COMUNELLO
AUTOMATION



Life made easy

2025 EDITION

COMUNELLO
AUTOMATION

The future is
already here!

Municipality: from specific to universal

Expanding for 60 years

From a special accessory for sliding gates, the core business of the first company founded by Vittorio Comunello in 1965, to a group of 5 companies that are leaders in their sectors, exporting to over 105 countries worldwide. All the products for each company are designed and manufactured entirely at their offices in Italy. This total control over the production processes guarantees the highest level of quality in accessories for industrial gates and doors (COMUNELLO GATE), motors for gates, doors and barriers (COMUNELLO AUTOMATION), components for window frames (COMUNELLO FRAME), handles (HEXT) and window automations developed in the COMUNELLO MOWIN factories.

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Exactly what you want

Maximum mechanical reliability, uncompromising simplicity

Mechanics is our strength, movement is our passion. The Automation Project was created to transform this experience into concrete solutions. The result? Products designed to exceed expectations, ensuring excellent performance and uncompromising quality.

We believe in innovation that simplifies: our control electronics are intuitive and designed to make every installation quick and efficient. Every connection is clearly marked, because your time is precious and we want to help you make the most of it.

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Municipality: Design made to resist

The union of style and practicality

An exclusive and patented design, designed to harmoniously blend aesthetics and functionality.

Elegant shapes, clean lines and an essential style that enhances every architectural context.

Solutions that combine innovation and sophistication, designed to last and make life easier for those who choose them.

COMUNELLO AUTOMATION





Comunello Formation LAB

1. **COMUNELLO EXPERT** TRAINING

2. CAT **TRAINING** (Technical Assistance Centres)

3. **TRAINING DAYS**
   FOR COMUNELLO EXPERT AND CAT

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COMUNELLO
Formation Lab


COMUNELLO
FUSE 1
COMUNELLO
CU-230V-HP
FUSE 2

HP CONTROL UNIT

SIMPLE AND INTUITIVE

Two supply voltages, one programming logic

The HP electronic control unit offers a wide range of programming options, making it the ideal solution for even the most advanced home automation systems. Comunello produces two types of power packs, 24V and 230V. To make life easier, the first set of commands is the same for both types of control panels, and configuration is via a simple and intuitive LED-based selection programme. The same programming logic applies to both, so the system is simple to learn. Life made easy!

24V HP



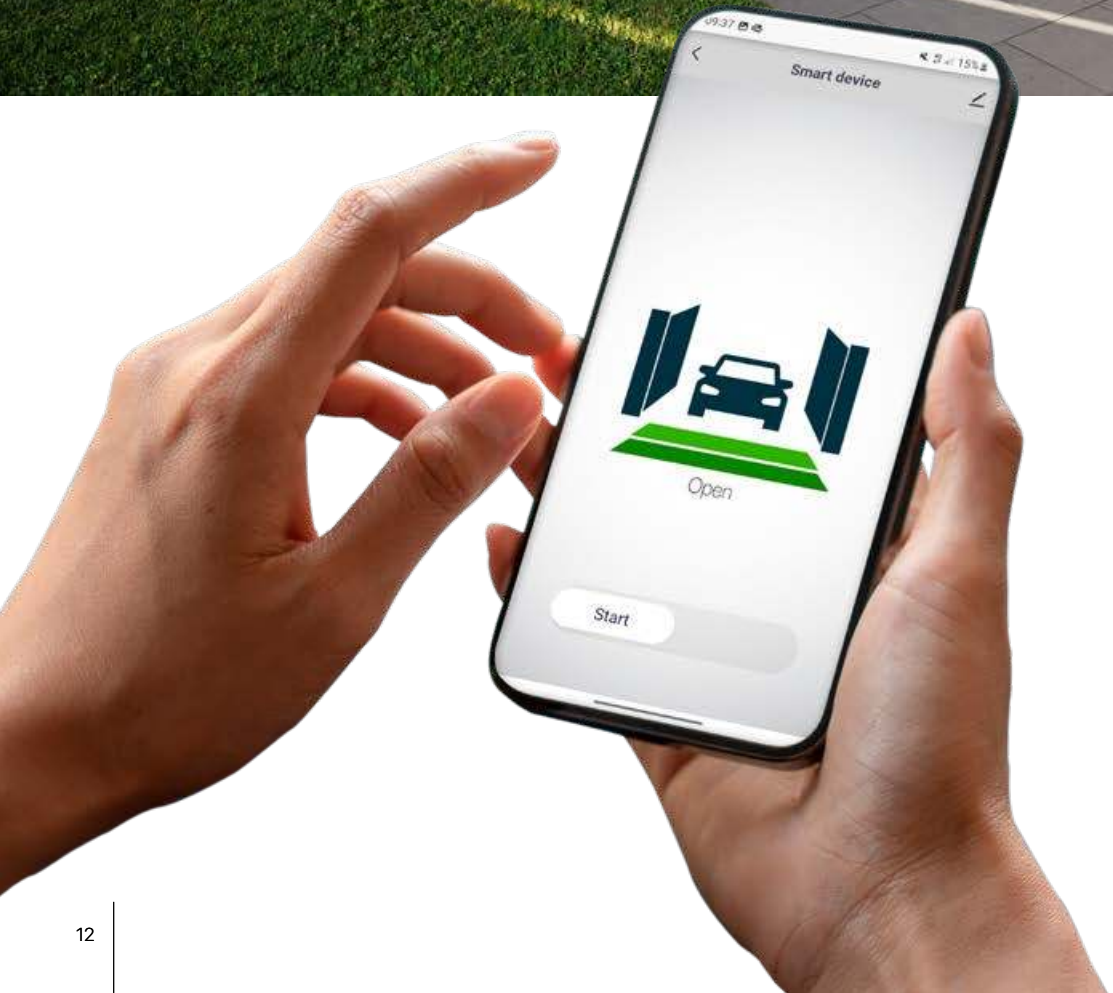
230V HP



- Easy-to-use, LED driven multi-level menu for easy setup
- Motor reversing configuration
- 24V & 230V signalling / output beacon
- Protective pad-printed guide cover
- Engine brake
- Automatic stroke programming
- Dual fuse protection
- Direct adjustments of Speed (24V) or Force (230V), Slowdown and Sensitivity
- Auxiliary radio channel
- Direct lock control output
- Photo-test of photocells
- Opto-isolated inputs
- Removable radio module
- Buffer battery input (24V)
- Soft-Start & Soft-Stop
- Manual stroke programming
- Locking with radio remote control
- Simplified stroke adjustment or manoeuvring times
- Encoder input
- Removable connectors and simplified layout
- Condominium function
- Gate status indicator output
- Security input 8k2

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Smart device
Open
Start

AC-950 LOCK 24

Radio and Wifi control unit for remote automation control

Completing the technological range is the AC-950 control unit, a device that takes automation to another level. Alone or in combination with HP control units, it offers maximum convenience thanks to the remote control automation through the OneSmart app, Alexa and Google Home, personalized access management, control programming and full compatibility with Victor RC remote controls. Suitable for sliding gates, swing gates, garage doors and road barriers, AC-950 is the ideal solution to make your automation smart

24V HP



230V HP





COMPATIBILITY AND AREAS OF USE



VICTOR RC



OneSmart



Actuators for sliding gates



Actuators for swing gates



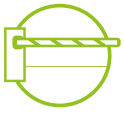
Alexa



Google Home



Actuators for garage doors



Automations for road barriers

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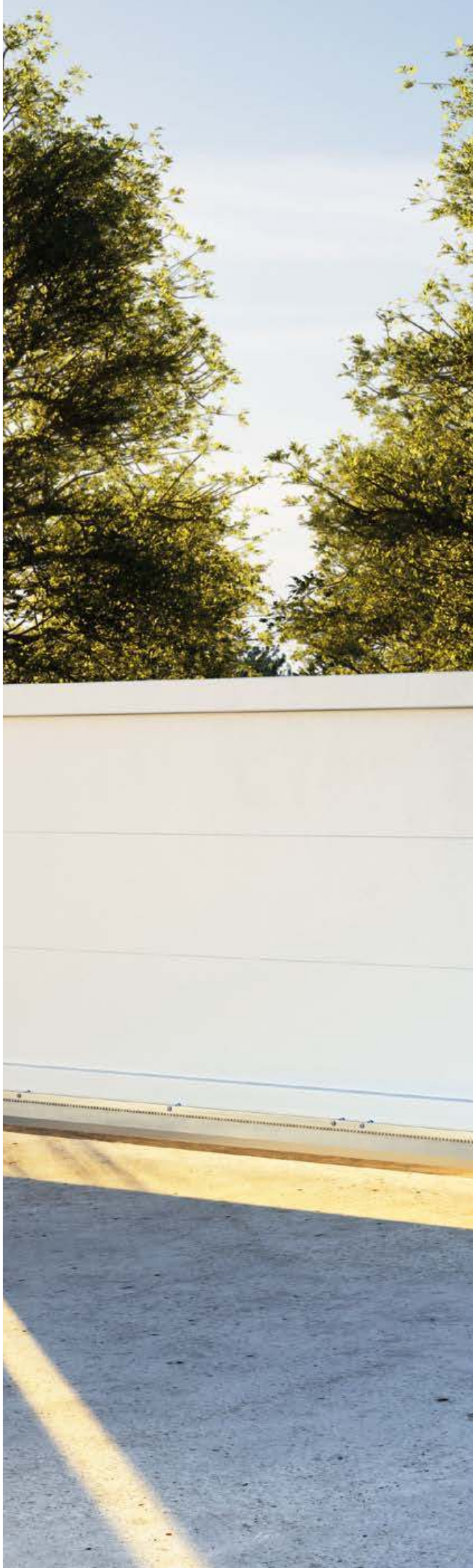


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Automations for sliding gates

Comunello's automation systems for sliding gates represent excellence in terms of innovation, reliability and design. Designed to meet both residential and industrial needs, our electromechanical actuators ensure optimal performance and long life. The product range includes solutions for gates of different sizes and weights, offering an effective and safe solution for every type of installation.

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FORT Technical features

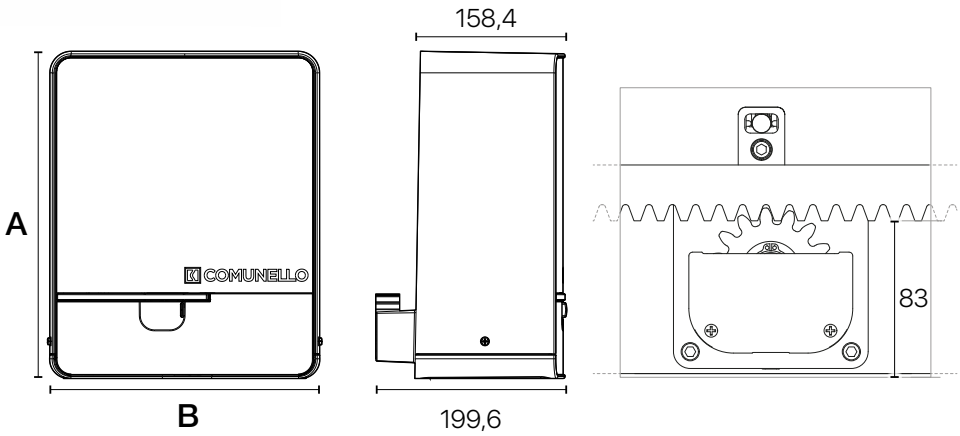


FORT 400-500:

A=325 - B=237

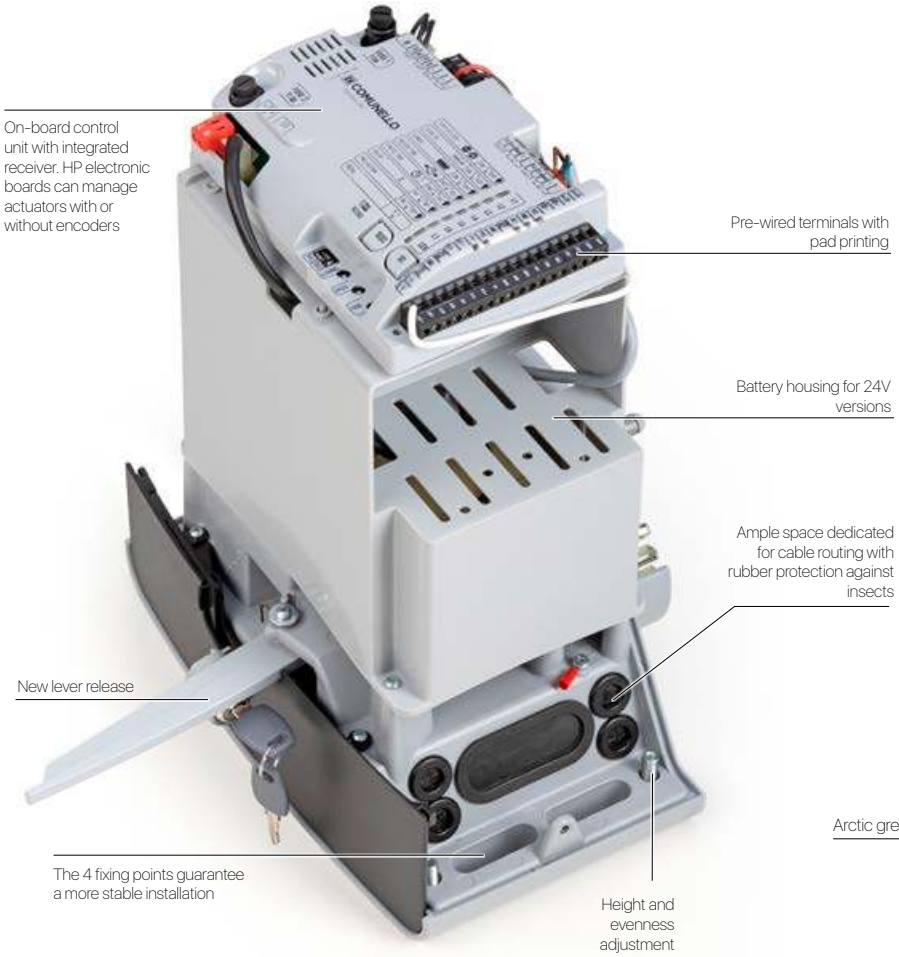
FORT 600-800-1000-1500:

