs	35 pcs	35 pcs	35 pcs	35 pcs



STAR

INSTALLATION DIAGRAM



ACCESSORIES

SS60STAR A
Support bracket 60 cm.
Galvanized steel.



SS200STAR A
Support bracket 200 cm.
Galvanised steel.



SRSSTAR
2 adjustable support brackets for driving shafts (AT20/150/200).



AT20
Driving shaft 20 cm.
Support included



AT150
Driving shaft 150 cm.
Support included



AT200
Driving shaft 200 cm.
Support included



BDB
Pair of straight arms with round bush for AT shafts.



BDBUS
Streight arm with grooved bush for motor shaft.



BCB
Pair of curved arms with round bush for AT shafts.



KS ZEN
External release kit for sectional and overhead door with code key.



KSE
External unlcking system. To be combined to handle.



NOS
Lock for external unlock, directly on the motor.



CB24
24 V battery charger. Suitable for 24 V control units.



SPB24
External box with 2 batteries 12V 7Ah.



S101B
Control unit for 1 motor 230 Vac, with torque adjustment, slowing down and encoder for overhead doors.



SERIE OC2
2 channels plug in receiver.



FC STAR 1E
FC STAR 1E24
Limit switch kit and encoder for STAR 1E/STAR 1E24.

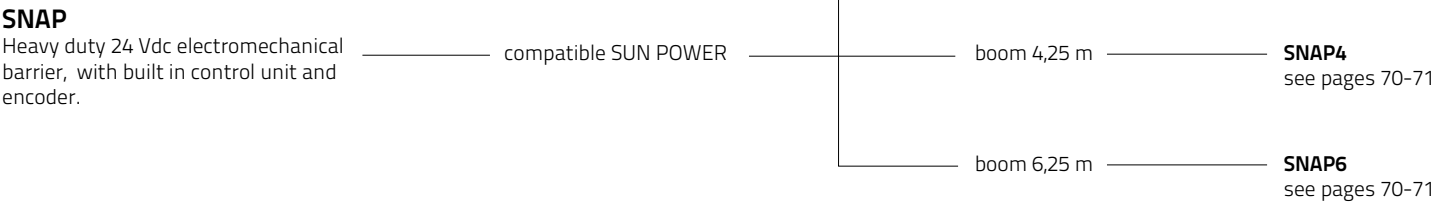


SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.

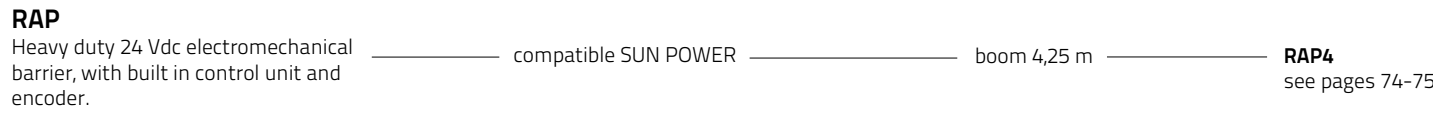




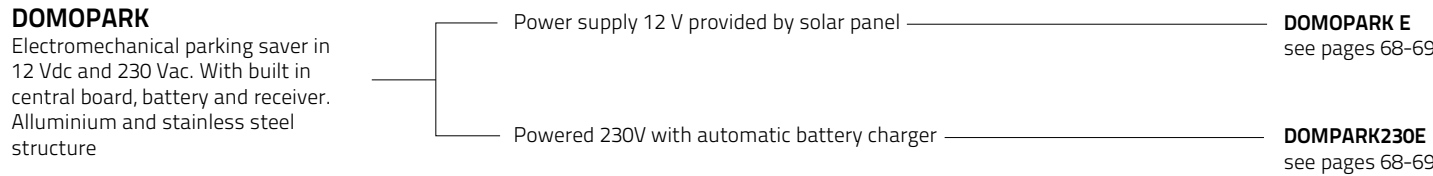
AUTOMATIC **BARRIERS**



SNAP3/4/6



RAP



DOMOPARK

DOMOPARK

ELECTROMECHANICAL PARKING SAVER



ENCODER

Automatic parking saver with inbuilt control unit. Ideal to preserve your own parking space against un authorized use.

The stainless steel structure makes it virtually indestructible. In case the curved arm is hit by a vehicle, the spring system inside prevents damage and brings the arm back into position.

Safe and precise thanks to the encoder control, it is also simple and easy to install. After fixing it to the ground it does not require any setting. The control unit is pre-programmed.

Practical, it can be installed anywhere. The in-built photovoltaic panel makes it suitable for use in any condition.

DOMOPARK E

Automatic parking saver with inbuilt solar panel. It is completely independent from the mains power supply. Works up to 4 months in total absence of light.

DOMOPARK 230E

Automatic parking saver with battery and transformer for 230 V mains power supply. Works up to 4 months in total absence of power supply.



NOIRE 2E

www.domopark.it

TECHNICAL SPECIFICATIONS

	DOMOPARKE	DOMOPARK 230E
Motor power supply	12 V	12 V
Max. motor current	3 A	3 A
Motor power	40 W	40 W
Opening time	8 sec	8 sec
Encoder	YES	YES
Grease lubricant	TS10	TS10

TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT

	D112	D112
Model	D112	D112
Power supply	12 V	12 V
Max. current	3 A	3 A

GENERAL DATA

Photovoltaic panel power	5 W	-
Battery charger to 230 V	NO	included
Working temperature	-20 +55° C	-20 +55° C
Protection level	IP 54	IP 54
Weight	19 Kg	18,5 Kg
Pallet	12 pcs	12 pcs

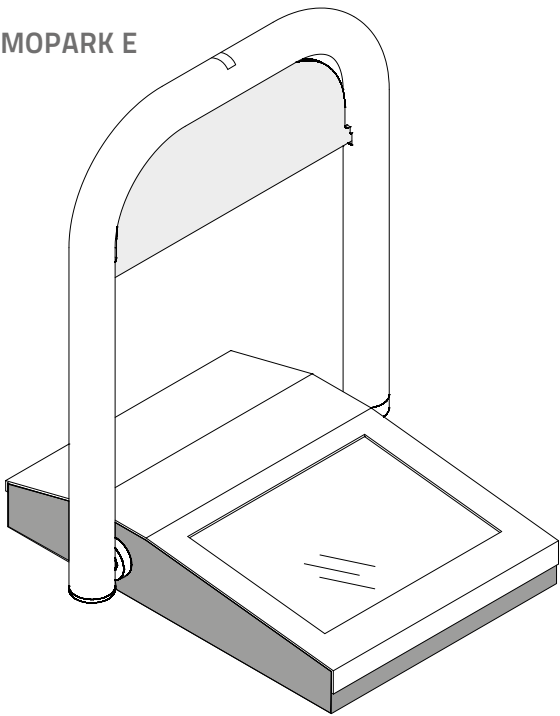
TELCOMA
GATE AUTOMATION SINCE 1980

DOMOPARK

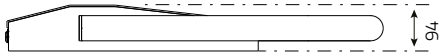
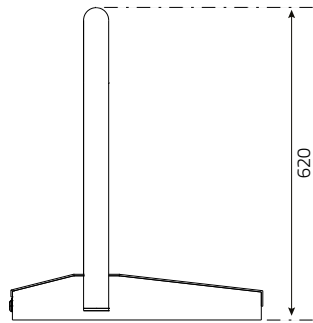
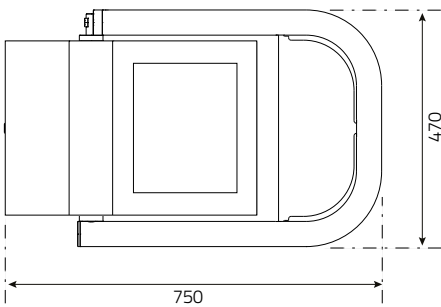
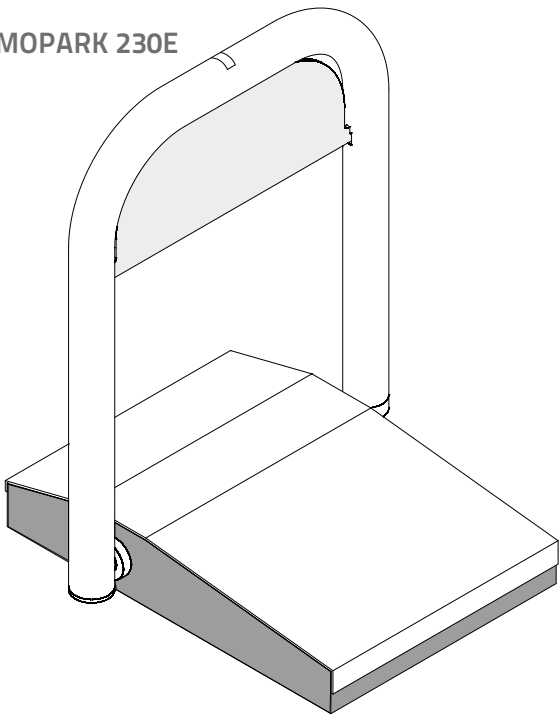


DIMENSIONS

DOMOPARK E



DOMOPARK 230E



Dimensions in mm

SNAP3/4

ELECTROMECHANICAL BARRIER



Electromechanical barrier 24 Vdc, designed for fast and fluid movements with booms up to 4 m.
Latest generation control unit and complete range of accessories.
Safe and Precise thanks to the encoder and the slowing down in opening and closing.
Practical with the in-built control unit housed on top, the LED lights and various connections available for safety devices and battery back-up.
Designed to blend into modern architectures, Snap is made of a sturdy steel structure and stainless steel panels for **reliable** operations **and long lasting appearance**.

SNAP is compatible with SUN POWER Telcoma.

Available span of 3m, 4m.

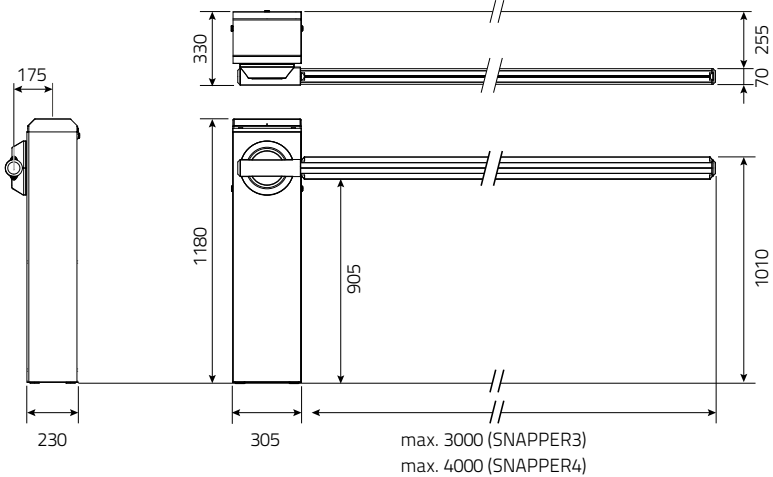


TECHNICAL SPECIFICATIONS	SNAP3	SNAP4
Motor power supply	24 V	24 V
Max. motor current	12 A	12 A
Motor power	350 W	300 W
Max. torque	750 Nm	600 Nm
Max. boom length	3250 mm	4250 mm
Max opening	100°	100°
Opening time	1,8 sec	3 sec
Work cycles	intensive	intensive
Encoder	YES	YES
Limit switches	YES	YES
Grease lubricant	TS10	TS10
TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT		
Model	SN24/3	SN24/4
Power supply	230 V	230 V
Max. current	1,5 A	1,5 A
Electronic slow down	YES	YES
Compatible with Sun Power	YES	YES
GENERAL DATA		
Working temperature	-20 +55°C	-20 +55°C
Protection level	IP 54	IP 54
Weight	50 Kg	50 Kg
Pallet	6 pcs	6 pcs



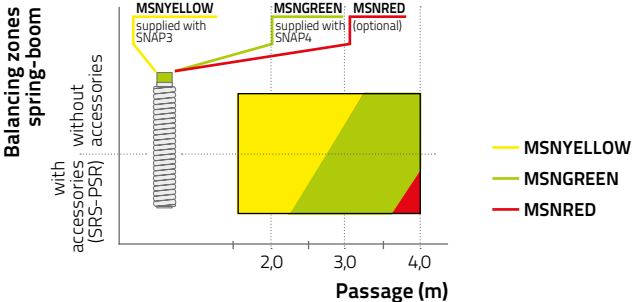
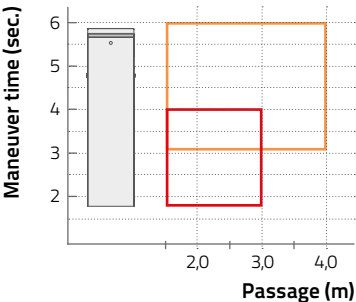
SNAP3/4

DIMENSIONS



Dimensions in mm

UTILISATION LIMITS

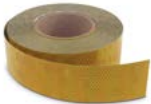


ACCESSORIES

SNAPPER3/4
Tubular aluminum boom painted white, Ø 7 cm, L 3,25/4,25 m. Complete with rubber profiles and end caps.



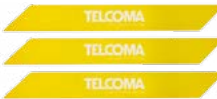
ADEK
Reflector sticker for SNAPPER. L 1 m.



PAF3 REGOLABILE
Adjustable fixed stand for bars.



STICKERS
12 reflector stickers.



PSR
Mobile stand for bars 950 mm.
PSRL
Mobile stand for bars 1200 mm.



LED SNAPPER 3/4
Led lights for SNAPPER 3/4.



SRS
Plastic rack L 200 cm.
Per SNAPPER 3/4.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.



SNR SNAP
Joint for SNAP3/4.



SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



FIX SNAP
Base plate with clamps.



SNAP6

ELECTROMECHANICAL BARRIER



Electromechanical barrier 24 Vdc, designed for fast and fluid movements with booms up to 6 m.
Latest generation control unit and complete range of accessories.
Safe and Precise thanks to the encoder and the slowing down in opening and closing.
Practical with the in-built control unit housed on top, the LED lights and various connections available for safety devices and battery back-up.
Designed to blend into modern architectures, Snap is made of a sturdy steel structure and stainless steel panels for **reliable** operations **and long lasting appearance**.

SNAP is compatible with SUN POWER Telcoma.

Available span of 6m.