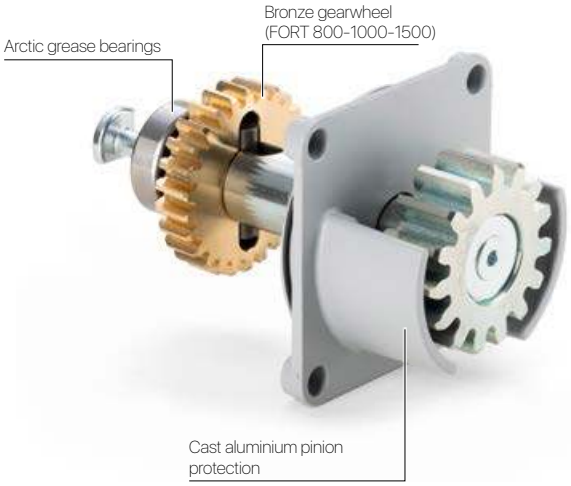
A=345 - B=285



MAIN FEATURES

Performance: Tested for mechanical performance and lubrication, and guaranteed even at low temperatures
Speed: Nominal and deceleration speed adjustable up to 0.28 m/s
Obstacle detection: Obstacle detection with power consumption or with encoder
Intensive use: 24 VDC version for heavy duty applications





100% TESTED

Every single product is regularly tested at the end of the assembly line

TECHNICAL FEATURES

	FORT 400 24V	FORT 500 230V	FORT 600 24V	FORT 800 24V	FORT 800 230V	FORT 1000 24V	FORT 1000 230V	FORT 1500 230V
Voltage	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Motor power supply	24 VDC	230 VAC	24 VDC	24 VDC	230 VAC	24 VDC	230 VAC	230 VAC
Power consumption	70 W	280 W	110 W	150 W	320 W	150 W	340 W	460 W
Nominal absorption	3.0 A	1.2 A	5.0 A	5.6 A	1.4 A	6.2 A	1.5 A	2.0 A
Internal gearing	Nylon	Nylon	Nylon	Metal	Metal	Metal	Metal	Metal
Maximum thrust	350 N	450 N	550 N	750 N	750 N	900 N	900 N	1400 N
Work intermittency	Intensive use	30%	Intensive use	Intensive use	30%	Intensive use	30%	30%
Protection class (IP)	IP44	IP44	IP44	IP44	IP44	IP44	IP44	IP44
Insulation class	2	1 (earthing)	2	2	1 (earthing)	2	1 (earthing)	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Maximum gate weight	400 kg	500 kg	600 kg	800 kg	800 kg	1000 kg	1000 kg	1500 kg
Rack module	M4	M4	M4	M4	M4	M4	M4	M4
Speed	0.26 m/s	0.17 m/s	0.28 m/s	0.28 m/s	0.17 m/s	0.21 m/s	0.17 m/s	0.17 m/s
Weight	8.9 kg	9.9 kg	10.6 kg	12 kg	12 kg	12 kg	12.4 kg	12.6 kg

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FORT

Automation for sliding gates
24 VDC and 230 VAC with encoder – mechanical and magnetic limit switch

24 VDC motor with built-in electronics for sliding gates up to 1000kg

			Max door weight	**				Fixing kit		
FORT 400	24 VDC	GFT040MEL0B00A	400 kg	CU 24V HP	•	•	•	•	8.9 kg	30
FORT 600	24 VDC	GFT060MEL0B00A	600 kg	CU 24V HP	•	•	•	•	10.6 kg	30
FORT 800	24 VDC	GFT080MEL0B00A	800 kg	CU 24V HP	•	•	•	•	11.6 kg	30
FORT 1000	24 VDC	GFT100MCL0B00A	1000 kg	CU 24V HP	•	•	•	•	12 kg	30
FORT 1000	24 VDC	GFT100GCL0B00A	1000 kg	CU 24V HP	•	•		•	12 kg	30

230 VAC motor with built-in electronics for sliding gates up to 1500kg

			Max door weight	**				Fixing kit		
FORT 500	230 VAC	GFT050MEH0B00A	500 kg	CU 230V HP	•	•	•	•	9.9 kg	30
FORT 800	230 VAC	GFT080MEH0B00A	800 kg	CU 230V HP	•	•	•	•	11.6 kg	30
FORT 1000	230 VAC	GFT100MEH0B00A	1000 kg	CU 230V HP	•	•	•	•	12.4 kg	30
FORT 1000	230 VAC	GFT100GCH0B00A	1000 kg	CU 230V HP	•	•		•	12.4 kg	30
FORT 1000	230 VAC	GFT100G0H0B00A	1000 kg	-	•	•		•	12.4 kg	30
FORT 1500	230 VAC	GFT150MHH0B00A	1500 kg	CU 230V HP	•	•	•	•	12.6 kg	30
FORT 1500	230 VAC	GFT150GCH0B00A	1500 kg	CU 230V HP	•	•		•	12.6 kg	30

= Encoder – = Mechanical limit switch – = Magnetic limit switch

** Versions without a control unit available to create dual-motor configurations.

KIT FORT 24V



Complete kit for sliding gates, 24 VDC up to 1000kg with mechanical limit switch.



1 FORT
1 24V 1M CU Board
1 Receiver



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00



AC-195
Limit switch kit
GFT003FIN0G00



AC-220
Support AC-220
GFT001AAN0G00A

FORT 400 FM+E KIT	GKFT040ELB000A	9.5 kg	30
FORT 600 FM+E KIT	GKFT060ELB000A	11.2 kg	30
FORT 800 FM+E KIT	GKFT080ELB000A	12.2 kg	30
FORT 1000 FM+E KIT	GKFT100ELB000A	13 kg	30

FM = Mechanical Limit Switch **E** = Encoder – All models are prepared for the Dual version

KIT FORT 230V

Complete kit for sliding gates, 230 VAC up to 1500kg with mechanical limit switch.



1 FORT
1 24V 1M CU Board
1 Receiver



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00



AC-195
Limit switch kit
GFT003FIN0G00



AC-220
Support AC-220
GFT001AAN0G00A

FORT 500 FM+E KIT	GKFT050EHB000A	10.5 kg	30
FORT 800 FM+E KIT	GKFT080EHB000A	12.2 kg	30
FORT 1000 FM+E KIT	GKFT100EHB000A	13 kg	30
FORT 1500 FM+E KIT	GKFT150EHB000A	13.6 kg	30

FM = Mechanical Limit Switch **E** = Encoder – All models are prepared for the Dual version

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FORT

Supplementary accessories

	**AC-220**	Fixing bracket for sliding actuator Included in all KITS	GFT001AAN0G00A	1	1.8 kg
	**AC-250**	Fixing kit No.6 M10	GROD4M10N0G00	1	0.98 kg
	**AC-195**	Mechanical limit switch kit	GFT003FIN0G00	1	0.20 kg
	**AC-200**	Magnetic limit switch kit	GFT001FIN0G00A	1	0.8 kg
	**AC-205**	Magnetic sensor	GFT002FIN0G00	1	0.12 kg
	**AC-206**	Electromechanical limit switch with elongated spring (for Fort 400/500/600/800/1000/1500 with Mini and Small **Integrator** opening system)	GFINECORN00P0	1	0.11 kg
	**AC-210**	Sprocket module 6	GFT001CRN0G00	1	0.4 kg

FORT

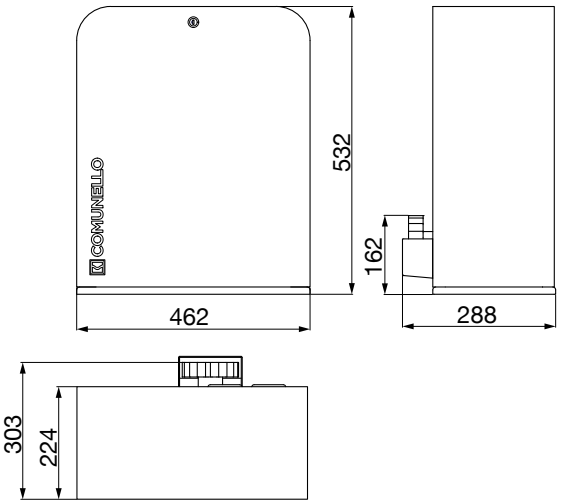
Supplementary accessories

	**AG-260-1M**	Galvanised iron rack M=4; A.B=22; L=1000 Galvanised iron rack M=6; A.B=30; L=1000	GACCGT1F00001 GACCGT1F00003	1	3.1 kg 6.0 kg
	**AG-260-2M**	Galvanised iron rack M=4; A.B=22; L=2000	GACCGT1F00002	1	6.2 kg
	AG-261	M4 1m nylon rack with iron body and 6 fixing points	GACCGT1F00008	1	0.90 kg
	**AG 261 KIT**	M4 1m nylon rack with iron body, 6 fixing points, including screws	GACCGT1F00010	1	0.90 kg
	**AG-KIT 262**	Screw-on galvanised rack 30x8x1M with spacers	GACCGT1F00005	1	1.6 kg
	**AG-KIT 262**	Screw-on galvanised rack 30x12x1M with spacers	GACCGT1F00006	1	2.4 kg
	**AG-KIT 262**	Screw-on galvanised rack 30x12x2M with spacers	GACCGT1F00007	1	4.9 kg

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FORT 2500 Technical features





100% TESTED

Every single product is regularly tested at the end of the assembly line

CU INDUSTRY 230V

Quad 230V INVERTER FORT 2500/3500

MAIN FEATURES

- Speed: thanks to the integrated inverter it is possible to adjust the nominal and deceleration speeds while maintaining high force levels and smooth handling.
- Acceleration: The control unit manages and adjusts the acceleration and deceleration ramps
- Security: The control unit can manage N.C. or 8K2 sensitive edges and photocells via dedicated inputs.
- Diagnostics: The control unit is able to perform real-time diagnostics by means of dedicated LEDs and fault signals in the display.
- Commands: The control unit manages the following commands: "opening only", "closing only", "step-by-step" and "pedestrian".
- Sensitivity: The control unit allows the sensitivity of obstacle detection to be adjusted.

CU INDUSTRY 380V

Quad 380V FORT 2500/3500

MAIN FEATURES

- Sensitivity: The control unit allows the sensitivity of obstacle detection to be adjusted.
- Commands: The control unit manages the following commands: "opening only", "closing only", "step-by-step" and "pedestrian".
- Diagnostics: Dedicated LEDs allow real-time diagnostics.
- Security: The control unit can manage NC/8K2 sensitive edges and photocells via dedicated inputs.
- Simple: The main functions are easily activated by means of 10 dip-switches.





TECHNICAL FEATURES

	FORT 2500 380V STD FE	FORT 2500 230V INV FE	FORT 2500-S 230V INV FE *
Power supply	380V 50 Hz	230V 50 Hz	230V 50 Hz
Motor power supply	380V	230V 3 ~	230V 3 ~
Power consumption	0.37 KW	0.37 KW	0.37 KW
Max absorption	1.11 A	1.92 A	1.92 A
Maximum thrust	2000 N	2000 N	2000 N
Work intermittency	Intensive use	Intensive use	Intensive use
Protection class (IP)	IP44	IP44	IP44
Insulation class	1 (earthing)	1 (earthing)	1 (earthing)
Operating temp.	-20° /+50°	-20° /+50°	-20° /+50°
Maximum gate weight	2500 kg	2500 kg	2500 kg
Rack module	M4	M4	M4
Speed	0.17 m/s	Up to 0.38 m/s	Up to 0.19 m/s
Transmission ratio	1:50	1:50	1:100
Weight	35 kg	37 kg	37 kg
Central	CU INDUSTRY 380V	CU INDUSTRY 230V	CU INDUSTRY 230V

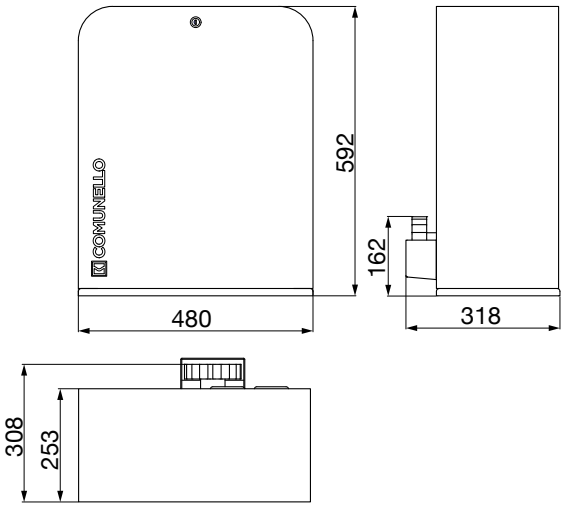
* Dedicated actuator for Ranger telescopic sliding system



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FORT 3500 Technical features





100% TESTED

Every single product is regularly tested at the end of the assembly line

CU INDUSTRY 230V

Quad 230V INVERTER FORT 2500/3500

MAIN FEATURES

- Speed: thanks to the integrated inverter it is possible to adjust the nominal and deceleration speeds while maintaining high force levels and smooth handling.
- Acceleration: The control unit manages and adjusts the acceleration and deceleration ramps
- Security: The control unit can manage N.C. or 8K2 sensitive edges and photocells via dedicated inputs.
- Diagnostics: The control unit is able to perform real-time diagnostics by means of dedicated LEDs and fault signals in the display.
- Commands: The control unit manages the following commands: "opening only", "closing only", "step-by-step" and "pedestrian".
- Sensitivity: The control unit allows the sensitivity of obstacle detection to be adjusted.

CU INDUSTRY 380V

Quad 380V FORT 2500/3500

MAIN FEATURES

- Sensitivity: The control unit allows the sensitivity of obstacle detection to be adjusted.
- Commands: The control unit manages the following commands: "opening only", "closing only", "step-by-step" and "pedestrian".
- Diagnostics: Dedicated LEDs allow real-time diagnostics.
- Security: The control unit can manage NC/8K2 sensitive edges and photocells via dedicated inputs.
- Simple: The main functions are easily activated by means of 10 dip-switches.






Electromechanical limit switches included, also available in version with magnetic limit switch



TECHNICAL FEATURES

	FORT 3500 380V STD FE	FORT 3500 230V INV FE	FORT 3500-S 230V INV FE*
Power supply	380V 50 Hz	230V 50 Hz	230V 50 Hz
Motor power supply	380V	230V 3 ~	230V 3 ~
Power consumption	0.75 KW	0.75 KW	0.75 KW
Max absorption	1.9 A	3.29 A	3.29 A
Maximum thrust	3000 N	3000 N	3000 N
Work intermittency	Intensive use	Intensive use	Intensive use
Protection class (IP)	IP44	IP44	IP44
Insulation class	1 (earthing)	1 (earthing)	1 (earthing)
Operating temp.	-20° /+50°	-20° /+50°	-20° /+50°
Maximum gate weight	3500 kg	3500 kg	3500 kg
Rack module	M6	M6	M4
Speed	0.17 m/s	Up to 0.38 m/s	Up to 0.19 m/s
Transmission ratio	1:50	1:50	1:100
Weight	46 kg	48 kg	48 kg
Central	CU INDUSTRY 380V	CU INDUSTRY 230V	CU INDUSTRY 230V

* Dedicated actuator for Ranger telescopic sliding system



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FORT 2500

230 VAC and 380 VAC automation for sliding gates

Three-phase motor 230 VAC and 380 VAC with built-in electronics for sliding gates up to 2500kg

			Max door weight	Inverter		Transmission ratio	Pinion		
FORT 2500	230 VAC	GFT250MXF2B00A	2500 kg	•	•	01:50	M4	38 kg	5
FORT 2500	400 VAC	GFT250MXG0B00A	2500 kg		•	01:50	M4	39 kg	5

Accessories

	**AC-250**	Fixing kit No.6 M10	GROD4M10N0G00	1	0.98 kg
	**AC-207**	Long lever for electromechanical limit switch (for Fort 2500/3500 with **Integrator** opening system)	GFINECORN00G0	1	0.05 kg
	**AC-212**	Module 6 sprocket for Fort 2500/3500	GFT003CRN0G00	1	1.6 kg

FORT 3500

Three-phase motor 230 VAC and 380 VAC with built-in electronics for sliding gates up to 3500kg

			Max door weight	Inverter		Transmission ratio	Pinion		
FORT 3500	230 VAC	GFT350MXF0B00A	3500 kg	•	•	01:50	M6	53.5 kg	5
FORT 3500	400 VAC	GFT350MXG0B00A	3500 kg		•	01:50	M6	54 kg	5

Accessories

	**AC-250**	Fixing kit No.6 M10	GROD4M10N0G00	1	0.98 kg
	**AC-207**	Long lever for electromechanical limit switch (for Fort 2500/3500 with **Integrator** opening system)	GFINECORN00G0	1	0.05 kg
	**AC-211**	Module 4 sprocket for Fort 2500/3500	GFT002CRN0G00	1	1.6 kg
	**AC-212**	Module 6 sprocket for Fort 2500/3500	GFT003CRN0G00	1	1.6 kg

FORT Industrial SLOW version

230 VAC and 380 VAC automation for sliding gates



FORT 2500 slow

			Max door weight	Inverter		Transmission ratio	Pinion	Kg	
FORT 2500-S	230 VAC	GFT250MXF1B00A	2500 kg	•	•	01:100 **	M4	39 kg	5

Electromechanical limit switches included, also available in version with magnetic limit switch

** Compatible with the RANGER Comunello system

FORT 3500 slow

			Max door weight	Inverter		Transmission ratio	Pinion	Kg	
FORT 3500-S	230 VAC	GFT350MXF1B00A	3500 kg	•	•	01:100 **	M4	54 kg	5

Electromechanical limit switches included, also available in version with magnetic limit switch

** Compatible with the RANGER Comunello system

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Automations for swing gates

Comunello swing gate automations embody the perfect balance of advanced technology, reliability and refined design. Ideal for both residential and commercial applications, our electromechanical actuators are designed to ensure excellent performance and long life. The product range is designed to fit gates of various sizes and weights, offering safe and efficient solutions for every type of installation

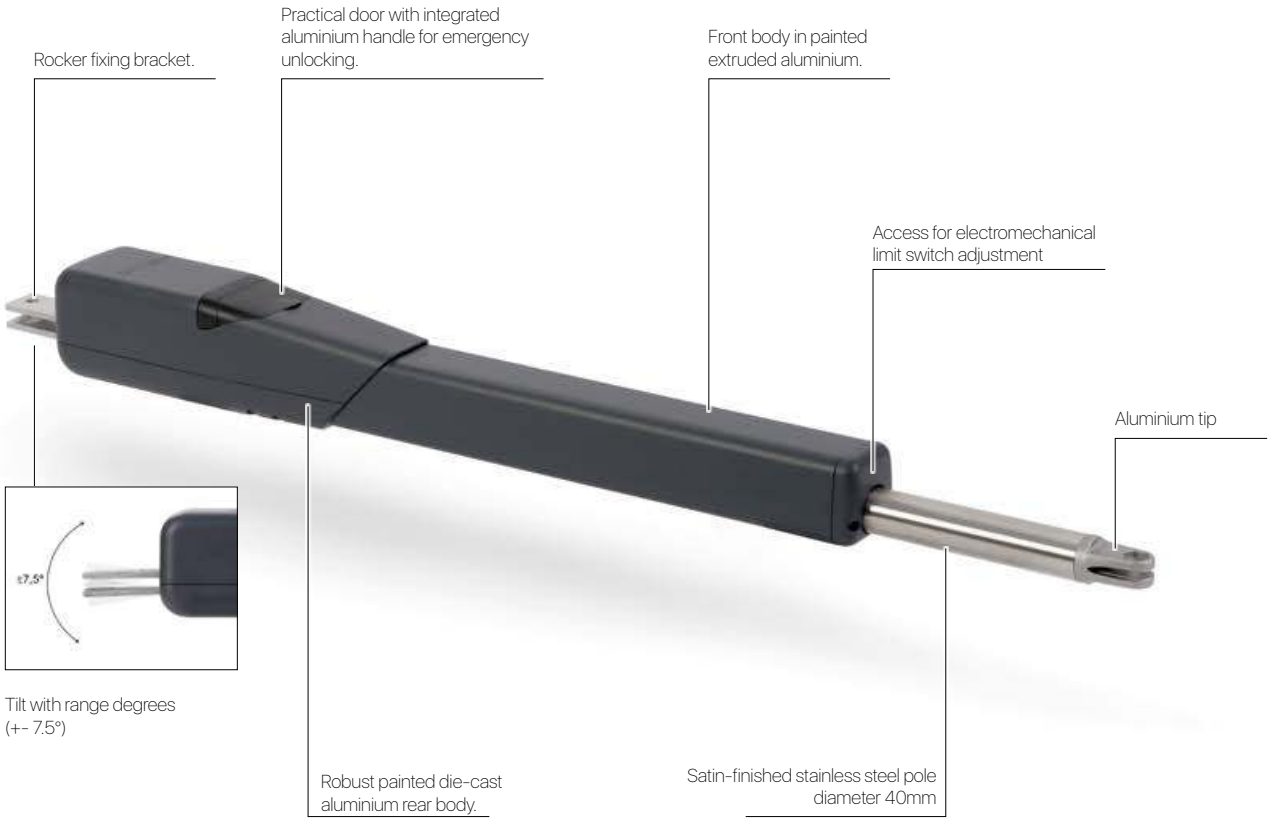
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AUTOMATION





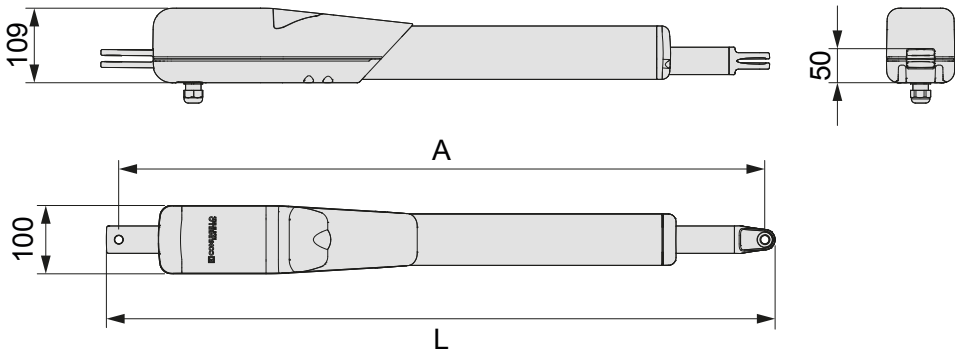
HYRON

Electromechanical actuator with telescopic piston for swing gates



100% TESTED

Every single product is regularly tested at the end of the assembly line

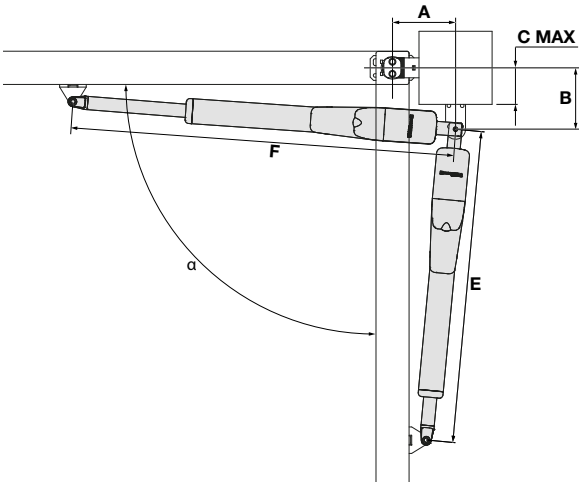


	HYRON 220	HYRON 300	HYRON 500
A	885	885	985
L	918	918	1018

Ambidestro



Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box



Aluminium and bronze **self-lubricating gears** that ensure high wear resistance.

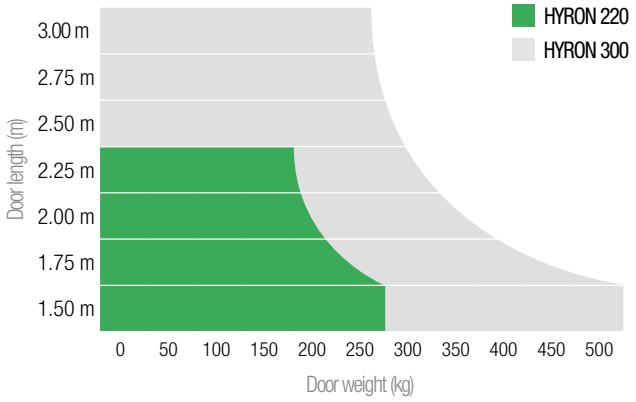
The stainless steel stem and the die-cast aluminium front fixture guarantee reliability and durability over time.

Axial motor screwed to the body.

Removable lower **terminal block** with enlarged cable gland.

Version with electronic limit switches to easily adjust the travel of the door.

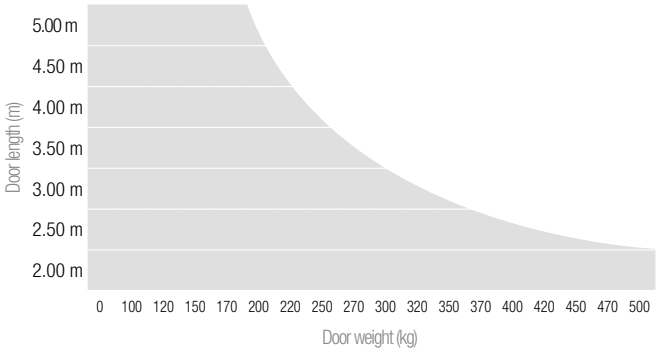
HYRON 220/300 USAGE LIMITS



DOOR OPENING (α)	A	B	E	F	C	
90°	270	120	920	1285	25	
	130	130	1030	1285	35	
	150	130	1010	1285	35	
	130	130	1020	1310	60	* Fixed at 90°
	150	220	910	1290	125	
	120	270	885	1290	170	
	120	270	905	1300	200	* Fixed at 90°
105°	180	160	910	1290	65	
120°	180	130	910	1290	35	
	170	130	935	1310	60	* Fixed at 90°

* Fixed bracket included

HYRON 500 USAGE LIMITS



DOOR OPENING (α)	A	B	E	F	C	
90°	120	120	1250	1490	25	
	200	120	1080	1490	25	
	150	150	1190	1490	60	
	150	200	1140	1490	105	
	200	200	1090	1490	105	
	120	300	1040	1490	200	
	120	350	995	1490	255	
120°	200	130	1080	1490	35	
	200	148	995	1490	80	* Fixed at 90°

* Fixed bracket included

TECHNICAL FEATURES

Available with mechanical or electronic limit switches and in versions with encoders

	HYRON 220	HYRON 300		HYRON 500	
Motor power supply	24V	24V	230V ~ 50Hz	24V	230V ~ 50Hz
Power consumption	70 W	110 W	280W	110 W	280 W
Absorption	3 A	5 A	1.2 A	5 A	1.2 A
Electric motor	Permanent magnets	Permanent magnets	Asynchronous two-phase	Asynchronous two-phase	Asynchronous two-phase
Max Thrust	1500 N	2000 N	1800 N	2000 N	1800 N
Nominal Thrust	500 N	600 N	700 N	600 N	700 N
Starting capacitor	–	–	8 µF	–	8 µF
Stroke	400 mm	400 mm	400 mm	500 mm	500 mm
No load speed	18mm/s	22 mm/s	16mm/s	22mm/s	16mm/s
Opening time 90° *	up to 14s	up to 11.5s	up to 18s	up to 13.5s	up to 20s
Work intermittency	Intensive	Intensive	40%	Intensive	30%
Degree of protection	IP 44				
Insulation class	II	II	I	II	I
Operating temp.	from -20°C to + 50°C				
Max. gate mass	SEE GRAPHIC				
Mass	7 kg	7.8 kg	8.3 kg	8.8 kg	9.3 kg

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HYRON 220 - 300 - 500

Automation for swing gates

Telescopic actuators with 24VDC worm screw for hinged gates up to 2.2m long

			Max door length	Max weight door	Limit switch		
HYRON 220 24V E FM	GHN220X0LF000A	24 VDC	2.2	250	Mechanical	9.5 kg	60
HYRON 220 24V E FE	GHN220Y0LF000A	24 VDC	2.2	250	Electronics	10 kg	60

Telescopic actuators with 24VDC worm screw and 230 for swing-leaf gates up to 3m long

			Max door length	Max weight door	Limit switch		
HYRON 300 24V E FM	GHN300X0LF000A	24 VDC	3	500	Mechanical	10 kg	60
HYRON 300 24V E FE	GHN300Y0LF000A	24 VDC	3	500	Electronics	10.5 kg	60
HYRON 300 230V E FM	GHN300X0HF000A	230V	3	500	Mechanical	10.5 kg	60
HYRON 300 230V E FE	GHN300Y0HF000A	230V	3	500	Electronics	11 kg	60