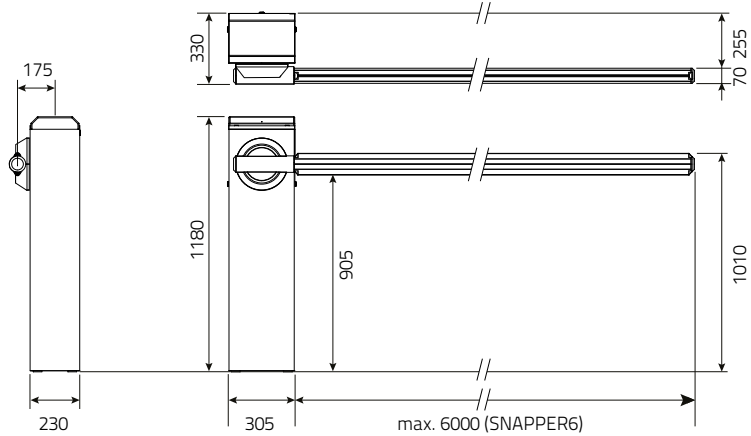


CARATTERISTICHE MOTORE	SNAP6
Motor power supply	24 V
Max. motor current	12 A
Motor power	350 W
Max. torque	750 Nm
Max. boom length	6250 mm
Max opening	100°
Opening time	6 sec
Work cycles	intensive
Encoder	YES
Limit switches	YES
Grease lubricant	TS10
TECHNICAL SPECIFICATIONS	
Model	SN24/6
Power supply	230 V
Max. current	1,5 A
Electronic slow down	YES
Compatible with Sun Power	YES
GENERAL DATA	
Working temperature	-20 +55°C
Protection level	IP 54
Weight	50 Kg
Pallet	6 pcs



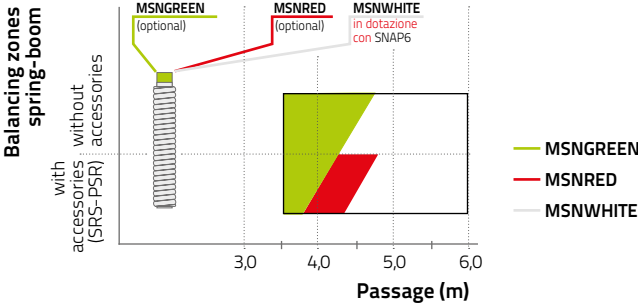
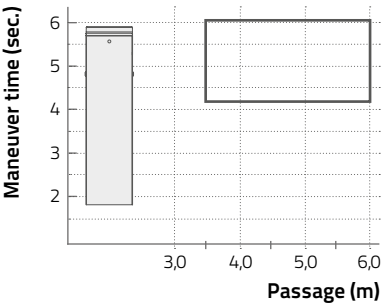
SNAP6

DIMENSIONS



Dimensions in mm

UTILISATION LIMITS

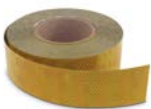


ACCESSORIES

SNAPPER6
Tubular aluminum boom painted white,
L 6.25 m Ø 70 mm.
Complete with rubber profiles and end caps.



ADEK
Reflector sticker for SNAPPER. L 1 m.



PAF3 REGOLABILE
Adjustable fixed stand for bars.



STICKERS
12 reflector stickers.



PSR
Mobile stand for bars 950 mm.
PSRL
Mobile stand for bars 1200 mm.



LED SNAPPER6
Led lights for SNAPPER6.



SRS
Plastic rack L 200 cm.



CB24
24 V battery charger. Suitable for 24 V control units.
SPB24
External box with 2 batteries 12V 7Ah.



FIX SNAP
Base plate with clamps.



SUN POWER
Solar power kit with solar panel and battery.
Suitable for all 24 V control units.



RAP4

ELECTROMECHANICAL BARRIERS



This barrier has a perfect movement and can operate also in absence of power supply thanks to the possibility of inserting 2 back up batteries, which could be placed in the dedicated housing.

A 24Vdc motor coupled with an encoder ensures perfect controlled boom movement.

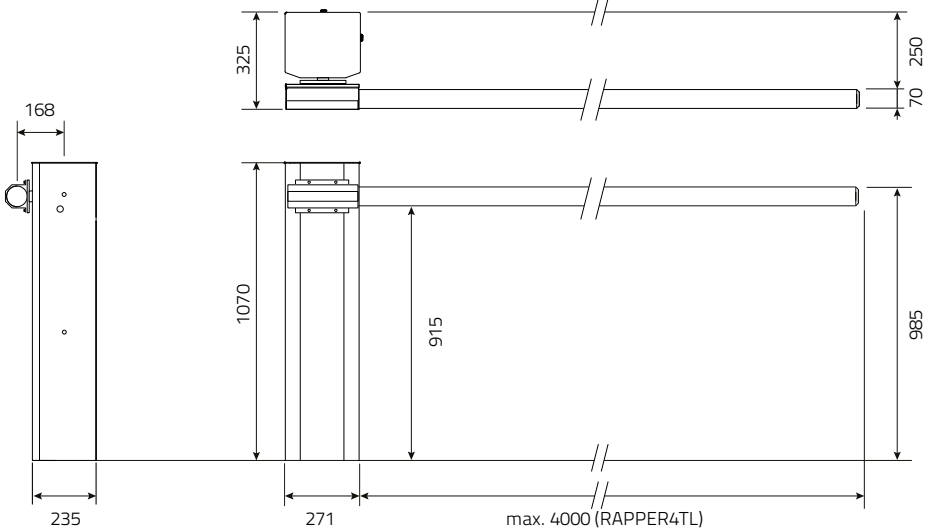
RAP 4
Electromechanical barrier 24 V, with cataphoretic treatment and painting. C/w control unit and encoder.
Max boom length 4,25 m. Net span 4 m.



TECHNICAL SPECIFICATIONS		RAP4
Motor power supply		24 V
Max. motor current		5 A
Motor power		120 W
Max. torque		260 Nm
Max. boom length		4250 mm
Max opening		90°
Opening time		5,5 sec
Work cycles		50%
Encoder		YES
Limit switches		NO
Grease lubricant		TS10
TECHNICAL SPECIFICATIONS BUILT IN CONTROL UNIT		
Model		T124R4
Power supply		230 V
Max. current		1,5 A
Electronic slow down		YES
Compatible with Sun Power		YES
GENERAL DATA		
Working temperature		-20 +55°C
Protection level		IP 54
Weight		48 Kg
Pallet		9 pcs

RAP4

DIMENSIONS



Dimensions in mm

ACCESSORIES

PSR
Mobile stand for bars 950 mm.
PSRL
Mobile stand for bars 1200 mm.



RAPPER4TL
Asta rigida tubolare in alluminio, verniciata bianca, Ø 7 cm, L 4,25 m, luce netta 4 m.



SRS
Rastrelliera in plastica L 200 cm.



PAF3 REGOLABILE
Adjustable fixed stand for bars.



FIX RAP4
Base plate with clamps.



LACO 24AL
Flashing light 24 V (only lamp) with built in 433 MHz antenna.



SPB24
External box with 2 batteries 12V 7Ah.



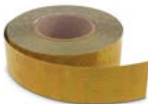
CB24
24 V battery charger. Suitable for 24 V control units.



SUN POWER
Solar power kit with solar panel and battery. Suitable for all 24 V control units.



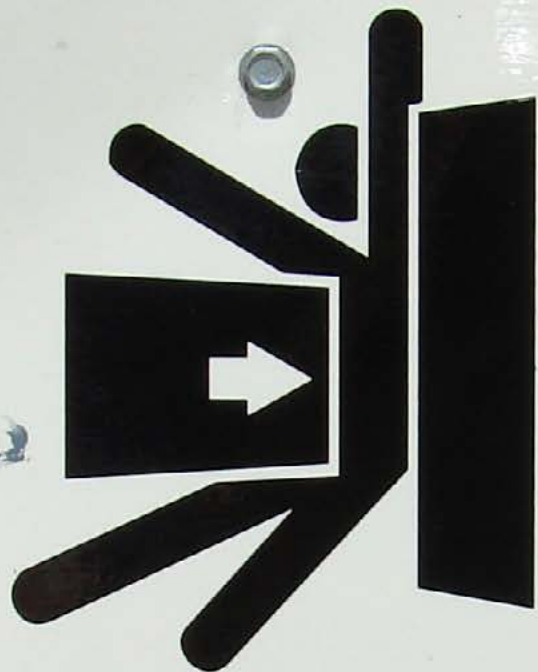
ADEK
Reflector sticker for SNAPPER. L 1 m.



STICKERS
12 reflector stickers.



! WARNING



Moving Gate Can Cause Serious Injury or Death

KEEP CLEAR! Gate may move at any time
without prior warning.

Do not let children operate the gate or play
in the gate area.

This entrance is for vehicles only.

Pedestrians must use separate entrance.

CONTROL UNITS

Control units for **1 motor**.

compatible with SUN POWER

control unit for 24 Vdc motor, with torque adjustment, slowing down and encoder.

T124
see pages 86-87

control unit for 230 Vdc motor, with torque adjustment, slowing down and encoder.

T101
see pages 86-87

control unit for 230 V single-phase or 400 V tri-phase motors, up to 2000 VA. Without torque adjustment.

T400
see pages 84-85



T124 T101

T400

Control units for **1-2 motori**.

compatible with SUN POWER

control unit for 24 Vdc motors, with torque adjustment, slowing down and encoder. WiFi.

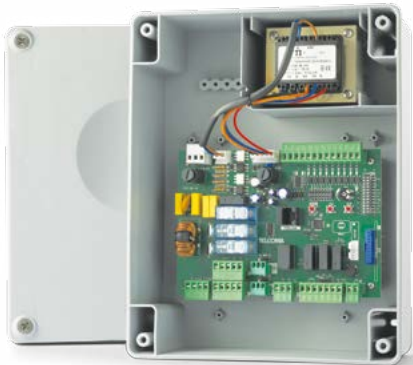
T624
see pages 88-89

control unit for 230 Vdc motors, with torque adjustment, slowing down and encoder. WiFi.

T600
see pages 88-89



T624



T600

Control units **for roller shutters and awnings**.

built in receiver with open/stop/close function

T10
see pages 90-91

OC2 plug-in receiver. Photocell and resistive edge inputs

T21
see pages 92-93

OC2 plug-in receiver, photocell, limit switches and resistive edge inputs and courtesy light output

T31
see pages 92-93

control unit for motor in "dead man function"

T1
see pages 92-93



T10



T21



T31



T1



PRG LINK

WIFI PROGRAMMING UNIT FOR CENTRAL UNITS



With a finely adjusted PRG-LINK, Telcoma guarantees great usability and better system control, with diagnostic functions and highly sophisticated yet fast, clear and user-friendly programming and control. With PRG-LINK operators can quickly and easily access the countless customisations of the electronic control unit, completely changing their daily approach to managing Telcoma automations. Everything is remote controlled through a personal device with such a simple procedure that it is like a simple web consultation.



With PRG-LINK operators can quickly and easily access the countless customisations of the electronic control unit.



Remote control via a personal device, just as easy as surfing the web.



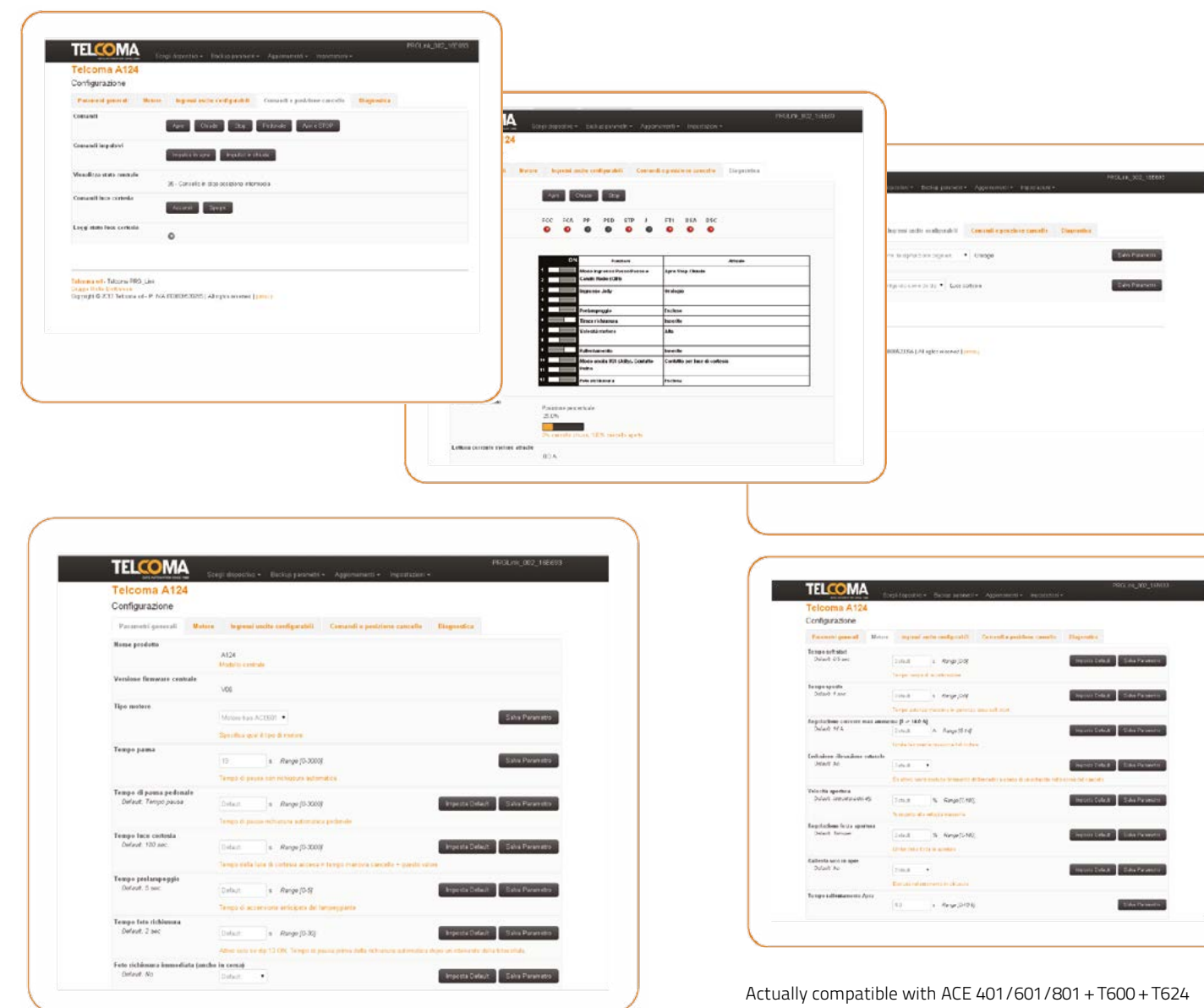
The sophisticated diagnostic, programming and management functions are now faster, clearer and more intuitive than ever.



Software updating means the electronic control unit is always up to date with the latest improvements and maximum functionality.

TELCOMA
GATE AUTOMATION SINCE 1980

PRG LINK



Actually compatible with ACE 401/601/801 + T600 + T624

SUN POWER

SOLAR POWER SUPPLY KIT



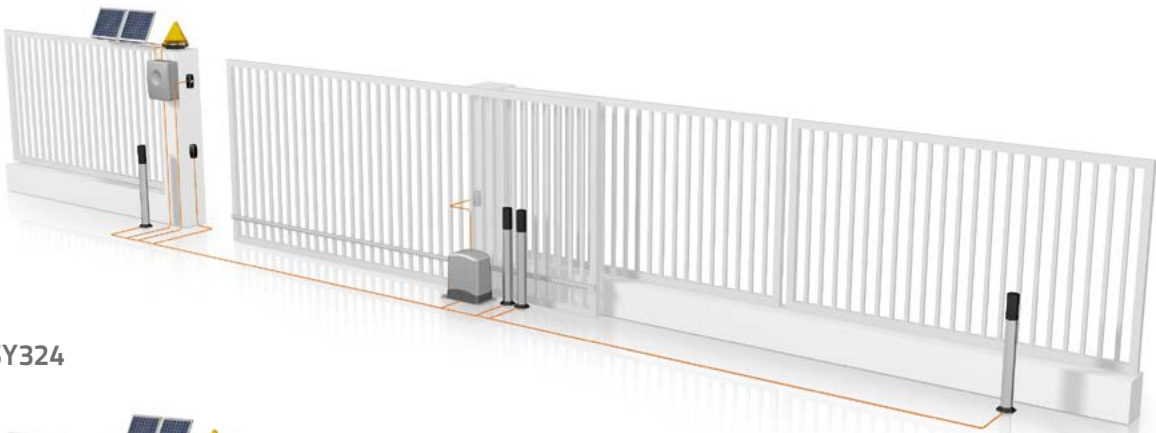
This product uses the solar energy to supply automations for gates, garage doors, barriers etc. situated faraway from the electric line, without making any excavation works.
SUN POWER is compatible with all Telcoma control units for 24 Vdc motors, making them independent, reducing the electricity costs and respecting the environment.