Telescopic actuators with 24VDC worm screw and 230 for swing-leaf gates up to 5m long

			Max door length	Max weight door	Limit switch		
HYRON 500 24V E FM	GHN500X0LF000A	24 VDC	5	500	Mechanical	11 kg	60
HYRON 500 24V E FE	GHN500Y0LF000A	24 VDC	5	500	Electronics	11.5 kg	60
HYRON 500 230V E FM	GHN500X0HF000A	230V	5	500	Mechanical	11.5 kg	60
HYRON 500 230V E FE	GHN500Y0HF000A	230V	5	500	Electronics	12 kg	60

Accessories included



HYRON complementary accessories

	**AC-62**	HYRON galvanised adjustable brackets	GHN001SRN0Z00A	6	1 kg

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

KIT HYRON 24V

Automation for swing gates with mechanical limit switch plus encoder





2 HYRON



1 QUAD 24V HP
With receiver
GQUADHP2L0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR
PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with telescopic worm gear actuators, 24 VDC, for swing gates up to 5m long

HYRON 220 24V FM HP FULL KIT	•		•	Quad 24HP	GKHN22MHLF900A	21.5 kg	15
HYRON 220 24V FE HP FULL KIT		•	•	Quad 24HP	GKHN22EHLF900A	21.5 kg	15
HYRON 300 24V FM HP FULL KIT	•		•	Quad 24HP	GKHN30MHLF900A	20 kg	15
HYRON 300 24V FE HP FULL KIT		•	•	Quad 24HP	GKHN30EHLF900A	20 kg	15
HYRON 500 24V FM HP FULL KIT	•		•	Quad 24HP	GKHN50MHLF900A	22 kg	15
HYRON 500 24V FE HP FULL KIT		•	•	Quad 24HP	GKHN50EHLF900A	22 kg	15

FM = Mechanical Limit Switch **E** = Encoder

KIT HYRON 230V



2 HYRON



1 QUAD 230V HP
With receiver
GQUADHP2H0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR
PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with telescopic worm gear actuators, 230 VAC, for swing gates up to 5m long

HYRON 300 230V FM HP FULL KIT	•		•	Quad 230HP	GKHN30MHHF900A	21 kg	15
HYRON 300 230V FE HP FULL KIT		•	•	Quad 230HP	GKHN30EHHF900A	21 kg	15
HYRON 500 230V FM HP FULL KIT	•		•	Quad 230HP	GKHN50MHHF900A	23 kg	15
HYRON 500 230V FE HP FULL KIT		•	•	Quad 230HP	GKHN50EHHF900A	23 kg	15

FM = Mechanical Limit Switch **E** = Encoder

Accessories included in the kit:



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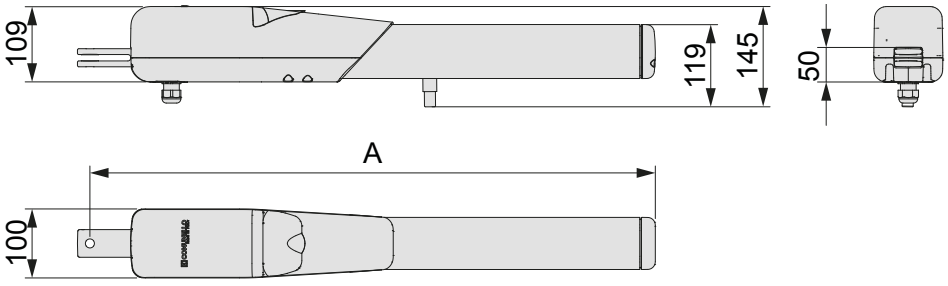
SKY

Electromechanical actuator for swing gates



100% TESTED

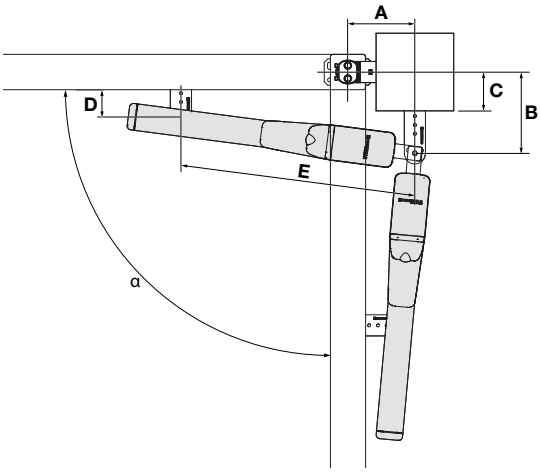
Every single product is regularly tested at the end of the assembly line



	SKY 220	SKY 300	SKY 500
A	813	813	916

Ambidestro





Aluminium and bronze **self-lubricating gears** that ensure high wear resistance.

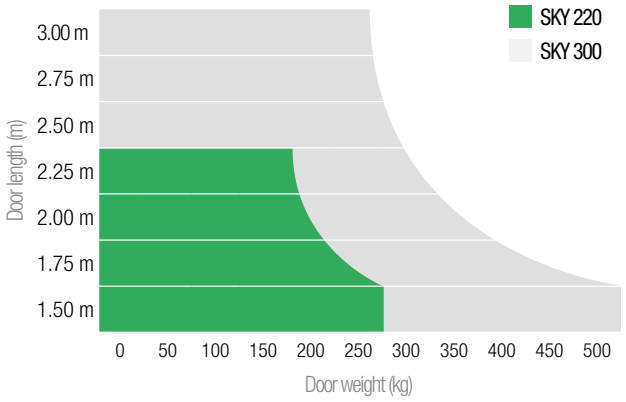
Mechanical screw that facilitates movement even when fully loaded

Bevel gears for smooth and silent movements

Micro-adjustment thanks to mechanical opening and closing stops attached to the collar worm screw

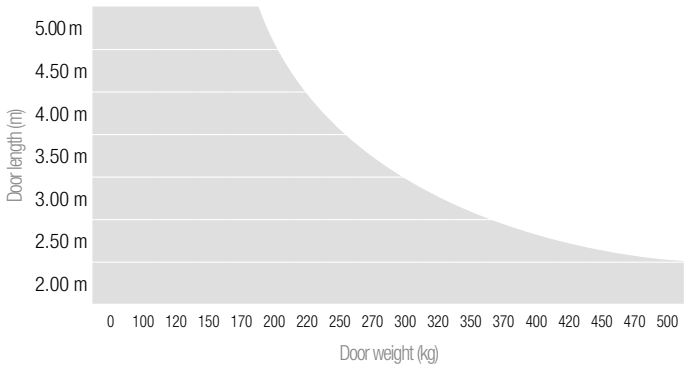
Version with electronic limit switches to easily adjust the travel of the door

SKY 220/300 USAGE LIMITS



DOOR OPENING (α)	A	B	E	C	D
90°	100	170	745	25	80
	110	110	745	50	80
	120	120	745	40	80
	130	130	740	20	100
	130	200	745	100	100
	150	200	745	50	100
	130	220	745	75	100
	130	220	745	150	100
100°	120	120	745	25	80
	170	150	740	50	100
	190	130	745	120	90
110°	150	130	745	35	85
	150	150	745	60	90
	170	130	745	35	90

SKY 500 USAGE LIMITS



DOOR OPENING (α)	A	B	E	C	D	ACCESSORIES
90°	150	200	845	50	100	
	150	250	845	150	100	
	100	150	840	0	75	
	130	200	840	50	95	
	150	250	845	170	125	AC 85
	150	300	845	200	125	AC 85
	120	200	845	100	100	
115°	150	150	845	0	100	
	180	180	845	100	100	

TECHNICAL FEATURES

Available with mechanical or electronic limit switches and in versions with encoders

	SKY 220	SKY 300		SKY 500	
Motor power supply	24V	24V	230V ~ 50Hz	24V	230V ~ 50Hz
Power consumption	70 W	110 W	280W	110 W	280 W
Absorption	3 A	5 A	1.2 A	5 A	1.2 A
Electric motor	Permanent magnets	Permanent magnets	Asynchronous two-phase	Asynchronous two-phase	Asynchronous two-phase
Max Thrust	1500 N	2000 N	2000 N	2000 N	2000 N
Nominal Thrust	500 N	600 N	700 N	600 N	700 N
Starting capacitor	–	–	8 µF	–	8 µF
Stroke	360 mm	360 mm	360 mm	460 mm	460 mm
No load speed	18mm/s	22 mm/s	16mm/s	22mm/s	16mm/s
Opening time 90° *	up to 14s	up to 11.5s	up to 18s	up to 13.5s	up to 20s
Work intermittency	Intensive	Intensive	50%	Intensive	50%
Degree of protection	IP 44				
Insulation class	II	II	I	II	I
Operating temp.	from -20°C to + 50°C				
Max. gate mass	SEE GRAPHIC				
Mass	7 kg	7.8 kg	8.3 kg	8.8 kg	9.3 kg

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SKY 220 - 300 - 500

Automation for swing gates

24VDC worm screw actuators for swing gates up to 2.2m length

			Max door length	Max door weight	Limit switch		
SKY 220 24V E FM	GSY220X0LF000A	24 VDC	2.2	250	Mechanical	8 kg	60
SKY 220 24V E FE	GSY220Y0LF000A	24 VDC	2.2	250	Electronics	8.5 kg	60

24VDC and 230VDC worm screw actuators for swing gates up to 3m length

			Max door length	Max door weight	Limit switch		
SKY 300 24V E FM	GSY300X0LF000A	24 VDC	3	500	Mechanical	8.5 kg	60
SKY 300 24V E FE	GSY300Y0LF000A	24 VDC	3	500	Electronics	9 kg	60
SKY 300 230V E FM	GSY300X0HF000A	230V	3	500	Mechanical	9 kg	60
SKY 300 230V E FE	GSY300Y0HF000A	230V	3	500	Electronics	9.5 kg	60

24VDC and 230VDC worm screw actuators for swing gates up to 5m length

			Max door length	Max door weight	Limit switch		
SKY 500 24V E FM	GSY500X0LF000A	24 VDC	5	500	Mechanical	9.5 kg	60
SKY 500 24V E FE	GSY500Y0LF000A	24 VDC	5	500	Electronics	10 kg	60
SKY 500 230V E FM	GSY500X0HF000A	230V	5	500	Mechanical	10 kg	60
SKY 500 230V E FE	GSY500Y0HF000A	230V	5	500	Electronics	10.5 kg	60

Accessories included



SKY complementary accessories

	**AC-61**	SKY galvanised adjustable brackets	GSY001SRN0Z00A	6	1kg
	**AC-80**	Long galvanised weld-on rear bracket	GAS003ASN0G00	2	1.75kg
	**AC-85**	Galvanised adjustable front bracket	GAS004ASN0G00	1	0.9kg

KIT SKY 24V

Automation for swing gates with mechanical limit switch plus encoder





2 SKY



1 QUAD 24V HP
With receiver
GQUADHP2L0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR
PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with worm gear actuators, 24 VDC, for swing gates up to 5m long

SKY 220 24V FM HP FULL KIT	•		•	Quad 24HP	GKSY22MHLF900A	18.5 kg	15
SKY 220 24V FE HP FULL KIT		•	•	Quad 24HP	GKSY22EHLF900A	18.5 kg	15
SKY 300 24V FM HP FULL KIT	•		•	Quad 24HP	GKSY30MHLF900A	17 kg	15
SKY 300 24V FE HP FULL KIT		•	•	Quad 24HP	GKSY30EHLF900A	17 kg	15
SKY 500 24V FM HP FULL KIT	•		•	Quad 24HP	GKSY50MHLF900A	19 kg	15
SKY 500 24V FE HP FULL KIT		•	•	Quad 24HP	GKSY50EHLF900A	19 kg	15

FM = Mechanical Limit Switch **E** = Encoder

KIT SKY 230V



2 SKY



1 QUAD 230V HP
With receiver
GQUADHP2H0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR
PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with worm gear actuators, 230 VAC, for swing gates up to 5m long

SKY 300 230V FM HP FULL KIT	•		•	Quad 230HP	GKSY30MHHF900A	18 kg	15
SKY 300 230V FE HP FULL KIT		•	•	Quad 230HP	GKSY30EHHF900A	18 kg	15
SKY 500 230V FM HP FULL KIT	•		•	Quad 230HP	GKSY50MHHF900A	20 kg	15
SKY 500 230V FE HP FULL KIT		•	•	Quad 230HP	GKSY50EHHF900A	20 kg	15

FM = Mechanical Limit Switch **E** = Encoder

Accessories included in the kit:



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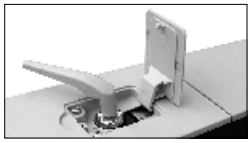
ABACUS

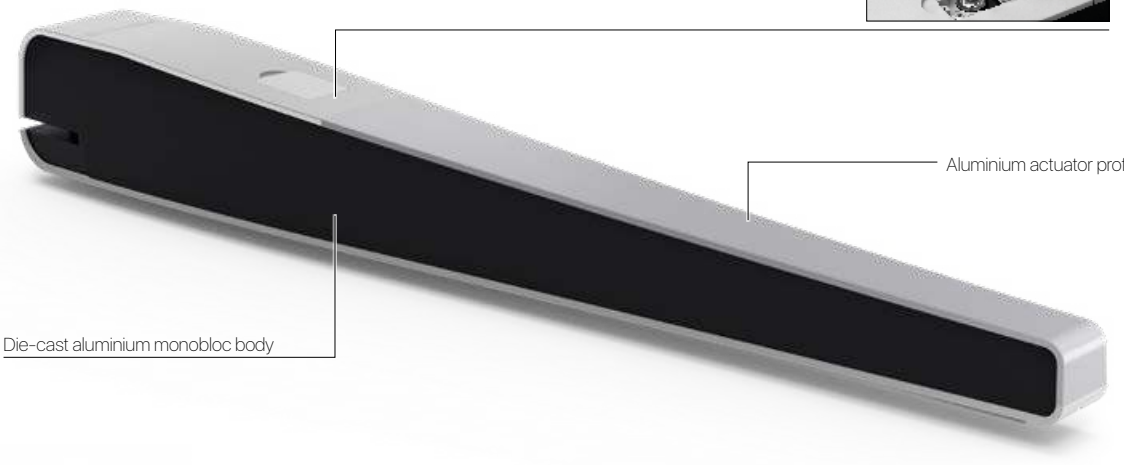
Technical features

100% TESTED

Every single product is regularly tested at the end of the assembly line

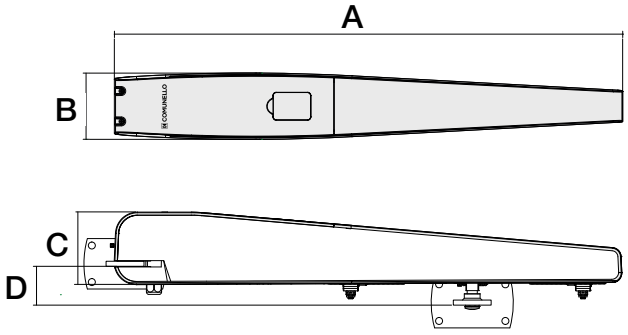
Manual emergency release with aluminium handle



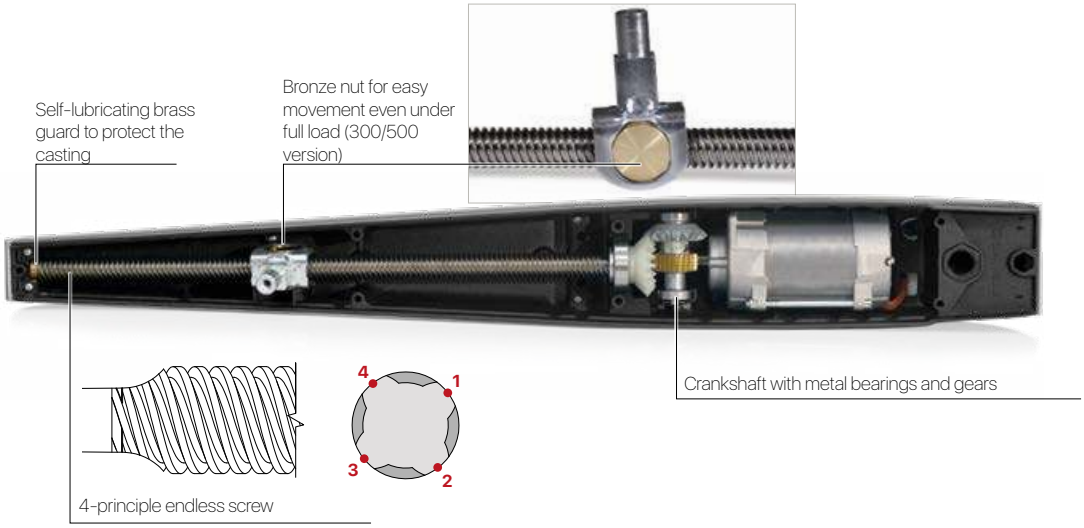




Available in Total Black version
(Upon request)



	ABACUS 220	ABACUS 300	ABACUS 500
A	765	805	955
B	95	105	105
C	95	115	115
D	61,3	61,5	61,5







TECHNICAL FEATURES

Available with mechanical or electronic limit switches and in versions with encoders

	ABACUS 220 24V	ABACUS 220 230V	ABACUS 300 24V	ABACUS 300 230V	ABACUS 500 24V	ABACUS 500 230V
Voltage	24 VDC	230 VAC	24 VDC	230 VAC	24 VDC	230 VAC
Power consumption	70 W	180 W	110 W	280 W	110 W	280 W
Max absorption	3 A	0.8 A	5 A	1.2 A	5 A	1.2 A
Maximum thrust	1500 N	1400 N	1800 N	2000 N	1800 N	2000 N
Max stroke	296 mm	296 mm	296 mm	296 mm	446 mm	446 mm
Work intermittency	Intensive use	50%	Intensive use	50%	Intensive use	50%
Protection class (IP)	IP44	IP44	IP44	IP44	IP44	IP44
Insulation class	2	1 (earthing)	2	1 (earthing)	2	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
No load speed	18 mm/s	16 mm/s	21 mm/s	16 mm/s	21 mm/s	16 mm/s
Weight	8 kg	8.6 kg	10.1 kg	10.7 kg	10.7 kg	11.2 kg

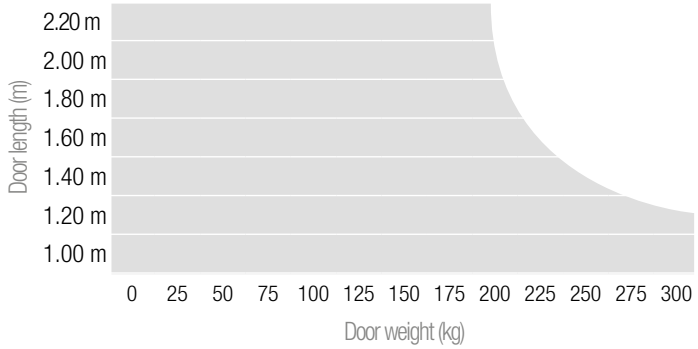
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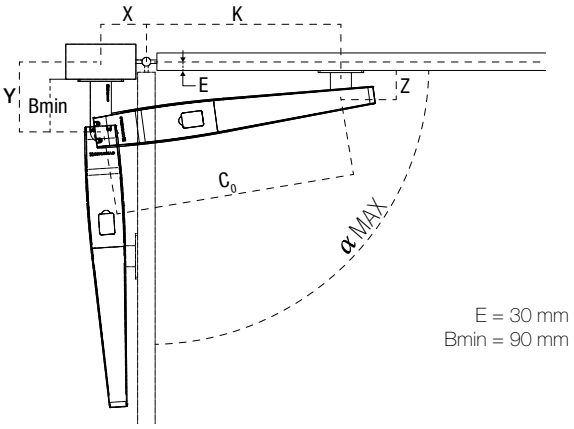
ABACUS

Technical features



CONDOR ABACUS 220 **USAGE LIMITS**





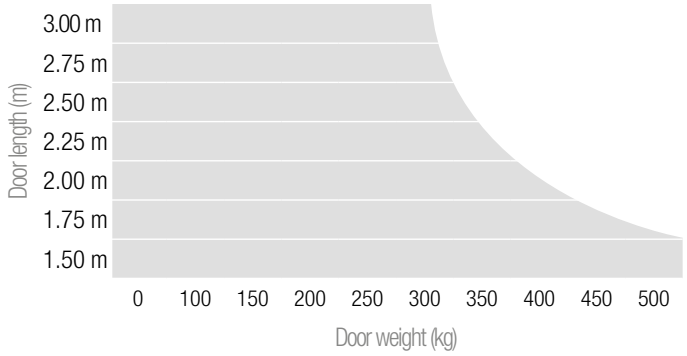
E = 30 mm
Bmin = 90 mm

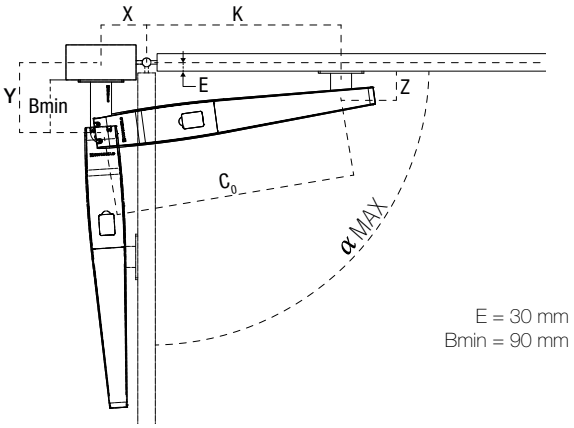
AS220

X / Y	80		100		120		140		160		180		200	
	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0
100	568 98°	55 648,5	548 107°	60 648,5	528 115°	65 648,5	508 118°	75 648,5	488 103°	85 648,5	468 95°	95 648,5	448 90°	110 648,5
120	567 97°	60 649	549 105°	65 649	529 112°	75 649	509 106°	85 649	489 96°	90 649	469 90°	105 649		
140	566 96°	65 649	546 104°	70 649	526 110°	80 649	506 95°	90 649	488 89°	100 649				
160	564 95°	70 649	546 102°	75 649	527 95°	85 649	508 88°	95 649						
180	564 95°	75 649	544 96°	85 649	526 87°	95 649								

AC 80
AC 85

CONDOR **ABACUS 300** USAGE LIMITS





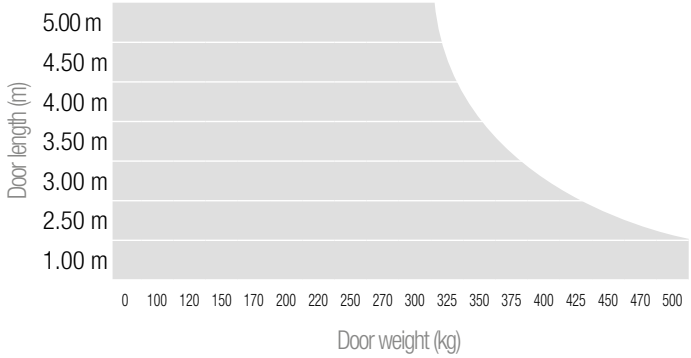
E = 30 mm
Bmin = 90 mm

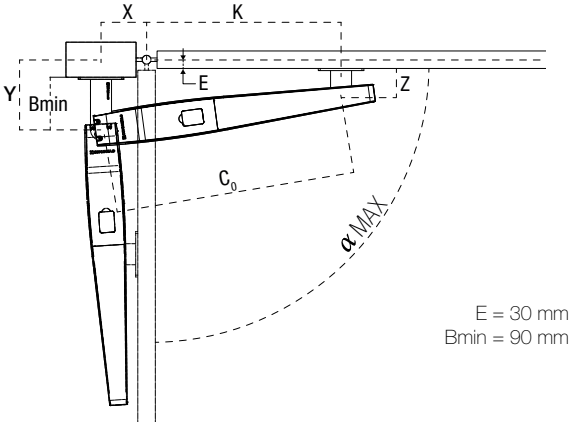
AS300

X	80		100		120		140		160		180		200	
Y	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0
120	608 95°	75 688	588 104°	70 688	568 110°	70 688	548 105°	75 688	528 95°	85 688	508 90°	102,5 688		
140	607 95°	65 688	586 105°	65 688	567 110°	75 688	547 96°	80 688	529 90°	90 688				
160	605 94°	70 688	584 100°	75 688	566 95°	80 688								
180	600 89°	75 685	580 90°	80 680										
200	600 90°	80 685												

AC 80

CONDOR **ABACUS 500** USAGE LIMITS





E = 30 mm
Bmin = 90 mm

AS500

X	80		100		120		140		160		180		200		220		240		260	
Y	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0	K α_{max}	Z C_0
120	757 94°	60 837	737 102°	60 837	717 110°	65 837	698 116°	70 838	678 123°	80 838	658 128°	90 838	638 132°	100 838			598 112°	125 837	577 105°	135 837
140	756 94°	65 836	736 102°	60 836	716 108°	75 836	696 115°	80 836	676 120°	85 836	656 125°	90 836	636 129°	102,5 836			596 107°	125 836	576 101°	140 836
160	756 93°	65 836	736 100°	70 836	716 106°	80 836	696 112°	90 836	676 118°	95 836	656 112°	102,5 836					596 101°	135 836	576 96°	145 836
180	753 93°	70 838	733 99°	75 838	713 104°	80 838	693 110°	90 838	673 115°	95 838	653 119°	102,5 838	633 109°	115 838	613 100°	125 838	593 95°	140 838		
200	756 93°	75 838	736 98°	80 838	716 104°	90 838	696 108°	102,5 838	676 113°	110 838	656 117°	120 838	637 103°	130 838	617 97°	140 838				
220	748 93°	80 837	728 98°	90 837	708 102°	100 837	688 107°	110 838	673 111°	115 838	653 115°	120 838	633 95°	130 838	613 90°	140 835				
240	748 93°	85 838	728 98°	95 838	709 102°	100 837	692 106°	110 838	672 108°	120 838	654 97°	130 838	635 90°	140 838	615 89°	145 838				

AC 85
AC 80
AC 80 + AC 85

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ABACUS 220 - 300 - 500

Automation for swing gates 24 VDC and 230 VAC

24VDC and 230VDC worm screw actuators for swing gates up to 2.2m length

			Max door length *					
ABACUS 220	24 VDC	GAS220MEL0B00	2.2 m	•		•	8 kg	56
ABACUS 220	24 VDC	GAS220EEL0B00	2.2 m		•	•	8 kg	56
ABACUS 220	230 VAC	GAS220MEH0B00	2.2 m	•		•	8.6 kg	56
ABACUS 220 TOTAL BLACK*	24 VDC	GAS220MEL0T00	2.2 m	•		•	8 kg	56
ABACUS 220 TOTAL BLACK*	230 VAC	GAS220MEH0T00	2.2 m	•		•	8.6 kg	56

24VDC and 230VDC worm screw actuators for swing gates up to 3m length

			Max door length *					
ABACUS 300	24 VDC	GAS300MEL0B00	3.0 m	•		•	10.1 kg	56
ABACUS 300	24 VDC	GAS300EEL0B00	3.0 m		•	•	10.1 kg	56
ABACUS 300	230 VAC	GAS300MEH0B00	3.0 m	•		•	10.7 kg	56
ABACUS 300 TOTAL BLACK*	24 VDC	GAS300MEL0T00	3.0 m	•		•	10.1 kg	56
ABACUS 300 TOTAL BLACK*	230 VAC	GAS300MEH0T00	3.0 m	•		•	10.7 kg	56

24VDC and 230VDC worm screw actuators for swing gates up to 5m length

			Max door length *					
ABACUS 500	24 VDC	GAS500MEL0B00	5.0 m	•		•	10.7 kg	42
ABACUS 500	24 VDC	GAS500EEL0B00	5.0 m		•	•	10.7 kg	42
ABACUS 500	230 VAC	GAS500MEH0B00	5.0 m	•		•	11.2 kg	42
ABACUS 500 TOTAL BLACK*	24 VDC	GAS500M0L0T00	5.0 m	•		•	10.7 kg	56
ABACUS 500 TOTAL BLACK*	230 VAC	GAS500MEH0T00	5.0 m	•		•	11.2 kg	56

***TOTAL BLACK on demand**

Supplementary accessories

	**AC-60**	Screw-on galvanised adjustable rear bracket	GAS001ASN0G00	6	1 kg
	**AC-63**	Abacus galvanised adjustable brackets	GAS001SRN0G00A	6	1 kg
	**AC-70**	Screw-on galvanised rear bracket	GAS002ASN0G00	2	0.95 kg
	**AC-80**	Long galvanised weld-on rear bracket	GAS003ASN0G00	2	1.75 kg
	**AC-85**	Galvanised adjustable front bracket	GAS004ASN0G00	1	0.9 kg