CHARACTERISTICS	SUN POWER
Power supply	24 Vdc
Output voltage	24 Vdc
Output max power	10 A
Stand by consumption	1 mA
Battery capacity	7 (x2) Ah
Panel power	5 (x2) W
Panel dimensions	290x240x35 (x2)
Working temperature	-20 +55°C
Predisposition for OC2 receiver	



SUN POWER

ACE



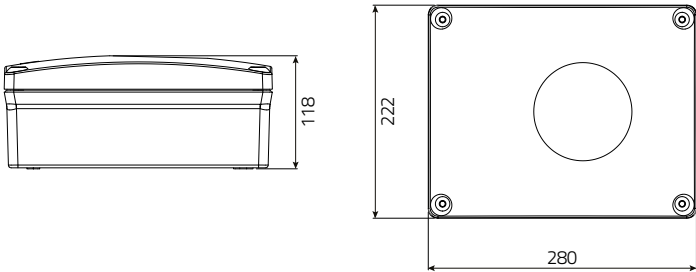
ASY324



TEN



DIMENSIONS



ACCESSORIES

SPW10
Additional solar panel.



T400

ELECTRONIC CONTROL UNIT

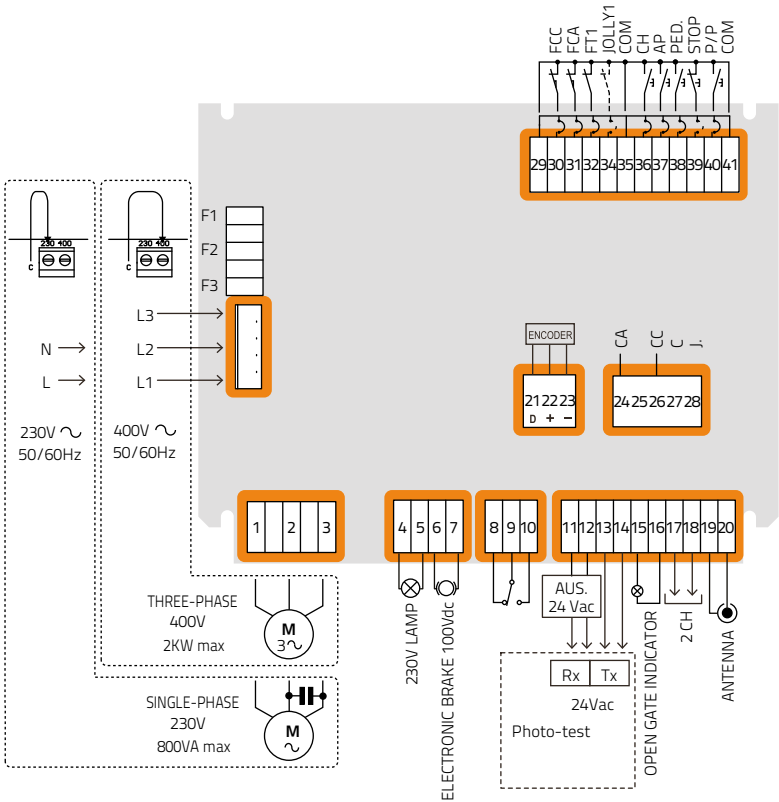


Control unit for one motor 3phase 400 V or single phase 230 V. **Ideal for EVO2000T.**

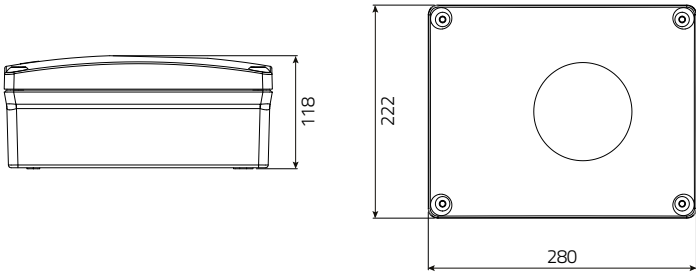
Operates with or without encoder.
Complete with self learning function, two separate connections for latest generation sensitive edges (EN 12978). Connector for safety limit switches.

CHARACTERISTICS	T400
Power supply	230/400 Vac
Motor power supply	230/400 Vac
Motor output	n. 1
Max. motor power	2000 VA
Protection level	IP 56
Connector for OC2/SR receiver	YES
Electronic torque adjustment	NO
Encoder	YES
Self-learning times	YES
Step-by-step push button	YES
Open push button	YES
Close push button	YES
Stop push button	YES
Limit switch	YES
Photocell	YES
Automatic closure	YES
Slowing down	NO
Electronic brake	YES
Working temperature	-20 +55°C

T400



DIMENSIONS



ACCESSORIES

LACO 220A
Flashing light 230 V, with built in 433 MHz antenna.



SERIE OC2
2 channels plug in receiver.



TAST 3F
Flat adhesive push-button panel complete with plug in connector. Easy to apply to the Telcoma controller box. For internal use only.



T101-T124

ELECTRONIC CONTROL UNIT



Control unit **for 1 motor** 24 V/230 V.

T101

Control unit for 1 motor **230 Vac**, with torque adjustment, slowing down and encoder.

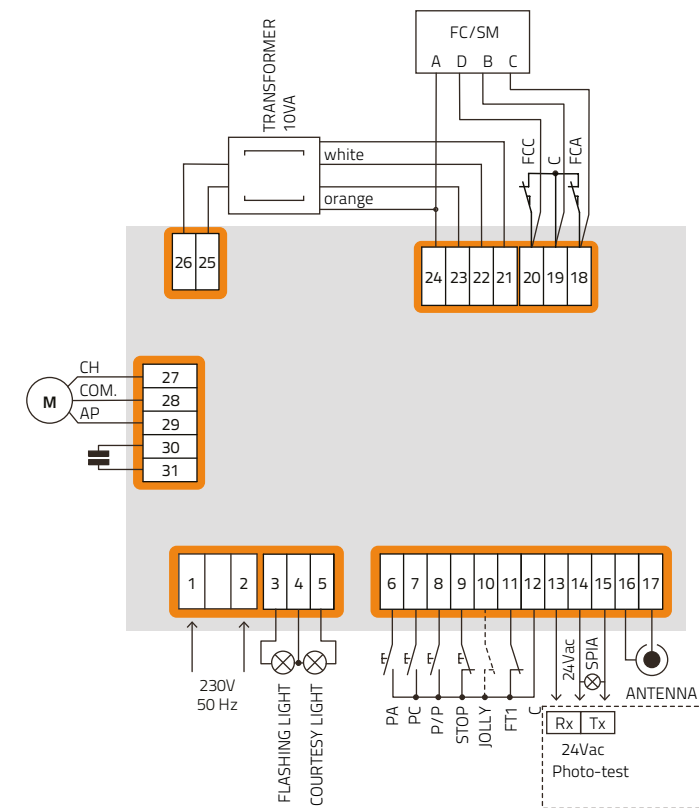
T124

Control unit for 1 motor **24 Vdc**, with torque adjustment, slowing down and encoder.

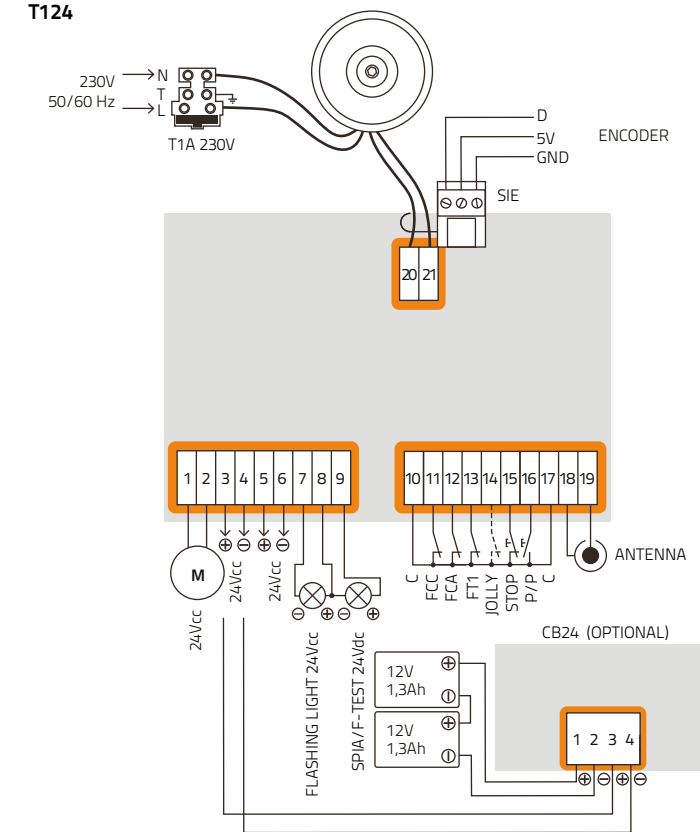
CHARACTERISTICS	T101	T124
Power supply	230 Vac	230 Vac
Motor power supply	230 Vac	24 Vdc
Motor output	n. 1	n. 1
Max. motor power	1100 VA	120 VA
Protection level	IP 56	IP 56
Connector for OC2 receiver	YES	YES
Electronic torque adjustment	YES	YES
Encoder	YES	YES
Self-learning times	YES	YES
Step-by-step push button	YES	YES
Open push button	YES	NO
Close push button	YES	NO
Stop push button	YES	YES
Limit switch	YES	YES
Photocell	YES	YES
Automatic closure	YES	YES
Slowing down	YES	YES
Electronic brake	YES	YES
Working temperature	-20 +55 °C	-20 +55 °C

T101-T124

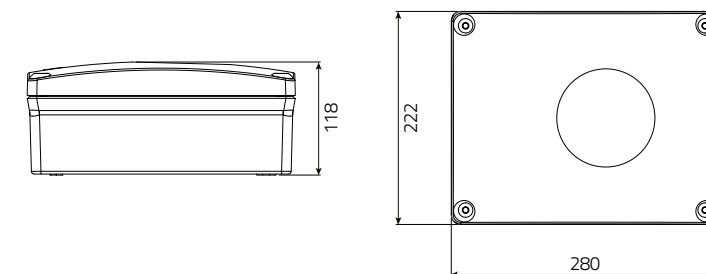
T101



T124



DIMENSIONS



ACCESSORIES

MES

Electric lock module. For T101.



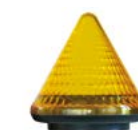
SERIE OC2

2 channels plug in receiver.



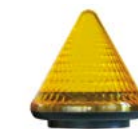
LACO 220A

Flashing light 230 V, with built in 433 MHz antenna. For T101.



LACO 24AL

Flashing light 24 V (only lamp) with built in 433 MHz antenna.



SUPBAT

Pair of brackets to fix 2 BAT12V2a to the cover of control units box.

BAT12V2A

Battery 12V 2Ah.

CB24

24 V battery charger. Suitable for 24 V control units.



SUN POWER

Solar power kit with solar panel and battery. Suitable for all 24 V control units.



ELECTRONIC CONTROL UNIT



Control unit **for 2 motors** 24 V/230 V.

T600

T600 central unit for 1/2 motors **230 V** complete with torque adjustment, slowing down and encoder safety exclusion trough dedicated dip-switch:

- new external 32VA transformer;
- third programming button;
- blinker on flashing light output;
- second channel OC2 output (US1 contact);
- terminal blocks for motor capacitors connection;
- connector for TAST3F keyboard;
- BSA and BSC inputs, for 8K2 safety edges;;
- compatible with PRG LINK.

T624

T624 central unit for 172 motors **230 V** complete with torque adjustment, slowing down and encoder safety exclusion through. Dedicated dip-switch, input for safety edges in opening and closing.

- Second channel OC2 output (US1 contact);
- connector for TAST3F keyboard;
- input BSA and BSC for safety edges 8K2;
- compatible with PRG LINK.



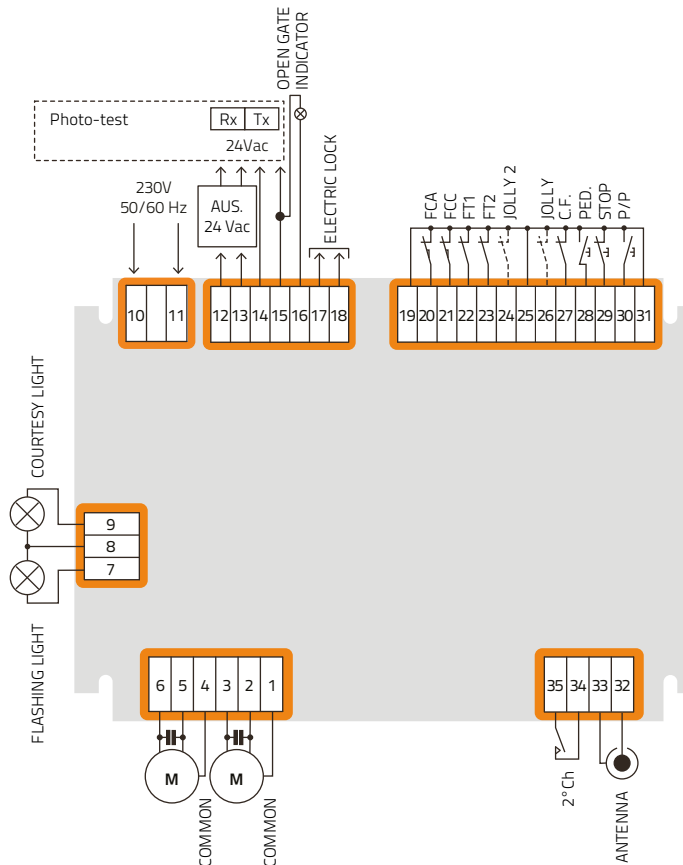
CHARACTERISTICS	T600	T624
Power supply	230 Vac	230 Vac
Motor power supply	230 Vac	24 Vdc
Motor output	n. 2	n. 2
Max. motor power	2x800 (1x1100) VA	2x180 VA
Protection level	IP 56	IP 56
Connector for CS2/SR receiver	YES	YES
Electronic torque adjustment	YES	YES
Encoder	YES	YES
Self-learning times	YES	YES
Step-by-step push button	YES	YES
Open push button	YES*	YES*
Close push button	YES*	YES*
Stop push button	YES	YES
Limit switch	YES	YES
Photocell	YES	YES
Automatic closure	YES	YES
Slowing down	YES	YES
Electronic brake	NO	YES
US1	YES	YES
Working temperature	-20 +55° C	-20 +55° C

* Jolly input

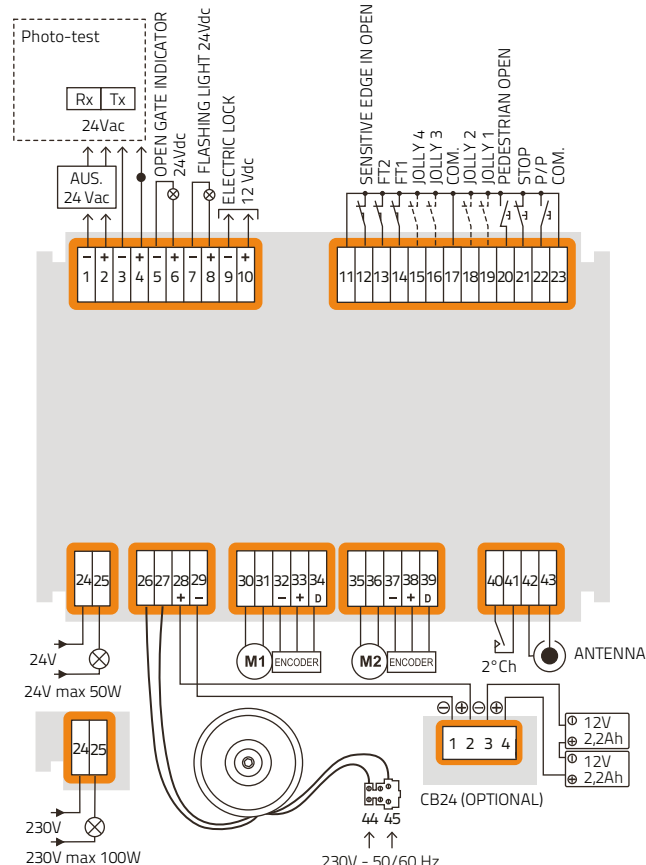


T600-T624

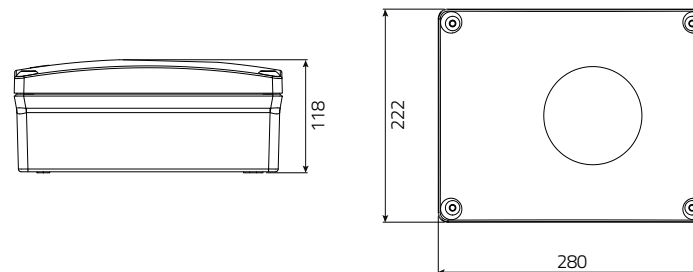
T600



T624



DIMENSIONS



ACCESSORIES

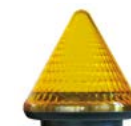
SERIE OC2

2 channels plug in receiver.