KIT ABACUS 24V



Automation for 24 VDC swing gates – electronic limit switch plus encoder



2 ABACUS



1 QUAD 24V HP
With receiver
GQUADHP2L0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

ABACUS 220 FM+E KIT	•	•	Quad 24HP	GKAS220MLB908	22 kg	16
ABACUS 300 FM+E KIT	•	•	Quad 24HP	GKAS300MLB908	26.2 kg	16
ABACUS 500 FM+E KIT	•	•	Quad 24HP	GKAS500MLB900	26.2 kg	9

FM = Mechanical Limit Switch **E** = Encoder
TOTAL BLACK version on demand

KIT ABACUS 230V

230 VAC Automation for swing gates – electronic limit switch plus encoder



2 ABACUS



1 QUAD 230V HP
With receiver
GQUADHP2H0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

ABACUS 220 FM+E KIT	•	•	Quad 230V HP	GKAS220MEH900	22.2 kg	16
ABACUS 300 FM+E KIT	•	•	Quad 230V HP	GKAS300MEH900	26.4 kg	16
ABACUS 500 FM+E KIT	•	•	Quad 230V HP	GKAS500MEH900	26.4 kg	9

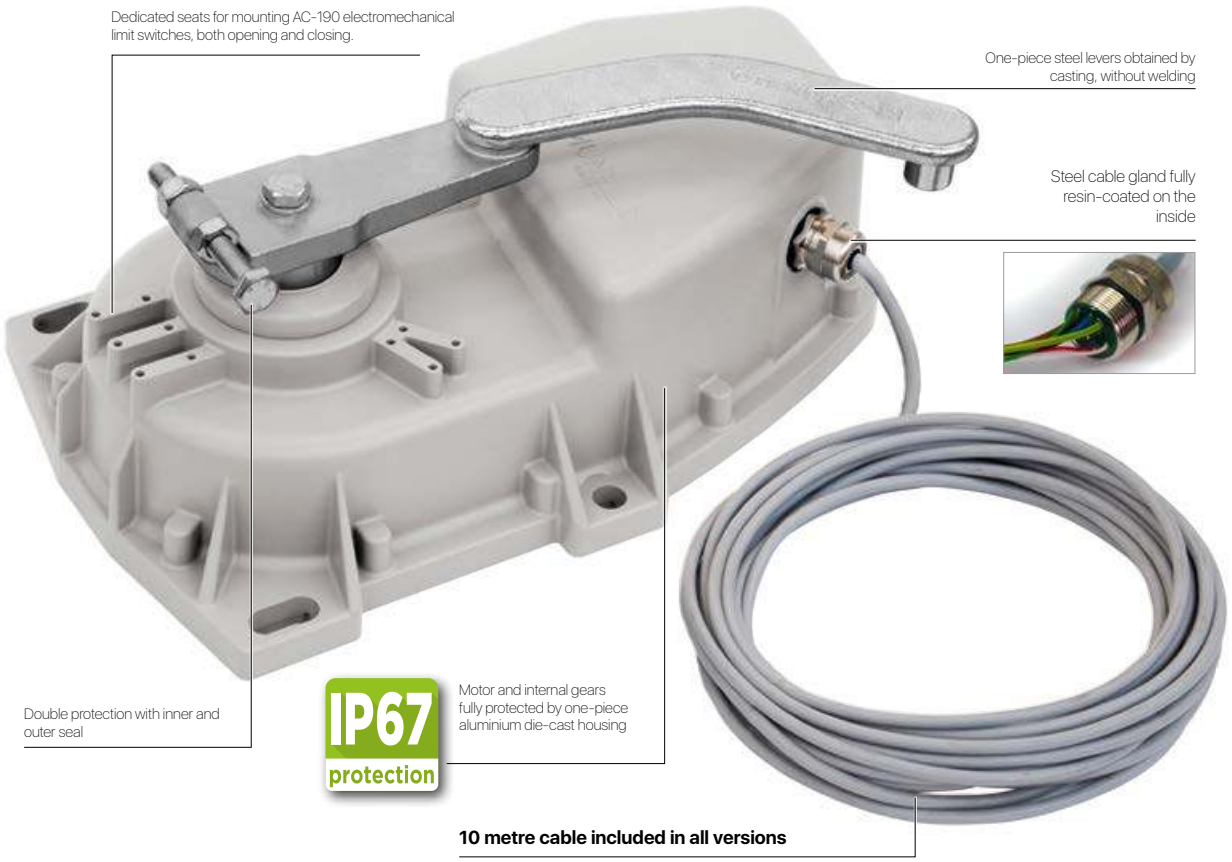
FM = Mechanical Limit Switch **E** = Encoder
TOTAL BLACK version on demand

Accessories included in the kit:



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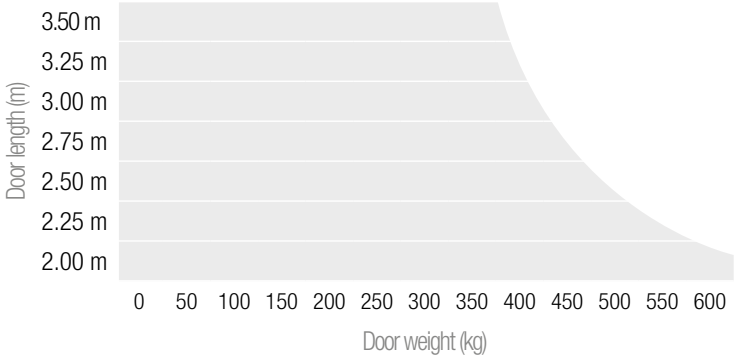
EAGLE Technical features



MAIN FEATURES

Performance: Tested for mechanical performance and lubrication, and guaranteed even at low temperatures
Speed: Adjustable nominal and deceleration speeds
Obstacle detection: Obstacle detection with power consumption or with encoder
Protection: IP67 protection tested and guaranteed thanks to the particularly effective seal between the 2 shells. STAINLESS steel screws.
Versatility: Eagle is compatible with the main foundation boxes on the market

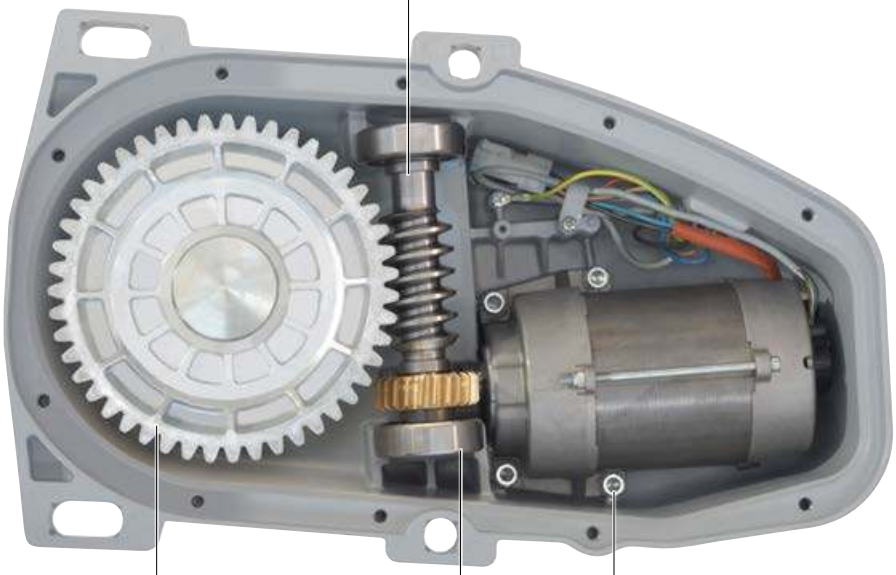
USAGE LIMITS



100% TESTED

Every single product is regularly tested at the end of the assembly line

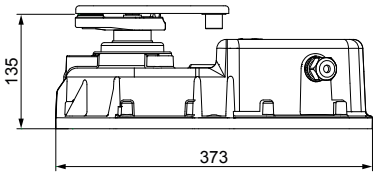
Gear lubrication with Arctic grease

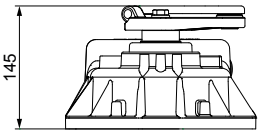


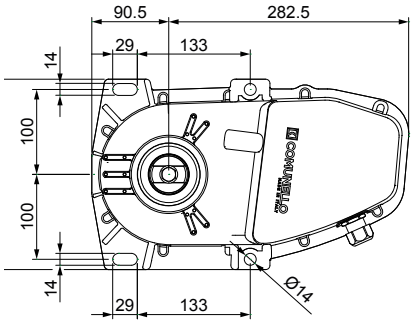
High-strength and elastic toothed wheel

Gearbox with steel and bronze bearings and gears
Special bearings suitable for low temperatures

The motor is attached to the aluminium shell with 4 screws. This ensures a better and more stable coupling between the crankshaft and bronze gear, eliminating vibrations and ensuring quieter operation.







TECHNICAL FEATURES

	EAGLE 350	ENCODER EAGLE 350	EAGLE 350	ENCODER EAGLE 350
Motor power supply	24V	24V	230V ~ 50Hz	230V ~ 50Hz
Power consumption	150 W	150 W	280 W	280 W
Max absorption	6.5 A	6.5 A	1.2 A	1.2 A
Pair	220 Nm	220 Nm	300 Nm	300 Nm
Work intermittency	Intensive use	Intensive use	50%	50%
Protection class (IP)	IP67	IP67	IP67	IP67
Insulation class	3 (selv)	3 (selv)	1 (earthing)	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Open time 90°	~ 12 sec (adjustable)	~ 12 sec (adjustable)	~ 19 sec	~ 19 sec
Weight	11.3 kg	11.3 kg	11.6 kg	11.6 kg

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EAGLE

Automation for swing gates 24 VDC and 230 VAC

24 VDC underground actuators for swing gates up to 3.5m length

EAGLE 350	24 VDC	GEE03500L1G00A		•	13.2 kg	60
Encoder EAGLE 350	24 VDC	GEE0350EL1G00A	•	•	12.7 kg	60

= Encoder

Accessories included:



230 VAC underground actuators for swing gates up to 3.5m length

EAGLE 350	230 VAC	GEE03500H1G00A		•	13.5 kg	60
Encoder EAGLE 350	230 VAC	GEE0350EH1G00A	•	•	13.4 kg	60

= Encoder

Accessories included:



KIT EAGLE 24V

24 VDC Automation for swing gates





2 EAGLE engines
With Encoder
10 m cable included



1 QUAD 24V HP
With receiver
GQUADHP2L0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with underground actuator for swing gates, 24VDC, door up to 3.5m

EAGLE 350 ENCODER KIT	GKEE035EL0900A	Quad 24HP	•	28 kg	12

Version with 10m cable included

KIT EAGLE 230V

230 VAC automation for swing gates



2 EAGLE engines
With Encoder
10 m cable included



1 QUAD 230V HP
With receiver
GQUADHP2H0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

Complete kits with underground actuator for swing gates, 230VAC, door up to 3.5m

EAGLE 350 ENCODER KIT	GKEE035EH0900A	Quad 230HP	•	28 kg	12

Version with 10m cable included

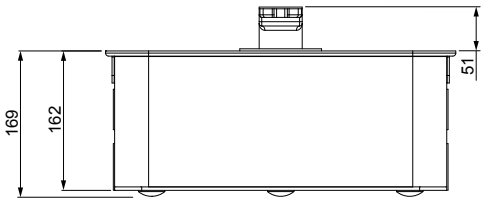
= Encoder

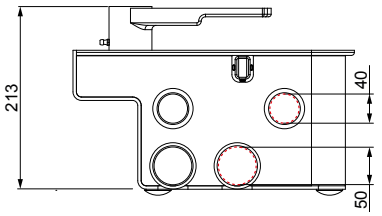
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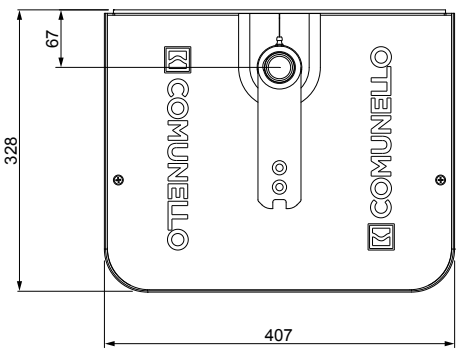
EAGLE BOX

Foundation box for EAGLE underground actuator









EAGLE BOX

	**EAGLE BOX**	Black cataphoresis foundation box unit with galvanised cover	GEE000BXN0B00	1	10.8 kg	36
	**EAGLE BOX-HG with 316L**	Hot-dip galvanized foundation case for increased corrosion resistance. Guaranteed minimum thickness of 60 microns as required by UNI EN ISO 1461. AISI 316L stainless steel lid	GEE000BXN0G00	1	10.8 kg	36
	**EAGLE BOX-INOX**	Stainless steel foundation box unit	GEE000BXNIS00	1	11.5 kg	36

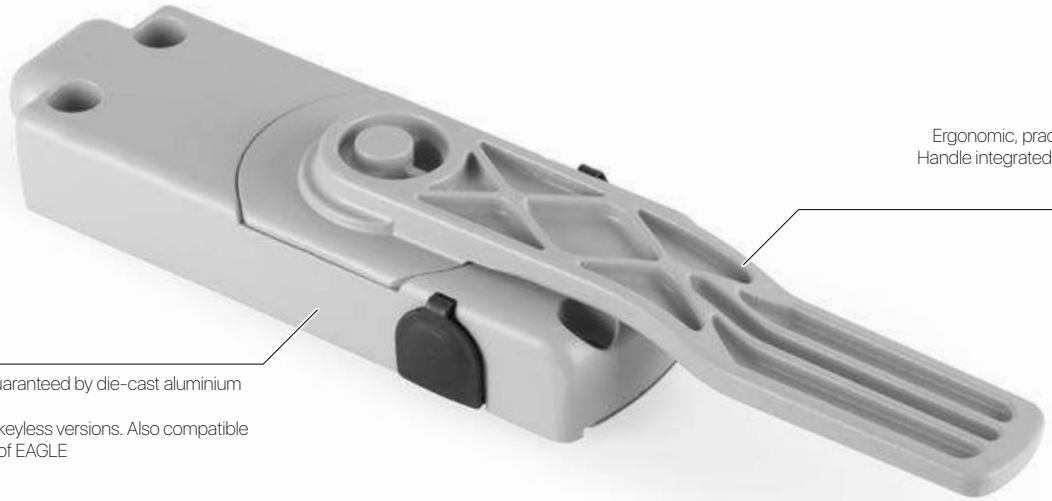
ACCESSORIES INCLUDED FOR ALL CASE VERSIONS



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AC-160 AC-161 AC-170

The built-in lever device makes manual release simple and easy.



Ergonomic, practical and space-saving:
Handle integrated in the unlocking device,
always available.

Strength and quality guaranteed by die-cast aluminium body and lever.
Available in keyed and keyless versions. Also compatible with previous versions of EAGLE

The shape and size of the handle ensure easy manual unlocking.



Unlocking lever

	**AC-160**	Manual release with cylinder and key	GEE002SBN0G00A	1	1.20 kg
	**AC-161**	2 x Manual release with cylinder and key with same coding	GKEE002SBN0G01A	1	1.20 kg
	**AC-170**	Manual release without cylinder	GEE003SBN0G00A	1	1.10 kg
	**AC-185**	180° opening kit	GEE360ASN0G01A	1	3.8 kg
	**AC-190**	External limit switch set	GEE001FIN0B00A	1	0.2 kg

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CONDOR 220/350

Technical features



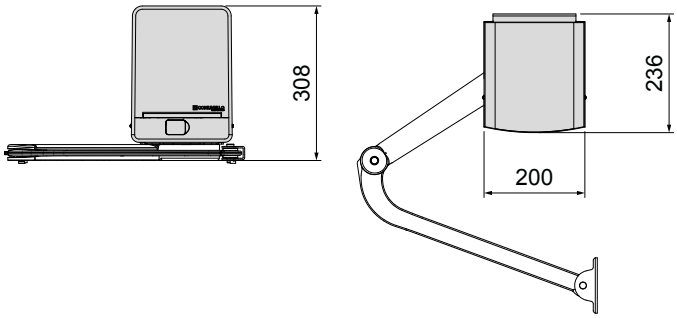
Die-cast aluminium motor support with easily accessible on-board power unit

Unlock for manual operation with aluminium key and handle

Die-cast alloy anti-shear arm

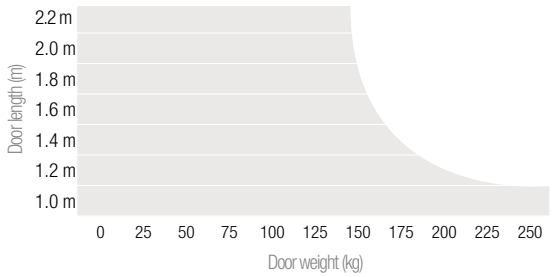
100% TESTED

Every single product is regularly tested at the end of the assembly line

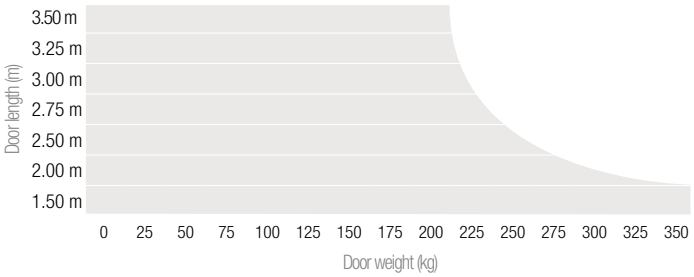


	CONDOR **220**	CONDOR **220**	CONDOR **350**
Power supply	230 ~ 50 Hz	230 ~ 50 Hz	230 ~ 50 Hz
Motor power supply	24V ⎓	230V ~	24V ⎓
Power consumption	110 W	280 W	150 W
Absorption	5 A	1.2 A	6.5 A
Pair	150 Nm	250 Nm	200 Nm
Work intermittency	intensive use	30%	intensive use
Degree of protection	IP 44	IP 44	IP 44
Insulation class	2	1 (earthing)	2
Operating temp.	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Speed	0.10 rad/s	0.10 rad/s	0.10 rad/s
Weight	10 kg	10 kg	10 kg

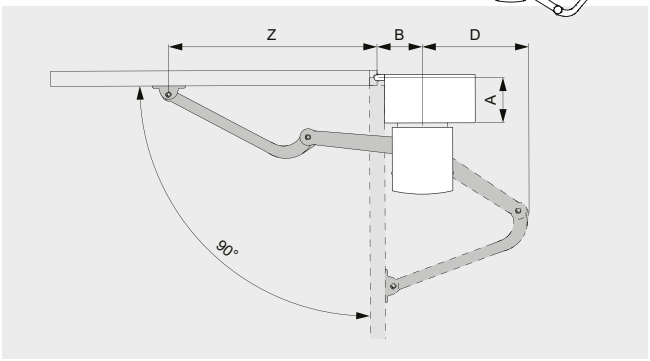
CONDOR 220 **USAGE LIMITS**



CONDOR 350 **USAGE LIMITS**



ARM IN STANDARD POSITION

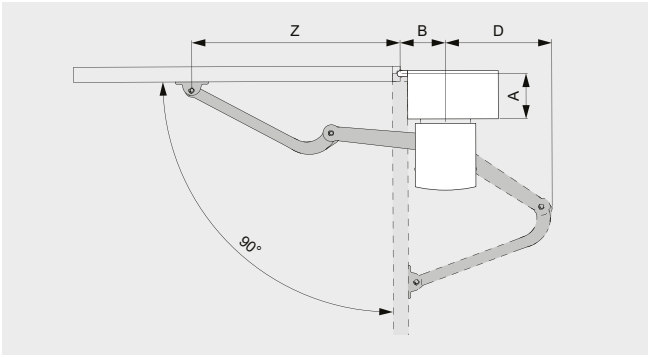


A (mm)	OPENING ANGLE	B (mm)	Z (mm)	D (mm)
0	90	145	670	296
	110	215	600	390
	120	400	425	396
50	90	145	650	327
	110	290	500	395
	120	405	405	396
75	90	145	635	342
	110	300	480	396
	120	400	400	395
100	90	145	630	352
	110	310	450	410
	120	400	390	341
125	90	145	610	365
	110	315	440	410
	120	365	410	385
150	90	145	590	381
	110	320	430	400
	120	355	400	400
175	90	145	570	386
	110	365	380	309
	120	375	365	293
200	90	145	550	394
	114	320	390	394
250	90	185	425	370
	101	250	430	395
300*	90	165	620	388
350*	90	165	600	395

Check that the mechanical stop can be effectively positioned as an opening limit switch.

* No closing limit switch

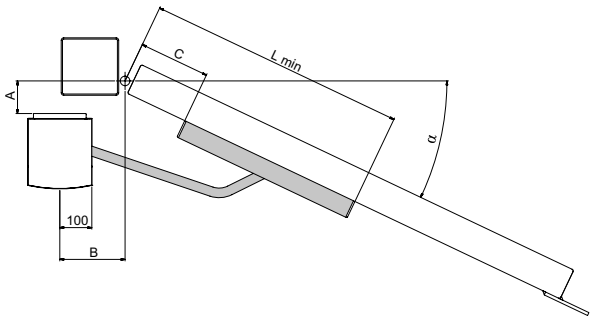
ARM IN EXTENDED POSITION (no closing limit switch)



A (mm)	OPENING ANGLE	B (mm)	Z (mm)	D (mm)
0	90	135	727	290
	100	175	687	358
	110	210	652	407
50	90	135	724	310
	100	180	679	377
	110	230	629	409
75	90	135	721	323
	100	190	666	383
	110	245	611	410
100	90	135	717	335
	100	190	662	383
	110	245	607	413
125	90	135	713	352
	100	200	648	395
	110	265	583	412
150	90	135	708	351
	100	200	643	393
	110	265	578	412
175	90	135	703	359
	100	205	633	401
	110	275	563	410
200	90	135	696	394
	100	210	621	394
	110	285	546	394
250	90	135	681	380
300	90	135	662	395
350	90	135	639	400

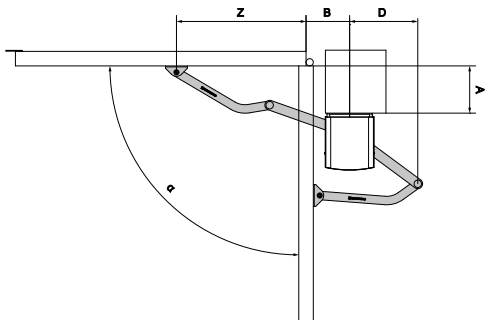
Check that the mechanical stop can be effectively positioned as an opening limit switch.

AC-108 – Slide arm



A	0			50			100			150			200		
B	C (mm)	LMIN (mm)	α (deg)	C (mm)	LMIN (mm)	α (deg)	C (mm)	LMIN (mm)	α (deg)	C (mm)	LMIN (mm)	α (deg)	C (mm)	LMIN (mm)	α (deg)
120	210	800	90	260	850	90	310	900	90	360	950	90	410	1000	90
140	215	805	94	265	855	93	315	905	93	370	960	92	415	1005	92
160	235	825	100	285	875	97	325	915	96	375	965	95	400	990	90
180	245	835	105	290	880	101	335	925	100	380	970	98			
200	260	850	110	300	890	105	350	940	105	345	935	90			
220	280	870	123	310	900	109	355	945	106	340	930	90			
240	300	890	128	335	925	113	355	945	105	340	930	92			
260	350	940	120	345	935	115	335	925	100	325	915	90			
280	330	920	120	325	915	110	315	905	97						
300	310	900	115	305	895	105	295	885	95						

AC-101 – Elongated articulated arm



B	A	Z	α	D
150	200	552	90	314
	250	535	90	323
	300	-	-	-
	350	-	-	-
200	200	502	96	326
	250	485	92	290
	300	464	92	250
	350	439	90	150
250	200	452	96	278
	250	435	96	246
	300	414	96	150
	350	-	-	-

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CONDOR 220

Automation for swing gates 24 VDC and 230 VAC

				Max door length *					
	**CONDOR 220**	24 VDC	GCR220MEL0000A	2.2 m	•	•	•	10 kg	45
	CONDOR 220-S/C	24 VDC	GCR220M1L0000A	2.2 m	•	•		10 kg	45
	CONDOR 220	230 VAC	GCR220MEH0000A	2.2 m	•	•	•	10 kg	45
	CONDOR 220-S/C	230 VAC	GCR220M1H0000A	2.2 m	•	•		10 kg	45

Accessories included:



CONDOR 350

24 VDC Automation for swing gates

				Max door length *					
	**CONDOR 350**	24 VDC	GCR350MEL0000A	3.5 m	•	•	•	12 kg	45
	CONDOR 350-S/C	24 VDC	GCR350M1L0000A	3.5 m	•	•		12 kg	45

Accessories included:



Accessories

	**AC-101**	Articulated arm for Condor 220/350, L=408 mm + 350mm	GCR004BAN0G00	1	2.9 kg
	**AC-108**	Slide arm for Condor 220/350, L=652.5 mm	GCR008BAN0B00	1	5.1 kg
	**AF-550**	Lock with control button	MP00M003H0000	1	0.58 kg

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

KIT CONDOR 24V

CONDOR 220 + 350 complete kit with articulated arm actuator for swing gates, 24 VDC





2 CONDOR 220 or 350
WITH ARM + 24V CU BOARD 2M + RECEIVER



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 220 FM+E KIT	•	•	CU 24V HP	GKCR220ML0900A	19.6 kg	16
CONDOR 350 FM+E KIT	•	•	CU 24V HP	GKCR350ML0900A	19.6 kg	16

FM = Mechanical limit switch **E** = Encoder – **Standard arm included**

KIT CONDOR 230V

CONDOR 220 + 350 complete kit with articulated arm actuator for swing gates, 230 VAC



2 CONDOR 220
WITH ARM + 230V 2M CU BOARD + RECEIVER



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 220 FM+E KIT	•	•	CU 230V HP	GKCR220MH0900A	19.6 kg	16

FM = Mechanical limit switch **E** = Encoder – **Standard arm included**

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CONDOR 500

Technical features

Unlock for manual operation with aluminium key and handle. Prepared for remote lanyard release.

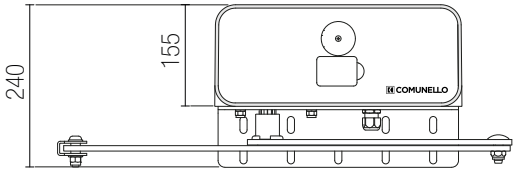
100% TESTED

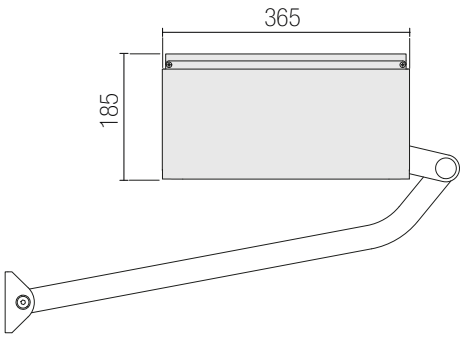
Every single product is regularly tested at the end of the assembly line