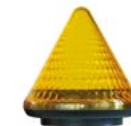
LACO 220A

Flashing light 230 V, with built in 433 MHz antenna.
For T201.



LACO 24AL

Flashing light 24 V (only lamp) with built in 433 MHz antenna. For T224.



SUPBAT

Pair of brackets to fix 2 BAT12V2A to the cover of control units box.

BAT12V2A

Battery 12V 2Ah.

CB24

24 V battery charger. Suitable for 24 V control units.



SUN POWER

Solar power kit with solar panel and battery.
Suitable for all 24 V control units.



T10

ELECTRONIC CONTROL UNIT

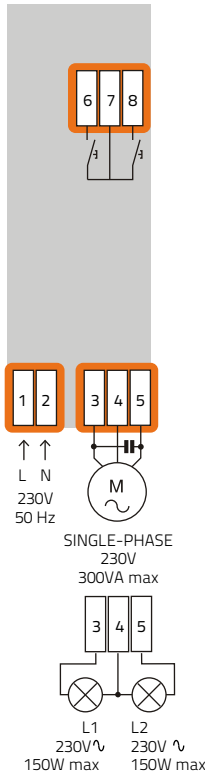


Control unit **for roller shutters**, with built in receiver. Ideal for tubular or shutter motors. It can also control **lighting systems** with 2 lamps at 230V. Inputs for via wire controls. Built-in receiver compatible with EDGE, NOIRE and FM400 series.

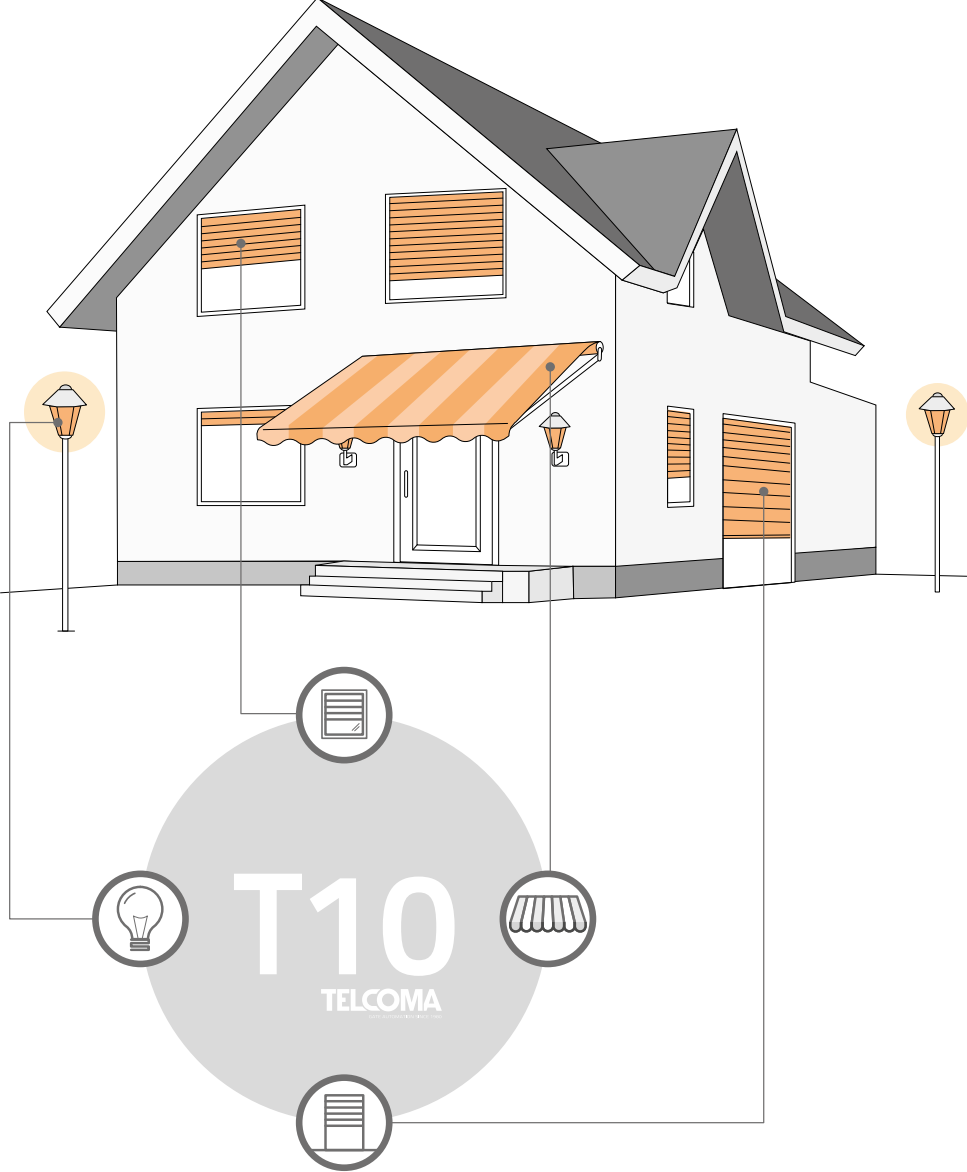
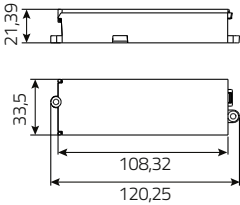
- T10 EDGE**
Control unit with built in receiver EDGE series.
- T10 NOIRE**
Control unit with built in receiver NOIRE series.
- T10 FM400**
Control unit with built in receiver FM400 series.

CHARACTERISTICS	T10
Power supply	230 Vac
Motor power supply	230 V
Motor output	n. 1
Max. motor power	500 VA
Built in radio	EDGE, NOIRE, FM400
Open push button	YES
Close push button	YES
Working temperature	-20 +65°C

T10



DIMENSIONS



COMPATIBLE WITH SERIES EDGE, NOIRE AND FM



T21-T31-T1

ELECTRONIC CONTROL UNIT



Control unit for 1 roller shutter **motor in 230 V**.
Plug in receiver (optional).

T21

Control unit for roller shutters. Ideal for tubular or shutters motor with built in limit switches.

T31

Control unit like T21, but with limit switch inputs, motor force adjustment and courtesy light output.

T1

Control unit for motor in “dead man function”.

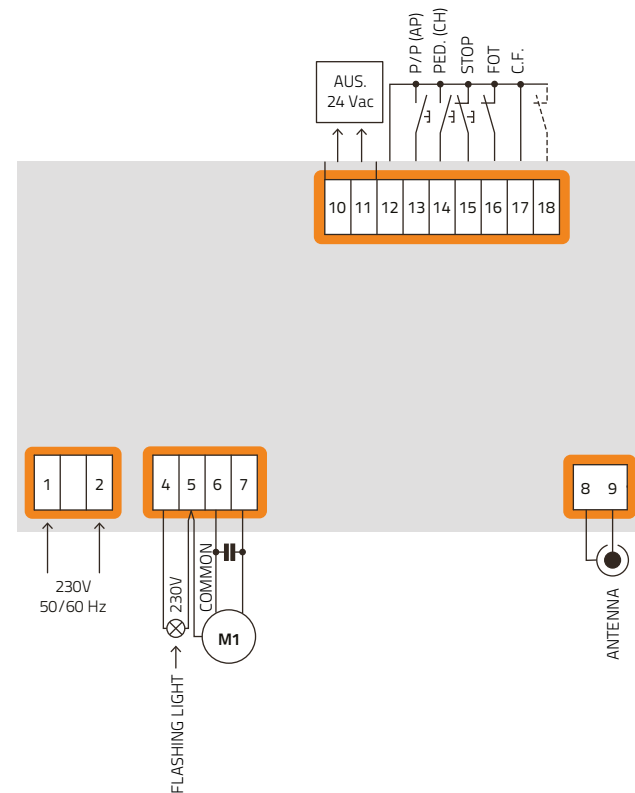
CHARACTERISTICS	T21	T31	T1
Power supply	230V	230V	230V
Motor power supply	230V	230V	230V
Motor output	1	1	1
Max. motor power	1000W	1000W	1000W
Protection level	IP 44	IP 44	IP 56
Connector for OC2 receiver	YES	YES	NO
Electronic torque adjustment	NO	YES	NO
Self-learning times	YES	YES	NO
Step-by-step push button	YES	YES	NO
Open push button	YES*	YES*	YES (U.P.)
Close push button	YES*	YES*	YES (U.P.)
Stop push button	YES	YES	NO
Limit switch	NO	YES	NO
Photocell	YES	YES	NO
Automatic closure	YES	YES	NO
Working temperature	-20 +55 °C	-20 +55 °C	-20 +55 °C

*Can be selected through dip-switch functions

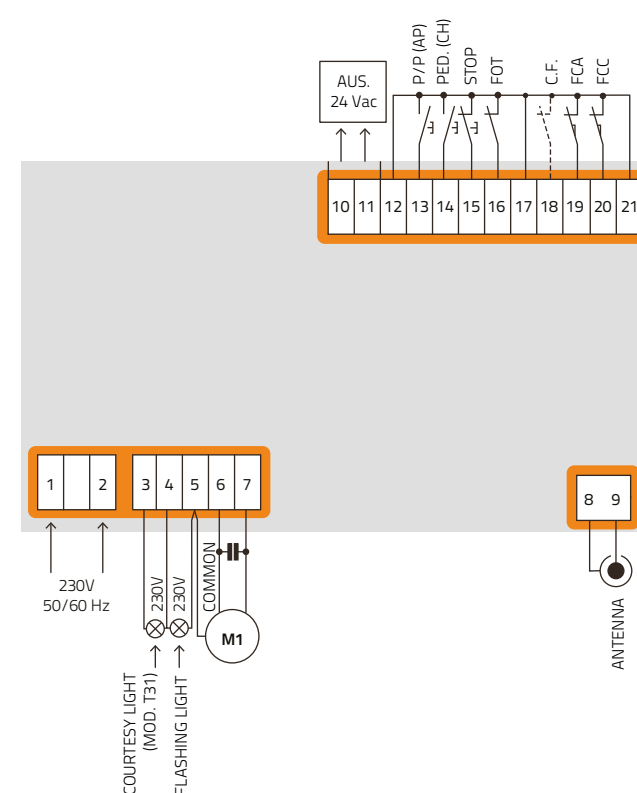


T21-T31-T1

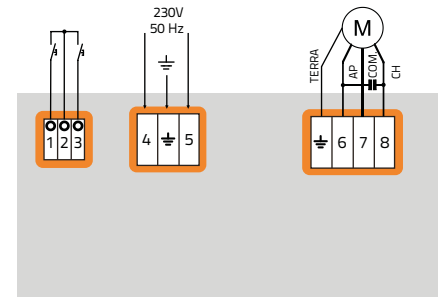
T21



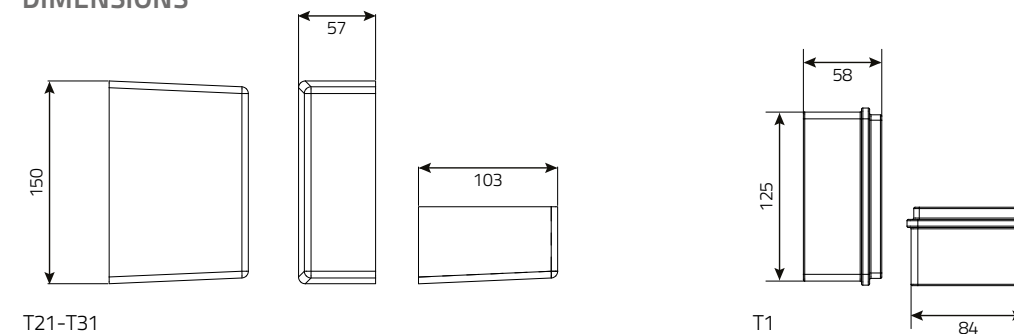
T31



T1



DIMENSIONS



ACCESSORIES

LACO 220A
Flashing light 230 V, with built in 433 MHz antenna.

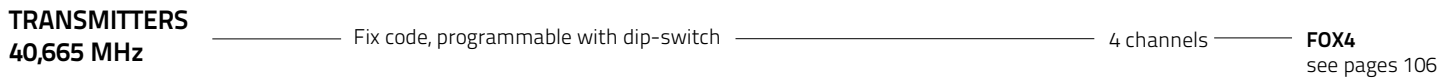
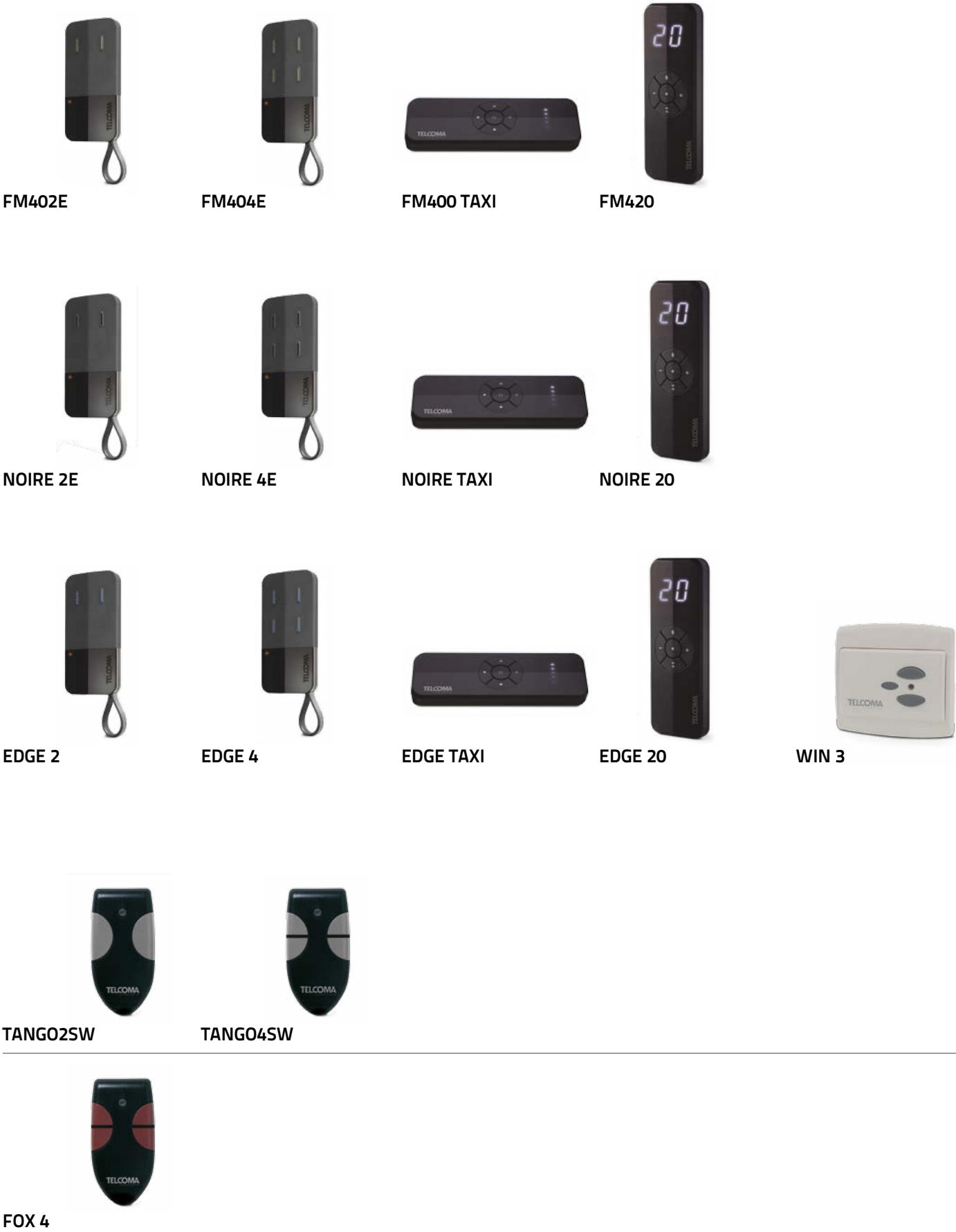
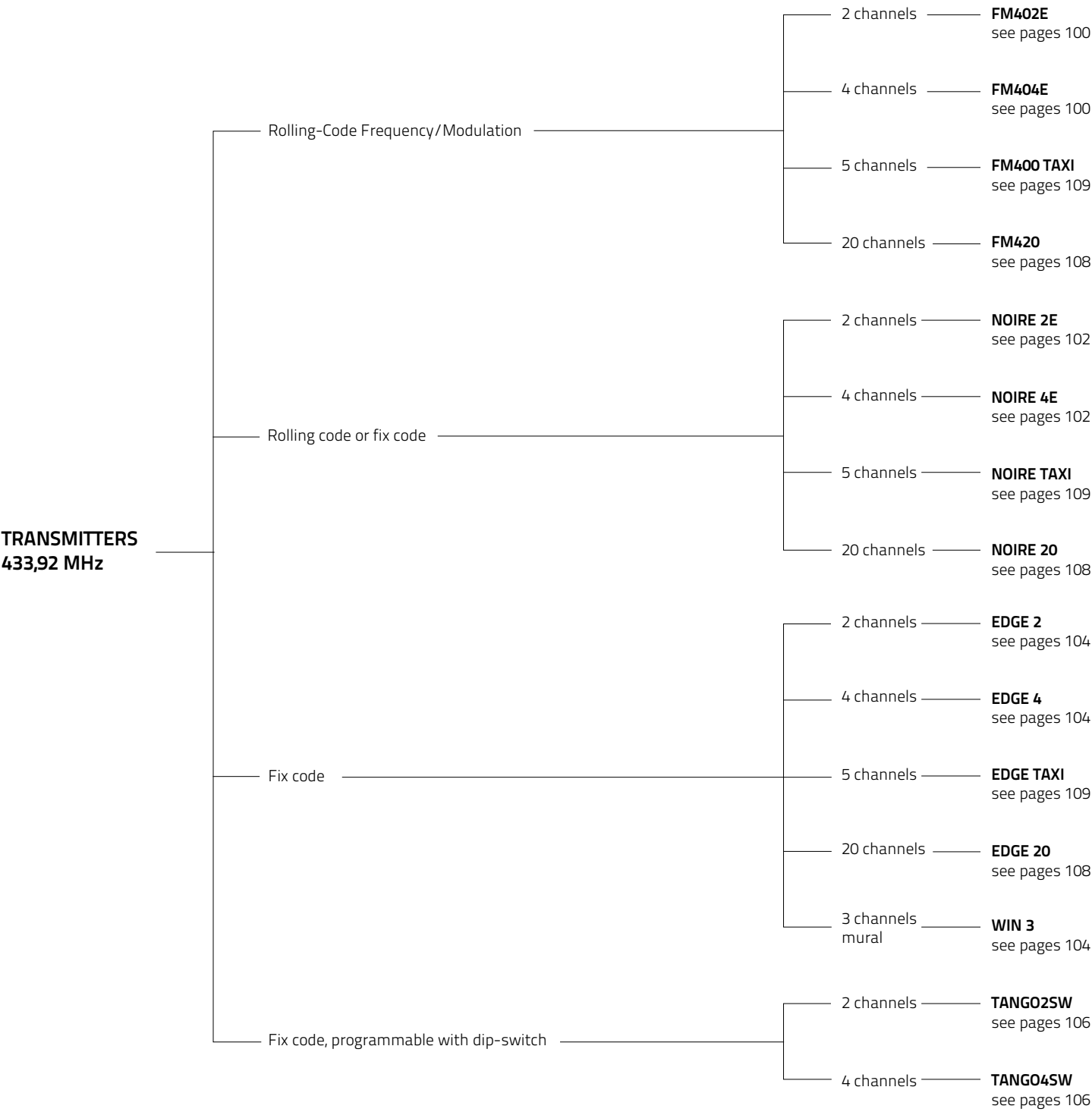


SERIE OC2
2 channels plug in receiver.





REMOTE CONTROLS



FM RECEIVERS	Plug-in for Telcoma control units	2 channels	FM400 OC2 see pages 101
	Power supply 12/24 Vac/dc contact 0,5 A (30 V)	2 channels	FM400 RB2 see pages 101
	Power supply 12/24 Vac/dc contact 4 A (30 V)	4 channels	FM400 R4 see pages 101
	Power supply 230 V contact 5 A (230 V)	4 channels	FM400 230R4 see pages 101

NOIRE RECEIVERS	Plug-in for Telcoma control units	2 channels	NOIRE OC2 see pages 103
	Power supply 12/24 Vac/dc contact 0,5 A (30 V)	2 channels	NOIRE RB2 see pages 103
	Power supply 12/24 Vac/dc contact 4 A (30 V)	4 channels	NOIRE R4 see pages 103
	Power supply 230 V contact 5 A (230 V)	4 channels	NOIRE 230R4 see pages 103

EDGE RECEIVERS	Plug-in for Telcoma control units	2 channels	EDGE OC2 see pages 105
	Power supply 12/24 Vac/dc contact 0,5 A (30 V)	2 channels	EDGE RB2 see pages 105
	Power supply 12/24 Vac/dc contact 4 A (30 V)	4 channels	EDGE R4 see pages 105
	Power supply 230 V contact 5 A (230 V)	4 channels	EDGE 230R4 see pages 105

TANGO SW RECEIVERS	Plug-in for Telcoma control units	2 channels	TANGO OC2 SW see pages 107
	Power supply 12/24 Vac/dc contact 0,5 A (30 V)	2 channels	TANGO RB2 SW see pages 107

FOX RECEIVER	Power supply 12/24 Vac/dc contact 0,5 A (30 V)	2 channels	FOX RB2 see pages 107
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FM400 OC2



FM400 RB2



FM400 R4P



FM400 230R4



NOIRE OC2



NOIRE RB2



NOIRE R4P



NOIRE 230R4



EDGE OC2



EDGE RB2



EDGE R4P



EDGE 230R4



TANGO OC2 SW



TANGO RB2 SW



FOX RB2

FM400

REMOTE CONTROLS



The refined design, sober and essential assures the maximum ergonomic comfort.
FM range combines the security of the rolling code to an excellent immunity to radio interferences.
Special functions: self learning and the possibility to add codes remotely.

FM TRANSMITTERS

FM 402E e FM 404E
Portable transmitters 2/4 channels.

FM 420
FM 420 Multichannel transmitter to control up to 20 automations.

FM400 TAXI
FM TAXI 5 channels transmitter specially designed to be installed in the car. Automatically repeats the radio signal improving convenience and safety for the driver.



CHARACTERISTICS	FM 402E	FM 404E	FM 420	FM400 TAXI
Power supply/battery type	3 V / CR2032	3 V / CR2032	3 V/ CR2430	3 V/ CR2430
Absorbed current in transmitting	20 mA	20 mA	50 mA	50 mA
Transmitting frequency	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz
Radiated power	400 µW	400 µW	900 µW	900 µW
Number of combinations	2 ⁶⁶	2 ⁶⁶	2 ⁶⁶	2 ⁶⁶
Number of functions	2	4	21	5
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

SOFT FM400
Advanced software for archives management.



B3V2032
Lithium battery 3 V CR 2032.
Pack of 50 pcs.



MEM64
1012 codes memory.



PTE
Transmitter-holder.



FM400



FM RECEIVERS

FM 400 OC2
FM 400 OC2 2 channels plug in receiver for Telcoma control units.

FM 400 RB2
FM 400 RB2 compact size universal receiver 12/24 V ac/dc power supply. 2 channels.

FM 400 R4P
FM 400 R4P external universal receiver 4 channels. 12/24 V ac/dc power supply IP44 .

FM 400 230 R4
FM 400 230 R4 external universal receiver 4 channels. 230 V power supply. IP56.



FM 400 OC2



FM 400 RB2



FM 400 R4P



FM 400 230 R4

CHARACTERISTICS	FM 400 OC2	FM 400 RB2	FM 400 R4P	FM 400 230 R4
Power supply	5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V
Consumption in Stand-by	12 mA	40 mA	40 mA	12 mA
Relay contact max capacity	-	0,5 A	4 A	5 A
Relay contact max voltage	-	30 Vdc	30 Vdc	230 V
Number of outputs	2	2	4	4
Storage codes	500	500	500	500
Storage codes with MEM64	1012	1012	1012	1012
Protection level	-	-	IP 44	IP 56
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

PRG FM400
Programming unit for adding/erasing transmitter codes and managing families of codes.
Complete with power supply.



DAMA430
Antenna for 433 MHz receivers, complete with stainless steel bracket and connection cable (3 m).



NOIRE

REMOTE CONTROLS AND RECEIVERS

NOIRE remote control are flexible; they can work at with fix code 433.92 MHz or with Rolling Code, to grant maximum safety. All NOIRE transmitters can be personalized though a *family code*, by using programming unit PRG NOIRE. The refined design, sober and essential, assures the maximum ergonomic comfort. The remote control range is completed by code self-learning receivers and programmable outputs.

NOIRE TRANSMITTERS

NOIRE 2E e NOIRE 4E

NOIRE 2E and NOIRE 4E Portable transmitters 2/4 channels.

NOIRE 20

NOIRE 20 Multichannel transmitter to control up to 20 automations.

NOIRE TAXI

NOIRE TAXI 5 channels transmitter specially designed to be installed in the car. Automatically repeats the radio signal improving convenience and safety for the driver.



NOIRE 2E

NOIRE 4E

NOIRE 20



NOIRE TAXI

CHARACTERISTICS	NOIRE 2E	NOIRE 4E	NOIRE 20	NOIRE TAXI
Power supply/battery type	3 V / CR2032	3 V / CR2032	3 V/ CR2430	3 V / CR2430
Absorbed current in transmitting	8 mA	8 mA	50 mA	50 mA
Transmitting frequency	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz
Radiated power	150 µW	150 µW	900 µW	900 µW
Number of combinations	1048576	1048576	1048576	1048576
Number of functions	2	4	21	5
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

SOFT NOIRE

Advanced software for archives management.



B3V2032

Lithium battery 3V CR 2032.
Pack of 50 pcs.



PTE

Transmitter-holder.



MEM16

675 codes memory.



NOIRE

NOIRE RECEIVERS

NOIRE OC2

Noire OC2 plug in receiver for Telcoma control units.
2 channels.

NOIRE RB2

NOIRE RB2 compact size universal receiver 12/24 Vac/dc power supply. 2 channels.

NOIRE R4P

NOIRE R4P external universal receiver 4 channels.
12/24 V ac/dc power supply IP44 .

NOIRE 230 R4

NOIRE 230 R4 R4 external universal receiver 4 channels. 230 V power supply. IP56.



NOIRE OC2



NOIRE RB2



NOIRE R4P



NOIRE 230 R4

CHARACTERISTICS	NOIRE OC2	NOIRE RB2	NOIRE R4P	NOIRE 230 R4
Power supply	5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V
Consumption in Stand-by	12 mA	40 mA	40 mA	12 mA
Relay contact max capacity	-	0,5 A	4 A	5 A
Relay contact max voltage	-	30 Vdc	30 Vdc	230 V
Number of outputs	2	2	4	4
Storage codes	163CF/70RC	163	163	163
Storage codes with MEM16	675CF/289RC	675	675	675
Protection level	-	-	IP 44	IP 56
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

PRG NOIRE

Programming unit for adding/erasing transmitter codes and managing families of codes.
Complete with power supply.



DAMA430

Antenna for 433 MHz receivers, complete with stainless steel bracket and connection cable (3 m).



EDGE

REMOTE CONTROLS AND RECEIVERS

The refined design, sober and essential assures the maximum ergonomic comfort. Edge range combines the simplicity of the fixed code to an excellent transmission range. Special functions: self learning codes and possibility to copy codes directly between transmitters.

EDGE TRANSMITTERS

EDGE 2 e EDGE 4
EDGE 2E and NOIRE 4E Portable transmitters 2/4 channels.

EDGE 20
EDGE 20 Multichannel transmitter to control up to 20 automations.

EDGE TAXI
EDGE TAXI 5 channels transmitter specially designed to be installed in the car. Automatically repeats the radio signal improving convenience and safety for the driver.

WIN 3
WIN 3 wall-mounted transmitter compatible with EDGE series. Combined with T10 receiver permits to add one control point for motorized shutters, awnings or lights. Ideal to avoid all the masonry work usually necessary to add a wired switch.



CHARACTERISTICS	EDGE2	EDGE4	EDGE 20	EDGE TAXI	WIN3
Power supply/battery type	3 V / CR2032	3 V / CR2032	3 V / CR2430	3 V / CR2430	3 V / CR2430
Absorbed current in transmitting	8 mA	8 mA	50 mA	50 mA	15 mA
Transmitting frequency	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz
Radiated power	150 µW	150 µW	900 µW	900 µW	700 µW
Number of combinations	1048576	1048576	1048576	1048576	1048576
Number of functions	2	4	21	5	3
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

B3V2430
Lithium battery 3 V CR 2430.
Pack of 10 pcs.



B3V2032
Lithium battery 3 V CR 2032.
Pack of 50 pcs.



MEM16
675 codes memory.



PTE
Transmitter-holder.



EDGE

EDGE RECEIVERS

EDGE OC2
DGE OC2 plug in receiver for Telcoma control units.
2 channels.

EDGE RB2
EDGE RB2 compact size universal receiver 12/24 V
ac/dc power supply. 2 channels.

EDGE R4P
EDGE R4P external universal receiver 4 channels.
12/24 V ac/dc power supply IP44.

EDGE 230 R4
EDGE 230 R4 external universal receiver 4 channels.
230V power supply. IP56.



CHARACTERISTICS	EDGE OC2	EDGE RB2	EDGE R4P	EDGE 230 R4
Power supply	5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V
Consumption in Stand-by	12 mA	40 mA	40 mA	12 mA
Relay contact max capacity	-	0,5 A	4 A	5 A
Relay contact max voltage	-	30 Vdc	30 Vdc	230 Vac
Number of outputs	2	2	4	4
Storage codes	163	163	163	163
Storage codes with MEM16	675	675	675	675
Protection level	-	-	IP 44	IP 56
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C

ACCESSORIES

DAMA430
Antenna for 433 MHz receivers, complete with
stainless steel bracket and connection cable (3 m).



TANGO SW - FOX

REMOTE CONTROLS AND RECEIVERS



Telcoma radio controls, models of high-technology electronic, have been designed to supply the user with an excellent functionality and very high-quality electronic grants the perfect efficiency. Il raffinato design sobrio ed essenziale assicura il massimo comfort ergonomico.

TANGO TRANSMITTERS

TANGO 2SW
Portable transmitters 2/4 channels.

TANGO 4SW
Portable transmitters 2/4 channels.



TANGO 2SW



TANGO 4SW



FOX 4

CHARACTERISTICS	TANGO 2SW	TANGO 4SW
Power supply/battery type	12V / GP23A	12V / GP23A
Absorbed current in transmitting	10 mA	10 mA
Transmitting frequency	433,92 MHz	433,92 MHz
Radiated power	1000 µW	1000 µW
Number of combinations	1024	1024
Number of functions	2	4
Working temperature	-20 +55°C	-20 +55°C

ACCESSORIES

B12
Battery 12V GP23A, package of 50 pcs.



MEM16
1012 codes memory.



TANGO SW - FOX

TANGO RECEIVERS

TANGO RB2 SW
2 channels external receiver (IP30).

TANGO OC2 SW
2 channels plug in receiver.



TANGO OC2 SW



TANGO RB2 SW

CHARACTERISTICS	TANGO OC2 SW	TANGO RB2 SW	FOX RB2
Power supply	5 Vdc	12/24 Vac/dc	12/24 Vac/dc
Consumption in Stand-by	12 mA	40 mA	50 mA
Relay contact max capacity	-	0,5 A	0,5 A
Relay contact max voltage	-	30 Vdc	30 Vdc
Number of outputs	2	2	2
Code storage	244	244	244
Code storage with MEM16	1012	1012	1012
Working temperature	-20 +55°C	-20 +55°C	-20 + 55°C

ACCESSORIES

DIVA40
Antenna for 433 MHz receivers, complete with stainless steel bracket and connection cable (3 m). For Fox RB2.



DAMA430
Antenna for 433 MHz receivers, complete with stainless steel bracket and connection cable (3 m).



MULTICANALE

REMOTE CONTROLS



Multicanale transmitter ideal to control numerous automations.

Compatible with Edge, Noire and FM receivers, Multicanale is ideal to manage domotic functions in residential and commercial buildings. Special function: associates a number of channels to a single button on the transmitter.



FM 420
NOIRE 20
EDGE 20

CHARACTERISTICS	FM 420	NOIRE 20	EDGE 20
Power supply/battery type	3 V / CR2430	3 V / CR2430	3 V / CR2430
Absorbed current in transmitting	50 mA	50 mA	50 mA
Transmitting frequency	433,92 MHz	433,92 MHz	433,92 MHz
Radiated power	900 µW	900 µW	900 µW
Number of combinations	2 ⁶⁶	1048576	1048576
Number of functions	21	21	21
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C



TAXI

REMOTE CONTROLS



High performance transmitter thanks to its special function: repeats the signal at regular intervals.

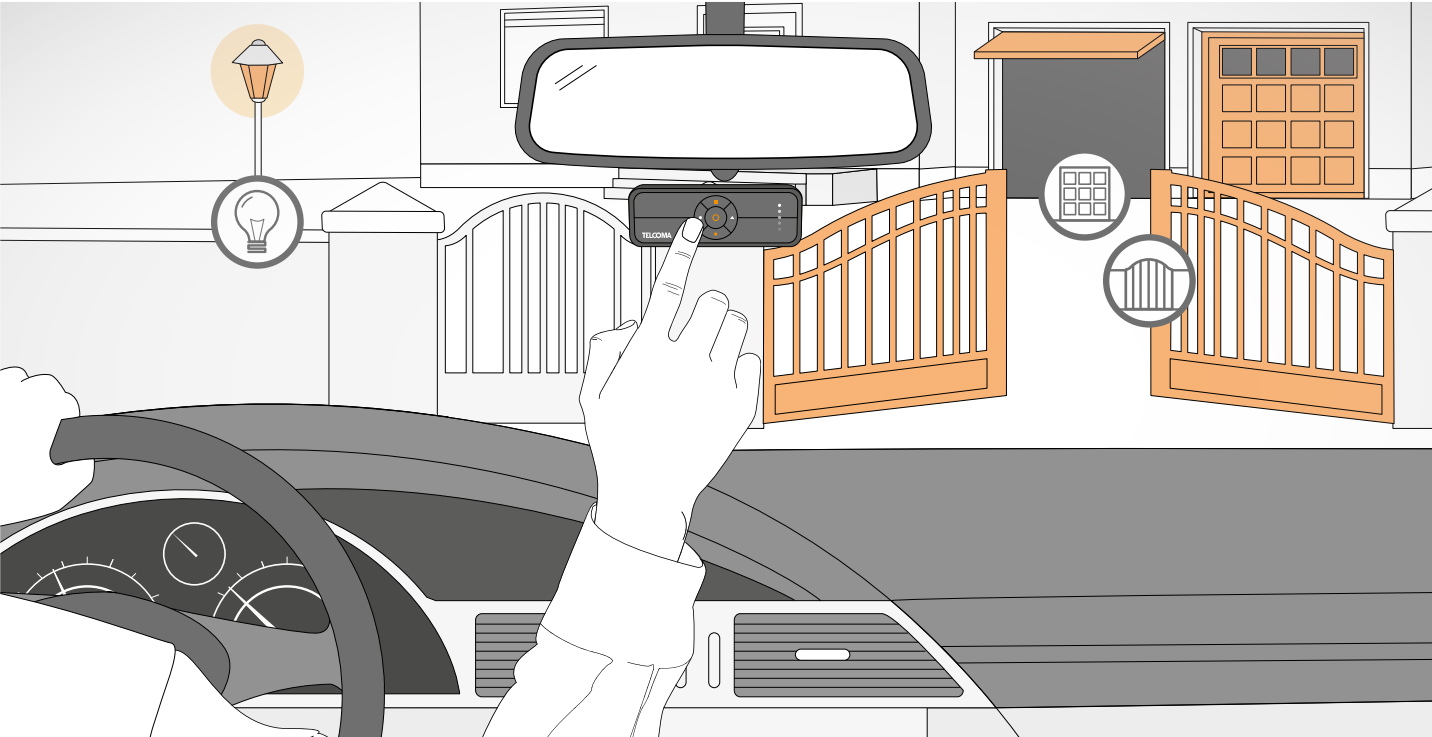
Compatible with Edge, Noire and FM receivers, Taxi is perfect to be installed in the car. Thanks to the practical fastening system it is always easily reachable by the driver.

The signal repetition function is adjustable from 10 to 40 seconds. The driver can press the button in advance and be certain that the gate will start opening as he approaches. Ideal for those gates that open onto busy streets. No more waiting on the street while the gate opens.



FM TAXI
NOIRE TAXI
EDGE TAXI

CHARACTERISTICS	FM400 TAXI	NOIRE TAXI	EDGE TAXI
Power supply/battery type	3 V / CR2430	3 V / CR2430	3 V / CR2430
Absorbed current in transmitting	50 mA	50 mA	50 mA
Transmitting frequency	433,92 MHz	433,92 MHz	433,92 MHz
Radiated power	900 µW	900 µW	900 µW
Number of combinations	2 ⁶⁶	1048576	1048576
Number of functions	5	5	5
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C





ACCESSORIES

FLASHING LIGHT

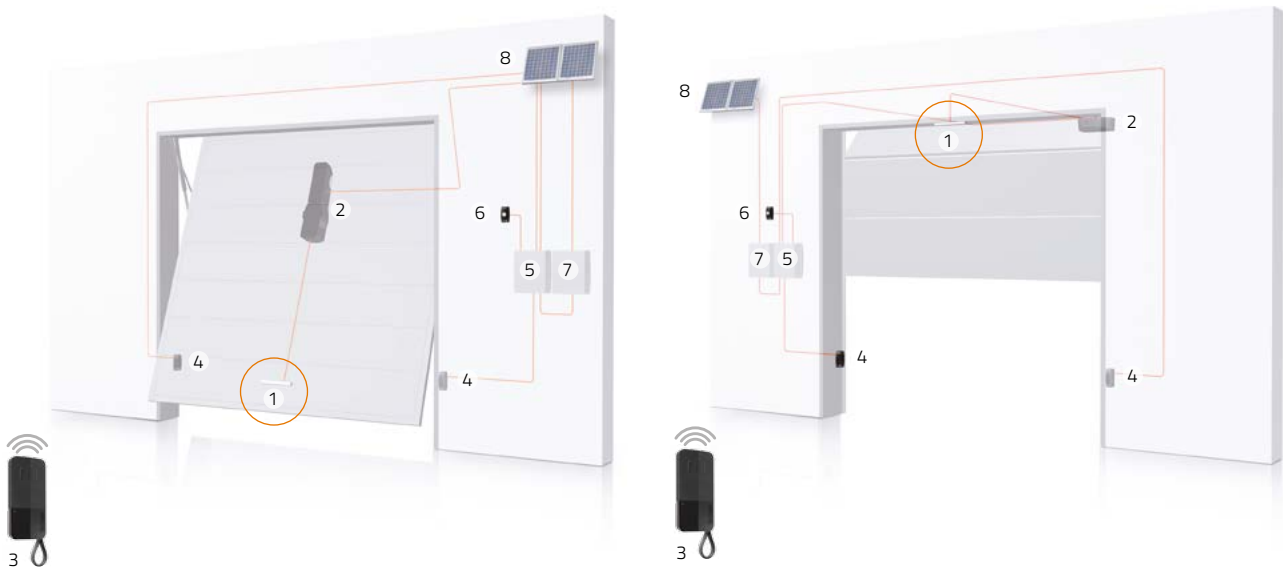


WALL + LITE

LED light
Ideal to be installed directly on Overhead doors and Sectional doors reducing both installation time and mansory works.
Resistant to shocks and vibrations and energy efficient.
Supplied with 3,5 m cable and fixing accessories. Suitable for all control units: 24/230V with or without dedicated flashing light connection.



INSTALLATION DIAGRAM



ACCESSORIES

BLINKER
Flashing card for wall. 24 Vac/dc power supply and output 24 Vdc (max. 300 mA). 2 types of flash are selectable.

AL2VA
Transformer 230 V input and 24 Vdc (max. 80 mA) output. Ideal to connect Wall and Lite to control units with output 230 V.

FLASHING LIGHT



LACO

LACO 220 A
Flashing light, 230 V power supply, with built in 433 MHz antenna.

LACO 24 AL
Flashing light 24V (only lamp) with antenna 433 MHz.



LACO LED 24

Led flashing light with built in 433 MHz antenna
LACO range is renewed with a low consumption flashing light, which also resists to vibrations and shacks.
Available in 24V version. Is supplied with its support.



SUPLACO

Plastic support for flashing light.



See specifications **page 116**

FLASHING LIGHT



	LACO			FLASH	WALL
FLASHING LIGHT CHARACTERISTICS	220A	24AL	LED24	220	
Power supply	230 V	24 Vdc	24 Vac/dc	230 V	24 V
Max. power	40 W	25 W	3 W	25 W	1 W
Lamp	E14	E14	LED	E14	LED
In built blinker card	YES	-	YES	YES	-
Inbuilt antenna	YES	YES	YES	-	-
Working temperature	-20+55°C	-20+55°C	-20+55°C	-20+55°C	-20+55°C
Protection level	IP 54	IP 54	IP 54	IP 54	IP 54
COMPATIBILITY CHART					
T124	-	YES	YES	-	YES
T124 F	-	YES	YES	-	YES
T124 RAP	-	YES	YES	-	YES
T224	-	YES	YES	-	YES
E224	-	YES	YES	-	YES
T101	YES	-	-	YES	-
T201	YES	-	-	YES	-
S101	YES	-	-	YES	-
S101A	YES	-	-	YES	-
T21 /T31	YES	-	-	YES	-
E124	YES	-	-	YES	YES
Z124	YES	-	-	YES	YES
SN24	-	YES	YES	-	YES
AF124	-	YES	YES	-	YES
T400	YES	-	YES	YES	-

ANTENNE

DIVA 40

Antenna for 40 MHz receivers, complete with stainless steel bracket and connection cable (3 m).



DAMA 430

Antenna for receivers at 433 MHz, complete with stainless steel brackets and connection cable (3 m).

PHOTOCELLS AND SELECTORS



VEDO 180

Small size photocell, simple and quick to install. Internal electrnic can be adjusted horizontally 180°, this allows better fleibility during fixing, anda particular self centring lens removes possible ranking mistakes. VEDO180have automatic synchronisme, to remove interferences between 2 couples.



VEDO 180PRO

PROgrammable infrared photocell. Ideal for complex installations, up to 8 couples of photocells thanks to new synchronised system. Infrared beam could be regulated horizontally over 180°. The particular selfcentering lent corrects mistakes also vertically. Supply can be at 24V alternating voltage or continue, without polarity refer. Range 35m.

CHARACTERISTICS	VEDO 180	VEDO 180 PRO
Power supply	12/24 +/- 10% Vac/dc	12/24 +/- 10% Vac/dc
Range	35m	35m
RX consumption (a 24 Vac)	40mA	50mA
TX consumption (a 24 Vac)	50mA	20mA
Max. relay voltage	30Vdc	30Vdc
Working temperature	-20+55°C	-20+55°C
Protection level	IP44	IP44
Dimensions	102x43x34 mm	102x43x34 mm



APRO

External key selector.

CHARACTERISTICS	APRO
Max. current	2 A
Max. voltage	24 V
Dimensions	102x43x34 mm
Protection level	IP 44
Available keys	10



PASSO

PASSO
Digital key selector via wire, supplied with his own decoder.

PASSO TS
Digital key selector via wire: only the key pad for multiple installations.

PASSO R
Digital selector via radio, battery power supply, compatible with receiver Edge, TangoSW and Noire.

PASSO FM400
Digital selector via radio, battery power supply, compatible with FM receiver.

CHARACTERISTICS	DECODER	PASSO AND PASSO TS	PASSO R AND PASSO FM400
Power supply	12/24 Vac/dc	12/24 Vac/dc	Battery CR2430
Consumption (a 24 Vac)	120 mA	60 mA	12 mA
Relay max. current	1 A	-	-
Max. relay voltage	24 Vac	-	-
Max. line distance	200 m	200 m	-
Max No. codes storage	750	-	-
Max. No. of keypad per receiver	-	4	-
Dimensions	79x48x21 mm	102x43x34 mm	102x43x34 mm
Protection level	IP 20	IP 44	IP 44



PASSO



DECODER

PASSO CARD

This device enables activation of relays via RFID (Radio Frequency IDentification) technology, by simply moving the transponder (CARD) close the reader.
System safety is guaranteed by the serial connection to a remote decoder which enables the connection of multiple CARD readers or PASSO digital keypads (max. 4 devices). The PASSO CARD is supplied with: a reader, a decoder, a Master CARD and a User CARD.

PASSO CARD
Complete set of reader, receiver, CARD and CARD MASTER.

PASSO CARD TS
Reader of CARD for multiples installations, supplied with CARD Master and Card User.

CARD10
Pack of CARD 10 pcs.

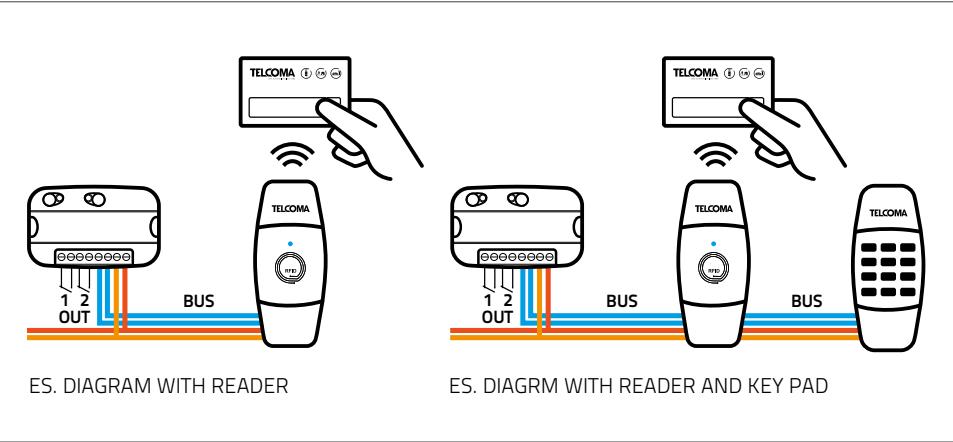
PRGCARD
Programmer of CARD.

KEYCARD10
Pack of KEYCARD 10 pcs.



TECHNICAL SPECIFICATIONS	DECODER	READER CARD
Power supply	12/24 +/- 10% Vac/dc	12/24 +/- 10% Vac/dc
Consumption (a 24 Vac)	120 mA	100mA
Max. relay voltage	30 Vdc	-
Max relay supply	0,5 A	-
Maximum lenght of connections	200 m	200 m
Max no. codes storage	750	-
Working temperature	-20 +55°C	-20 +55°C
Protection level	IP20	IP54
Dimensions	79x48x21 mm	102x43x34 mm

WIRING DIAGRAMS



READER and CARD



KEYCARD10



DECODER



PRG CARD

BLINDO

Cover protection for **APRO/VEDO** and **PASSO**, aluminum cast. Pack of 2 pcs.



COP

Finishing cover for **APRO/VEDO/PASSO**. Perfect to cover pre-existing fittings. Pack of 2 pcs.



POS

POS 50A
Aluminum post 55 cm height, one module for **APRO/VEDO** and **PASSO**. Pack of 2 pcs.

POS 100A
Aluminum post 110 cm height, one module for **APRO/VEDO** and **PASSO**.

POS 100AA
Aluminum post 110 cm height, two module for **APRO/VEDO** and **PASSO**.



CP POS

Fixing kits for posts POS50A, POS100A and POS100AA. Pack of 1 pcs.



ACCESSORI

B3V2430
Lithium battery 3 V CR 2430.
Pack of 10 pcs.
For PASSO R.



SME2

Aluminum external key selector.

CHARACTERISTICS	SME2
Max. current	5 A
Max. voltage	24 V
Dimensions	89x77x46 mm
Protection level	IP 44
Available keys	10



SELCH

Flush mounted plastic key selector.

CHARACTERISTICS	SELCH
Max. current	2 A
Max. voltage	24 V
Dimensions	69x69x78 mm
Protection level	IP 44
Available keys	10



CPM

Flush mounted plastic housing for **ILB SINCRO** and **SELCH**.



PHOTOCELLS AND SELECTORS



FT201 SINCRO

Pair of synchronized external photocells with adjustable optics, range 60 m.

CHARACTERISTICS	FT201 SINCRO
Power supply	12/24±10% Vac/dc
Characteristics	60 m
RX consumption (a 24 Vac)	40 mA
TX consumption (a 24 Vac)	50 mA
Max. relay voltage	30 Vdc
Working temperature	-20 +55°C
Protection level	IP 44
Dimensions	87x59x40 mm



ILB SINCRO

Pair of synchronized flush mounted photocells with adjustable optics, range 50 m.

CHARACTERISTICS	ILB SINCRO
Power supply	12/24±10% Vac/dc
Characteristics	50 m
RX consumption (a 24 Vac)	40 mA
TX consumption (a 24 Vac)	50 mA
Max. relay voltage	30 Vdc
Working temperature	-20 +55°C
Protection level	IP 44
Dimensions	69x69x78 mm



ILBINO SINCRO

Pair of synchronized mini photocells. Range 25 m.

CHARACTERISTICS	ILBINO SINCRO
Power supply	12/24±10% Vac/dc
Characteristics	25 m
RX consumption (a 24 Vac)	40 mA
TX consumption (a 24 Vac)	50 mA
Max. relay voltage	30 Vdc
Working temperature	-20 +55°C
Protection level	IP 44
Dimensions	70x30 mm



SENSITIVE SAFETY EDGES



SRC

Wireless Radio System to connect sensitive edges and other safety devices where the wiring is not possible. Thanks to the long life batteries and the two-way radio transmission, the system communicates continuously with the automation making the application safe and versatile.

CHARACTERISTICS	SRC TXN	SRC RXN
Frequency	868 MHz*	868 MHz*
Transmission	FSK bidirectional	FSK bidirectional
Radio Range	80**	80**
Protection level	IP 54	IP 55
Power supply	2 batteries alkaline AA	12/24 Vdc/ac
Consumption	battery life 3 years	60 mA
Contact range	-	0,5/24 A/V
Working temperature	-20 +55°C	-20 +55°C
Dimensions	145X50X26,5 mm	110X109X41 mm
Number of functions	1	2



* tunable on 4 different frequencies
**in optimal conditions

CK

CK160

Safety edge, as per European norm EN 12978, to be installed with CSSENSOR.
length 160 cm, with caps.

CK200

Safety edge, as per European norm EN 12978, to be installed with CSSENSOR.
Length 200 cm, with caps.



CS

CS120

Narrow safety edge, as per European norm EN 12978, to be installed with CSSENSOR.
Length 120 cm, without caps.

CS180

Narrow safety edge, as per European norm EN 12978, to be installed with CSSENSOR.
Length 180 cm, without caps.



ACCESSORIES

CSANG DX/SX
Right or Left corner joint.



CSGIUN
Linear joint.



CSTAP SX/DX
Right or left finishing cap.



CS SENSOR

Electronic card for 8.2KOhm safety edge CK and CS. 24 V power supply.



LD3

Vehicle detector, 24 Vdc/Vac power supply.
Card identifies when vehicle arrives on the detector, all its stay and when it leaves sensibility and requency regulation.
New function that detects vehicle direction, by connecting an other device.



CHARACTERISTICS	LD 2
Power supply	24 Vdc
Consumption	100 mA
Relay contact max voltage	24 V
Relay contact max capacity	0,5 A
Number of outputs	3
Protection level	IP 54
Working temperature	-20 +55°C
Dimensions	146x64x38 mm



CANCELLO DEMO

Quadruple demo gate, delivered with:

- one Ace Fast
- one Tag
- one Asy 324
- one Arm 24
- one Passo R
- one Edge 4
- 3 Control units T124
- 4 Receivers OC2.



FUNCTIONS CONTROL UNITS

CENTRALI 230 V

GENERAL DATA	T21	T31	T101	S101	T600	T400
Recommended for	shutter/awning	shutter/awning	sliding gate /single swing gate/barrier	overhead door	swing gate/ double sliding gate	sliding gate/ industrial door
N. Motors	1	1	1	1	2	1
Max VA	230 Vac max 1000 VA	230 Vac max 1000 VA	230 Vac max 1100 VA	230 Vac max 1100 VA	230 Vac max 2x600 VA	230/400 Vac max 2000 VA
Power supply	230Vac 50Hz max 5 A	230Vac 50Hz max 5 A	230Vac 50Hz max 6,3 A	230Vac 50Hz max 6,3 A	230Vac 50Hz	230/400 Vac 50/60 Hz
Positions learning	/	electronic clutch	encoder/ electronic clutch	encoder/ electronic clutch	encoder/ electronic clutch	encoder
Electronic protection	timer	timer	encoder or timer	encoder or timer	encoder or timer	encoder or timer
Radio receiver	OC2 (opt.)	OC2 (opt.)	OC2 (opt.)	OC2 (opt.)	OC2 e SR (opt.)	OC2 e SR (opt.)

MAIN FUNCTIONS

N. functions with Dip Switch	4	4	10	10	12	12
Slow down and soft-start	/	/	YES	YES	YES	/
Electronic brake	/	/	YES	YES	/	YES

AUX OUTPUT

Power output	24 Vac max 200 mA	24 Vac max 200 mA	24 Vac 150 mA	24 Vac 150 mA	24 Vac 150 mA	24 Vac 300 mA
Flashing light	230 V max 100 W	230 V max 100 W	230 V max 200 W	230 V max 200 W	230 V max 200 W	230 V max 40 W
Courtesy light	/	230 V max 100 W	230 V max 200 W	230 V max 200 W	230 V max 200 W	contact 5A (exit US1)
Open gate indicator	/	/	24 Vac max 3 W	24 Vac max 3 W	24 Vac max 3W	24 Vac max 3W
Electric lock	/	/	with MES (opt.)	with MES (opt.)	12 Vcc max 15W	contact 5A (exit US1)
Photo test	/	/	YES	YES	YES	YES

CONNECTIONS

STEP by STEP	YES	YES	YES	YES	YES	YES
OPEN	YES (P/P connection)	YES (P/P connection)	YES	YES	/	YES
CLOSE	YES (Pedestrian connection)	YES (Pedestrian connection)	YES	YES	/	YES
PEDESTRIAN open	YES	YES	YES	YES	YES	YES
STOP	YES	YES	YES	YES	YES	YES
Photo	/	/	YES	YES	YES	/
Photo only in close	YES	YES	YES	YES	YES	YES
Sensitive edge	YES (8.2KOhm connection)	YES (8.2KOhm connection)	YES	YES	YES	2 connections 8.2 KOhm
FC OPEN and CLOSE	/	SI	YES	YES	YES	YES
JOLLY 1	/	/	*B *F2 *O *P	*B *F2 *O *P	*A *D *G *O	*F2 *S *T1 *T2
JOLLY 2	/	/	/	/	*C *E *F3	/
JOLLY 3	/	/	/	/	/	/
JOLLY 4	/	/	/	/	/	/

*A = Open

*B = C. F.

*C = Close

*D = Fca

*E = Fcc

*F2 = Photo 2

*F3 = Photo 3

*G = Safety edge in Open

*O = Timer

*P = Pedestrian

*S = Slave

*T1 = Open timer

*T2 = Pedestrian timer

CENTRALI 24 V

GENERAL DATA	T124	T124F	Z124	E124	T624	E224
Recommended for	sliding gate / single swing gate	overhead door	sectional door (ZEN)	swing gate (TEN1)	overhead door and double sliding gate	swing gate (TEN2)
N. Motors	1	1	1	1	2	2
Max VA	24Vcc max 120W	24Vcc max 120W	24Vcc max 120W	24Vcc max 120W	24Vcc max 2x180W	24Vcc max 2x180W
Power supply	230Vac Battery 24V (opt.)	230Vac Battery 24V (opt.)	230Vac Battery 24V (opt.)	230Vac Battery 24V (opt.)	230Vac Battery 24V (opt.)	230Vac Battery 24V (opt.)
Positions learning	encoder or amperometrica	encoder	encoder	encoder	encoder or amperometrica	encoder or amperometrica
Electronic protection	encoder or timer	encoder	encoder	encoder	encoder or timer	encoder or timer
Radio receiver	OC2 (opt.)	OC2 (opt.)	OC2 (opt.)	OC2 (opt.)	SR/ OC2 (opt.)	SR/ OC2 (opt.)

MAIN FUNCTIONS

N. functions with Dip Switch	10	10	10	10	12	12
Slow down and soft-start	YES	YES	YES	YES	YES	YES
Electronic brake	SIa YES	YES	YES	YES	YES	YES

AUX OUTPUT

Power output	24Vcc max 1A	24Vcc max 1A	24Vcc 1A	24Vcc 1A	24Vcc max 1A	24Vcc max 1A
Flashing light	24Vcc max 1A	24Vcc max 1A	230V max 100W	230V max 100W	24Vcc max 1A	24Vcc max 1A
Courtesy light	/	24Vcc max 100W	12Vcc max 10W	/	Free contact max 2A	Free contact max 2A
Open gate indicator	24Vcc max 1A	/	/	/	24Vcc max 1A	24Vcc max 1A
Electric lock	/	/	/	12Vcc max 15W	12Vcc max 15W	12Vcc max 15W
Photo test	YES	/	/	/	YES	YES

CONNECTIONS

STEP by STEP	YES	YES	YES	SI	YES	YES
OPEN	/	/	/	/	/	/
CLOSE	/	/	/	/	/	/
PEDESTRIAN open	/	/	/	/	YES	YES
STOP	YES	YES	YES	YES	YES	YES
Photo	/	/	/	/	YES	YES
Photo only in close	YES	YES	YES	YES	YES	YES
Sensitive edge	/	/	YES (8.2KOhm)	YES (8.2KOhm)	YES (sensitive edge in open)	YES (sensitive edge in open)
FC OPEN and CLOSE	YES	YES	/	/	YES	YES
JOLLY 1	*C *F2 *G *P	*C *F2 *G *P	/	/	*A *D1	*A *D1
JOLLY 2	/	/	/	/	*C *E1	*C *E1
JOLLY 3	/	/	/	/	*A *D2 *F3	*A *D2 *F3
JOLLY 4	/	/	/	/	*C *E2 *H	*C *E2 *H

*A = Open

*B = C. F.

*C = Close

*D1 = Fca M1

*E1 = Fcc M1

*D2 = Fca M2

*E2 = Fcc M2

*F2 = Photo 2

*F3 = Photo 3

*G = Safety edge in Open

*H = Safety edge in Close

*O = Timer

*P = Pedestrian

FUNCTIONS REMOTE CONTROLS

TRANSMITTERS DATA	FM				NOIRE			
	402E	404E	420	400TAXI	2E	4E	20	TAXI
Power supply/battery	3V / CR2032	3V / CR2032	3V / CR2430	3V / CR2430	3V / CR2032	3V / CR2032	3V / CR2430	3V / CR2430
Consumption	20 mA	20 mA	50 mA	50 mA	8 mA	8 mA	50 mA	50 mA
Radio frequency	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz
Power	400 µW	400 µW	900 µW	900 µW	150 µW	150 µW	900 µW	900 µW
Modulation	FM	FM	FM	FM	AM	AM	AM	AM
Rolling Code combinations	2 ⁶⁶	2 ⁶⁶	2 ⁶⁶	2 ⁶⁶	1048576	1048576	1048576	1048576
N. channels	2	4	20	5	2	4	20	5
Rolling-Code	YES	YES	YES	YES	YES	YES	YES	YES
PRG to input family code	YES	YES	YES	YES	YES	YES	YES	YES
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
Dimensions (mm)	36x74,5x10,5	36x74,5x10,5	41x116x13,2	41x116x13,2	36x74,5x10,5	36x74,5x10,5	41x116x13,2	41x116x13,2

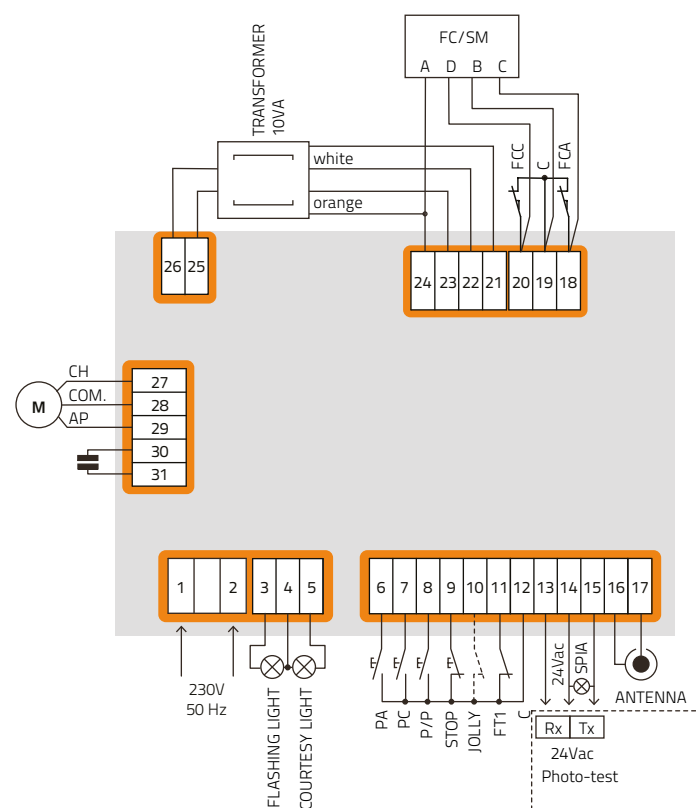
RECEIVERS DATA	FM400				NOIRE			
	OC2	RB2	R4P	230R4	OC2	RB2	R4P	230R4
Power supply	5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V	5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V
Stand-by consumption	12 mA	40 mA	40 mA	12 mA	12 mA	40 mA	40 mA	12 mA
A output	/	0,5 A	4 A	5 A	/	0,5 A	4 A	5 A
V output	/	30 Vdc	30 Vdc	230 V	/	30 Vdc	30 Vdc	230 V
N. channels	2	2	4	4	2	2	4	4
N. codes	500	500	500	500	163	163	163	163
N. codes with extra memory	1012	1012	1012	1012	675	675	675	675
Working temperature	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
Protection level	/	/	IP 44	IP 56	/	/	IP 44	IP 56
Dimensions (mm)	48,2x35,6x11	48,2x35,6x11	94x155x50	118x158x76	48,2x35,6x11	79x48x21	94x155x50	118x158x76

EDGE				WIN3	TANGO		FOX 4
2	4	20	TAXI		2SW	4SW	
3V / CR2032	3V / CR2032	3V / CR2430	3V / CR2430	3V / CR2430	12V / GP23A	12V / GP23A	12V / GP23A
8 mA	8 mA	50 mA	50 mA	15 mA	10 mA	10 mA	30
433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	433,92 MHz	40,665 MHz
150 µW	150 µW	900 µW	900 µW	700 µW	1000 µW	1000 µW	40 µW
AM	AM	AM	AM	AM	AM	AM	AM
1048576	1048576	1048576	1048576	1048576	1024	1024	1024
2	4	20	5	3	2	4	4
/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/
-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
36x74,5x10,5	36x74,5x10,5	41x116x13,2	41x116x13,2	82x84x16	39x78x18	39x78x18	39x78x18

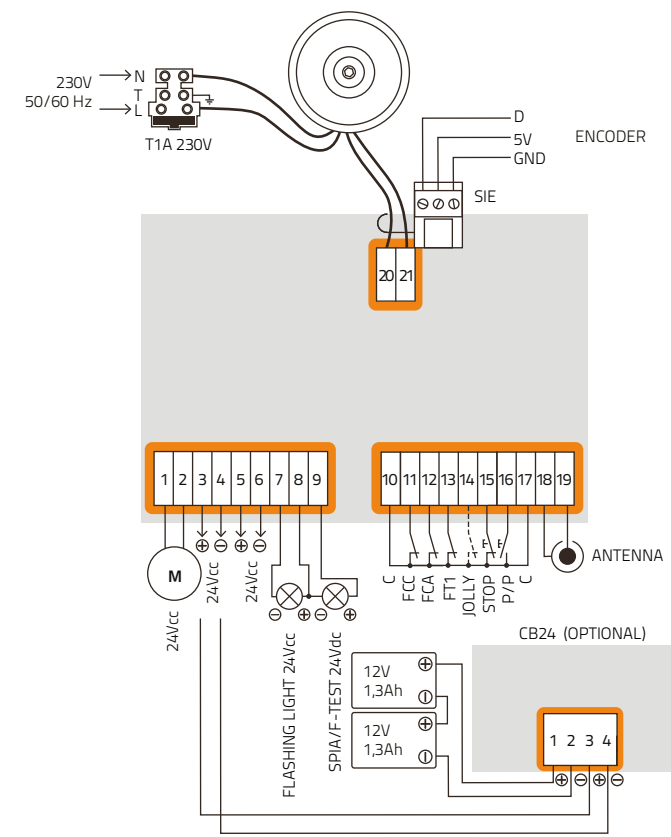
EDGE				TANGO		FOX
OC2	RB2	R4P	230R4	OC2 SW	RB2 SW	RB2
5 Vdc	12/24 Vac/dc	12/24 Vac/dc	230 V	5 Vdc	12/24 Vac/dc	12/24 Vac/dc
12 mA	40 mA	40 mA	12 mA	12 mA	40 mA	50 mA
/	0,5 A	4 A	5 A	/	0,5 A	0,5 A
/	30 Vdc	30 Vdc	230 V	/	30 Vdc	30 Vdc
2	2	4	4	2	2	2
163	163	163	163	244	244	244
675	675	675	675	1012	1012	1012
-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C	-20 +55°C
/	/	IP 44	IP 56	/	/	/
48,2x35,6x11	79x48x21	94x155x50	118x158x76	48,2x35,6x11	79x48x21	79x48x21

WIRING DIAGRAMS

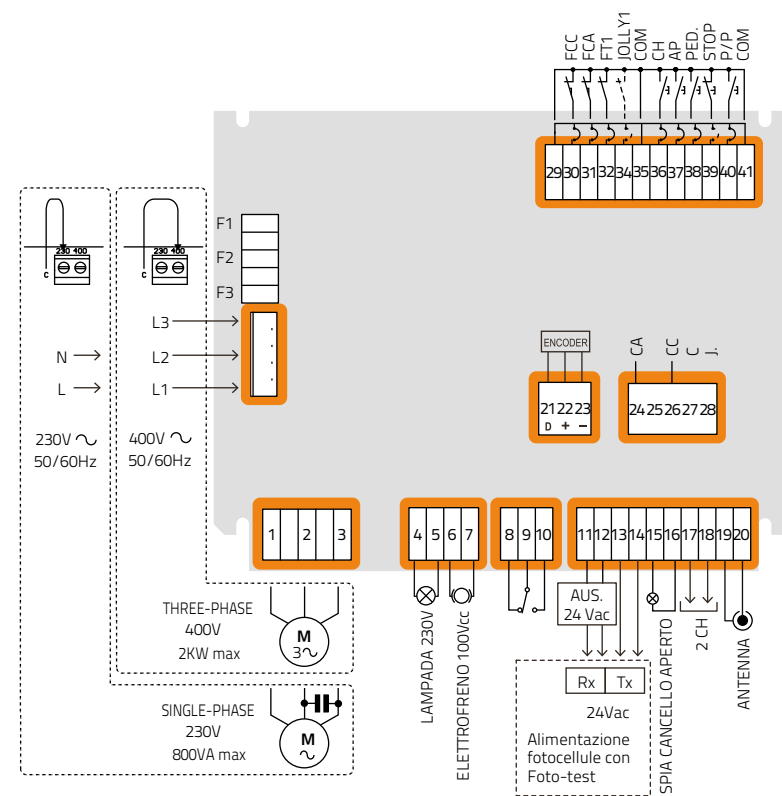
CONTROL UNITS



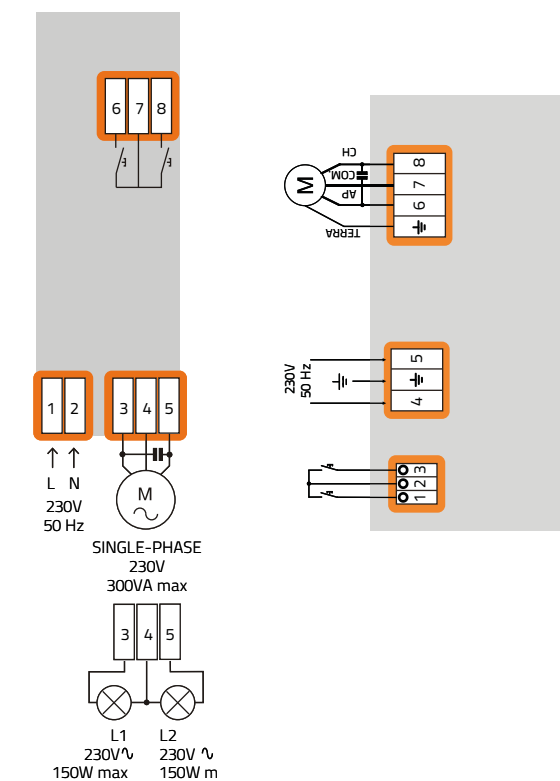
T101



T124

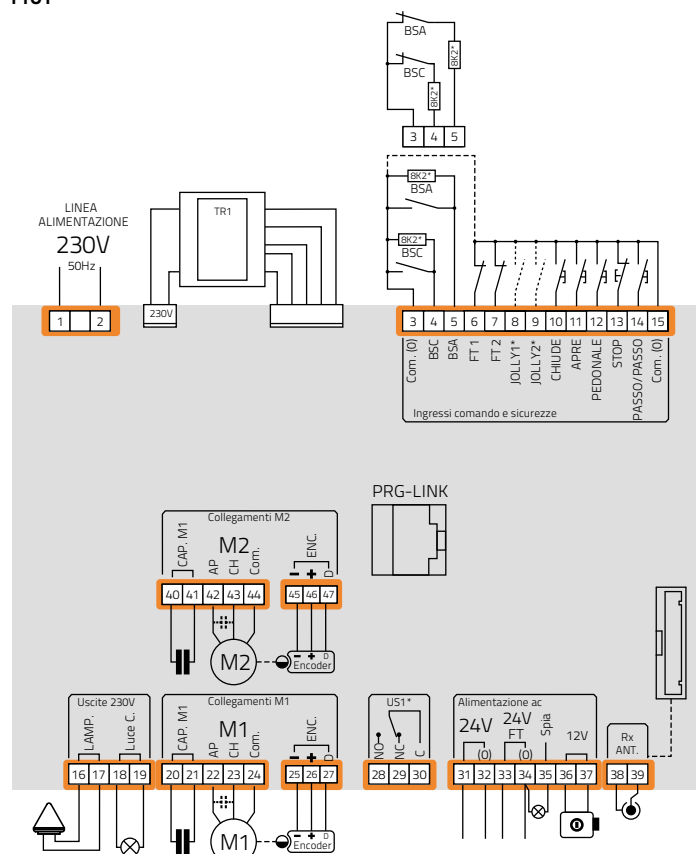


T400

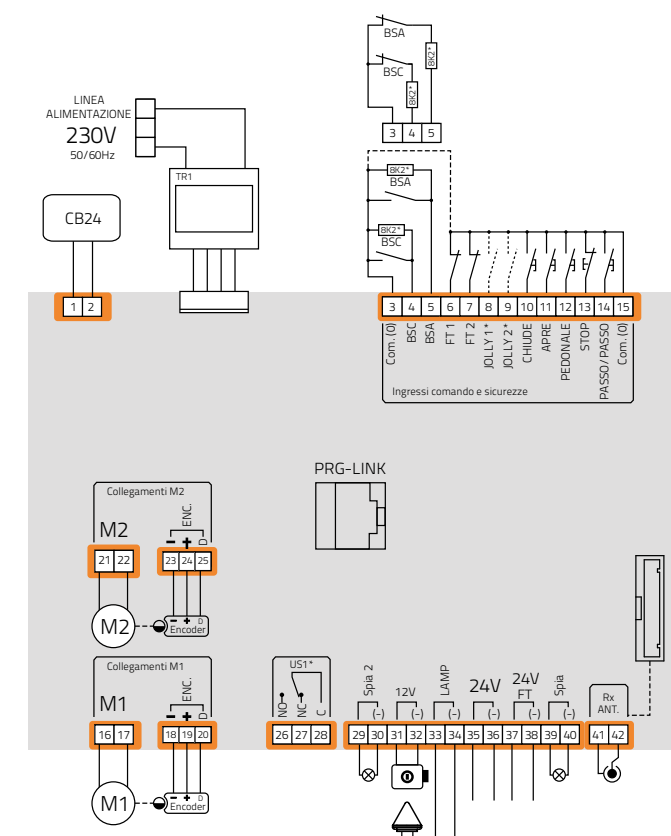


T10

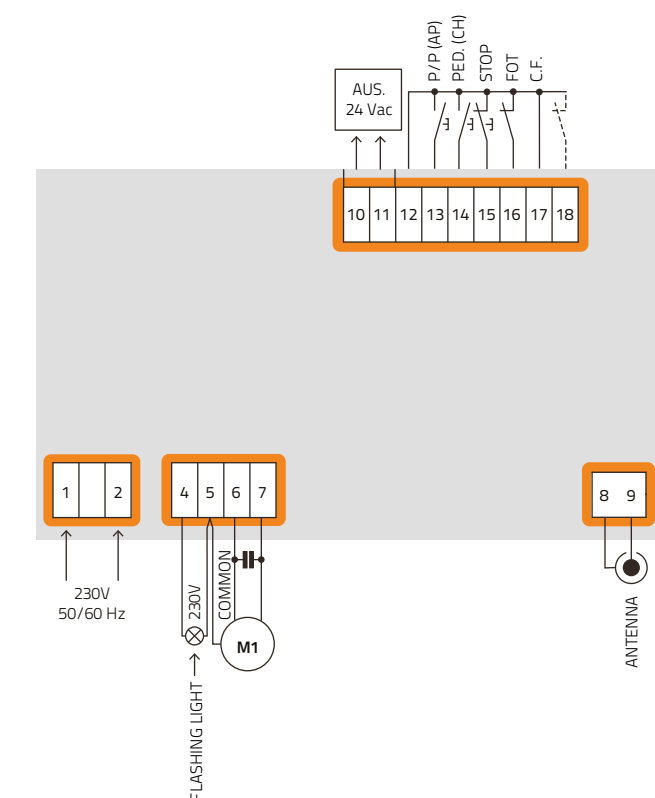
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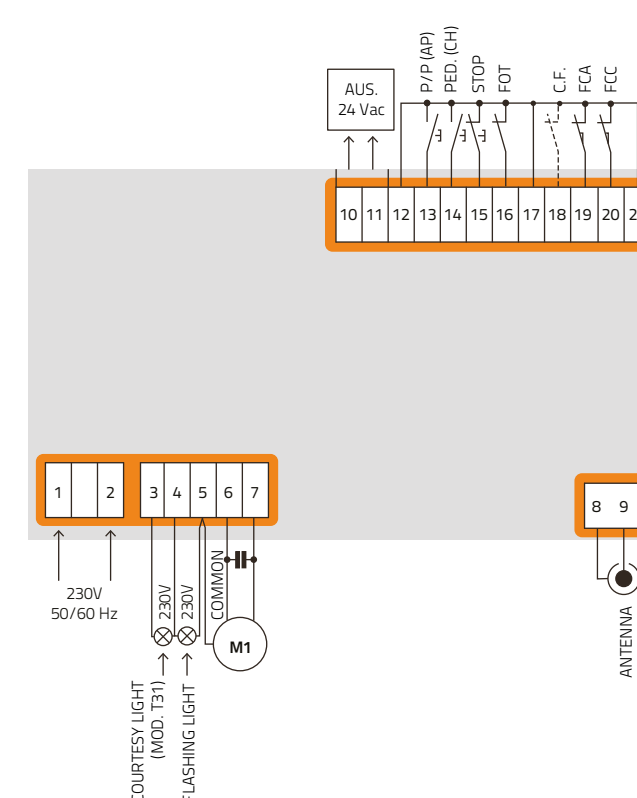
T600



T624



T21



T31

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NOTE

NOTE

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