Galvanised steel anti-shear arm
Mechanical locking arms available

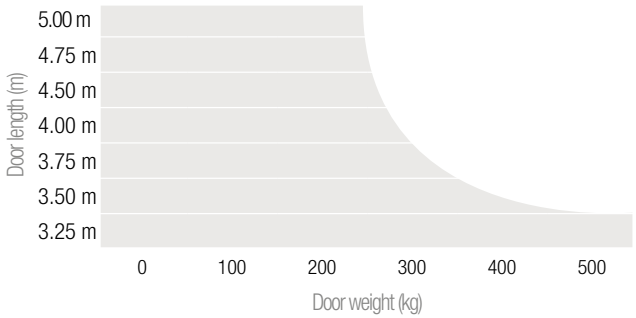


Galvanized steel actuator support bracket included

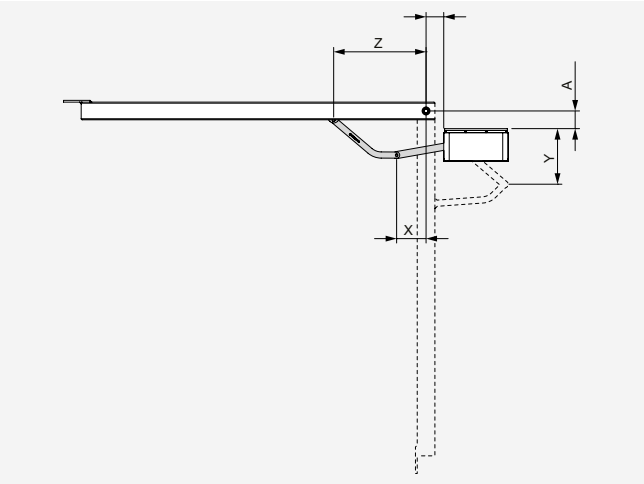


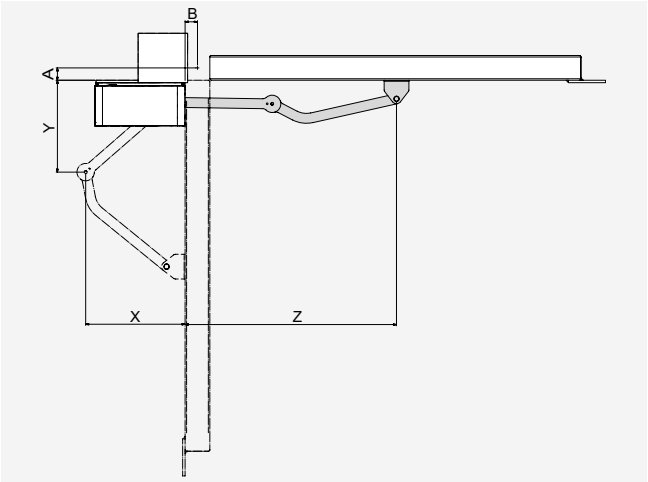


CONDOR 500 USAGE LIMITS



AC-100 – 102 – 103 – 104 – Ambidextrous arms in painted steel with block





AC-100

A	B	X	Y	Z
50	50	380	331	600
	100	487	253	550
100	50	409	297	593
	100	498	230	543
150	50	426	272	281
	100	504	216	531
200	50	440	247	566
	100	509	201	516
250	50	447	231	520
	100	509	200	497
300	50	455	213	520
	100	422	339	470

		AC-102			AC-103			AC-104		
A	B	X	Y	Z	X	Y	Z	X	Y	Z
50	50	354	270	637.5	402	372	854.5	276	676	776.1
	100	347	280	637.5	426	342	852.5	220	693	776.1
100	50	372	239	634.8	425	343	852.5	260	681	771.6
	100	365	252	634.8	423	345	852.5	183	700	771.6
150	50	387	202	628.5	448	309	847.8	236	688	764.1
	100	378	226	628.5	442	318	847.8	126	707	764.1
200	50	400	162	618.6	466	274	840.2	167	703	754.2
	100	390	194	618.6	458	291	840.2			
250	50	407	118	604.9	482	235	829.7			
	100	399	169	604.9	476	253	829.7			
300	50	404	35	587.2	494	197	816.6			
	100	406	127	587.2	488	216	816.6			
350	50	506	136	746						
	100	551	180	696						
400	50	507	67	726						
	100	557	131	676						

	CONDOR 500 24V	CONDOR 500 230V
Voltage	24 VDC	230 VAC 50 Hz
Power consumption	150 W	280 W
Max absorption	6.5 A	1.2 A
Maximum thrust	330 Nm	440 Nm
Work intermittency	Intensive use	50%
Protection class (IP)	IP44	IP44
Insulation class	2	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C
No load speed	0.15 rad/sec	0.1 rad/sec
Weight	12 kg	12 kg

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CONDOR 500

Automation for 24 VDC and 230 VAC swing gates – electronic limit switch plus encoder

24 VDC articulated arm actuators for swing gates up to 5m in length

				Max door length *					
	**CONDOR 500-S/C**	24 VDC	GCR500E1L0B00	5.0 m	•	•		12 kg	50

S/C = without control unit

230 VAC articulated arm actuators for swing gates up to 5m in length

				Max door length *					
	**CONDOR 500-S/C**	230 VAC	GCR500E1H0B00	5.0 m	•	•		11.3 kg	50

S/C = without control unit

Accessories included:



Accessories

	**AC-100**	Ambidextrous articulated arm for Condor 500, L=408 mm + 350 mm	GCR001BAN0G00	1	2.9 kg
	**AC-102**	Arm with Condor 500/500S block, L=385 mm + 330mm	GCR001BAN0B00	1	3.2 kg
	**AC-103**	Arm with block for Condor 500/500S - L=503 mm + 430mm	GCR002BAN0B00	1	3.7 kg
	**AC-104**	Arm with block for Condor 500/500S - L=238mm + 620mm	GCR003BAN0B00	1	4.0 kg
	**AF-550**	Lock with control button	MP00M003H0000	1	0.58 kg

KIT CONDOR 500 24V

Automation for swing gates – electronic limit switch plus encoder





2 CONDOR 500
WITH ARM + 24V CU BOARD 2M + RECEIVER



2 ARMS INCLUDED



1 QUAD 24V HP
With receiver
GQUADHP2L0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 500 FE+E KIT	•	•	Quad 24 V HP	GKCR500LLB903	26.4 kg	8

FE = Electronic Limit Switch **E** = Encoder – **Standard arm and bracket included**

KIT CONDOR 500 230V

Automation for swing gates – electronic limit switch plus encoder



2 CONDOR 500
WITH ARM + 230V 2M CU BOARD + RECEIVER



2 ARMS INCLUDED



1 QUAD 230V HP
With receiver
GQUADHP2H0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 500 FE+E KIT	•	•	Quad 230V HP	GKCR500EHB903	26.2 kg	8

FE = Electronic Limit Switch **E** = Encoder – **Standard arm and bracket included**

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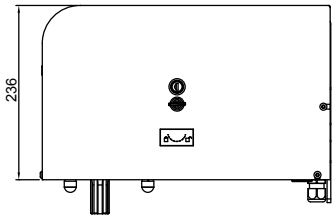
CONDOR 500 S

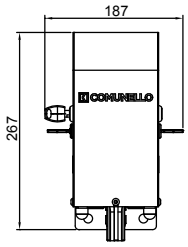
Technical features

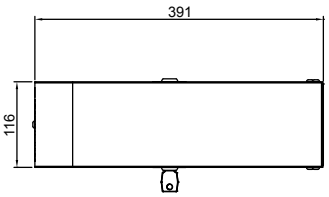
100% TESTED

Every single product is regularly tested at the end of the assembly line

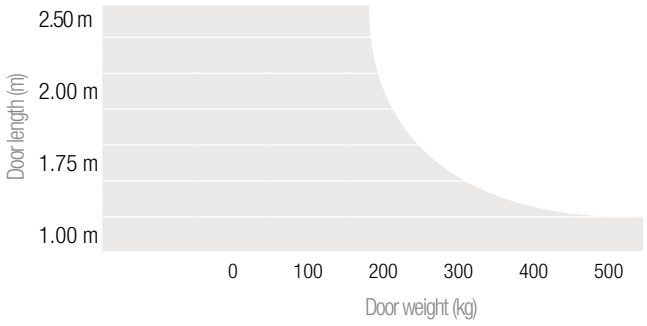


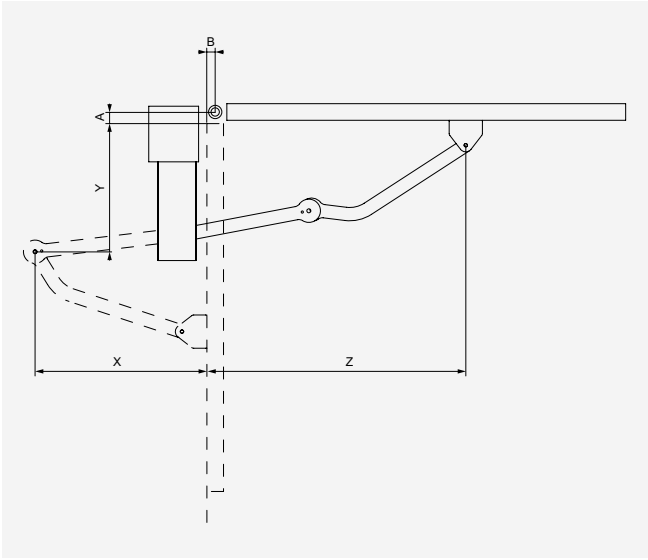




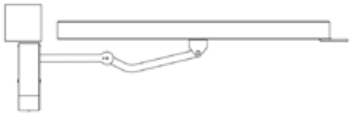


CONDOR 500S USAGE LIMITS

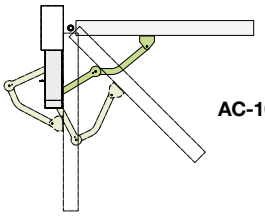




= Output shaft near the pillar

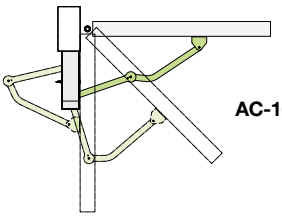


		ARM **AC-102**			LONG ARM **AC-103**			SHORT ARM **AC-104**		
A	B	X	Y	Z	X	Y	Z	X	Y	Z
50	50	387	290	617	470	433	844	**273**	**665**	**747**
	100	387	334	617	465	450	844	**222**	**682**	**797**
100	50	3 65	194	598	477	408	830	**274**	**665**	**793**
	100	381	251	598	477	408	830	**222**	**682**	**797**
150	50	**367**	**198**	**600**	487	324	812	**259**	**670**	**785**
	100	**362**	**212**	**650**	485	358	812	**163**	**695**	**785**
200	50	**380**	**155**	**640**	482	245	791	**214**	**684**	**775**
	100	**374**	**177**	**640**	291	487	791	**52**	**704**	**775**
250	50	**387**	**100**	**627**	443	123	716			
	100	**384**	**135**	**627**	166	462	766			
300	50	**383**	**27**	**610**	**460**	**236**	**839**			
	100	**387**	**78**	**610**	**467**	**99**	**789**			
350	50				**485**	**125**	**768**			
	100				**531**	**156**	**718**			
400	50				**482**	**51**	**747**			
	100				**535**	**92**	**697**			



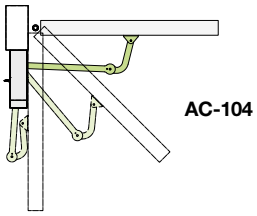
AC-102

L = 385mm + 330mm



AC-103

L = 503mm + 430mm



AC-104

L = 238mm + 620mm

	CONDOR 500 24V	CONDOR 500 230V
Voltage	24 VDC	230 VAC 50 Hz
Power consumption	150 W	280 W
Max absorption	6.5 A	1.2 A
Maximum thrust	330 Nm	440 Nm
Work intermittency	Intensive use	50%
Protection class (IP)	IP44	IP44
Insulation class	2	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C
No load speed	0.15 rad/sec	0.1 rad/sec
Weight	12 kg	12 kg

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CONDOR 500S

Automation for 24 VDC and 230 VAC swing gates – electronic limit switch plus encoder

24 VDC and 230 VAC articulated arm actuators for swing gates up to 2.5m in length

				Max door length *					
	**CONDOR 500S**	24 VDC	GCR50SEEL0G00	2.5 m	•	•	•	10 kg	36
	CONDOR 500S-S/C	24 VDC	GCR50SE1L0G00	2.5 m	•	•		10 kg	36
	CONDOR 500S	230 VAC	GCR50SEEH0G00	2.5 m	•	•	•	10 kg	36
	CONDOR 500S-S/C	230 VAC	GCR50SE1H0G00	2.5 m	•	•		10 kg	36

S/C = without control unit

Accessories

	**AC-102**	Arm with Condor 500/500S block, L=385 mm + 330mm	GCR001BAN0B00	1	3.2 kg
	**AC-103**	Arm with block for Condor 500/500S - L=503 mm + 430mm	GCR002BAN0B00	1	3.7 kg
	**AC-104**	Arm with block for Condor 500/500S - L=238mm + 620mm	GCR003BAN0B00	1	4.0 kg
	**AF-550**	Lock with control button	MP00M003H0000	1	0.58 kg

KIT CONDOR 500S 24V

Automation for swing gates – electronic limit switch plus encoder





2 CONDOR 500S
WITH 24V 2M CU BOARD
+ RECEIVER



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 500S FE+E KIT	•	•	Quad 24 V HP	GKCR050SEL900	18.5kg	10

FE = Electronic Limit Switch **E** = Encoder – **Standard arm AC-102 not included**

KIT CONDOR 500S 230V

Automation for swing gates – electronic limit switch plus encoder



2 CONDOR 500S
WITH 230V 2M CU BOARD
+ RECEIVER



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 PAIR PHOTOCELLS



1 SWIFT
Flashing beacon
GSWIFTSTLYB00A



AC-40
Signage table
GSAFETYTN0G00

CONDOR 500S FE+E KIT	•	•	Quad 230V HP	GKCR050SEH900	18.6kg	10

FE = Electronic Limit Switch **E** = Encoder – **Standard arm AC-102 not included**

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Automations for garage doors

Comunello automatic garage door operators are designed for smooth, safe and silent opening. The range includes solutions for sectional and overhead doors, with powerful and durable motors to suit every installation requirement. With intuitive programming and practical, functional control systems, they offer maximum ease of use and safety, enhancing the everyday experience.

COMUNELLO
AUTOMATION





RAMPART Technical features



Can be combined with belt and chain guides. Split and integral.

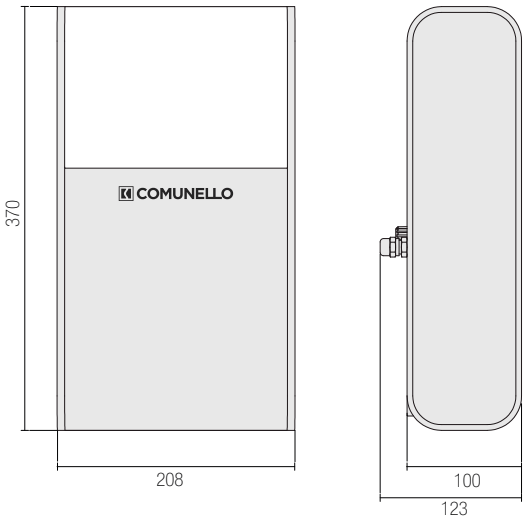


Built-in LED courtesy light

The motor with 6-pole/turn encoder guarantees accurate and reliable stroke reading and obstacle detection.

100% TESTED

Every single product is regularly tested at the end of the assembly line



AVAILABLE COLOURS: WHITE, BLACK



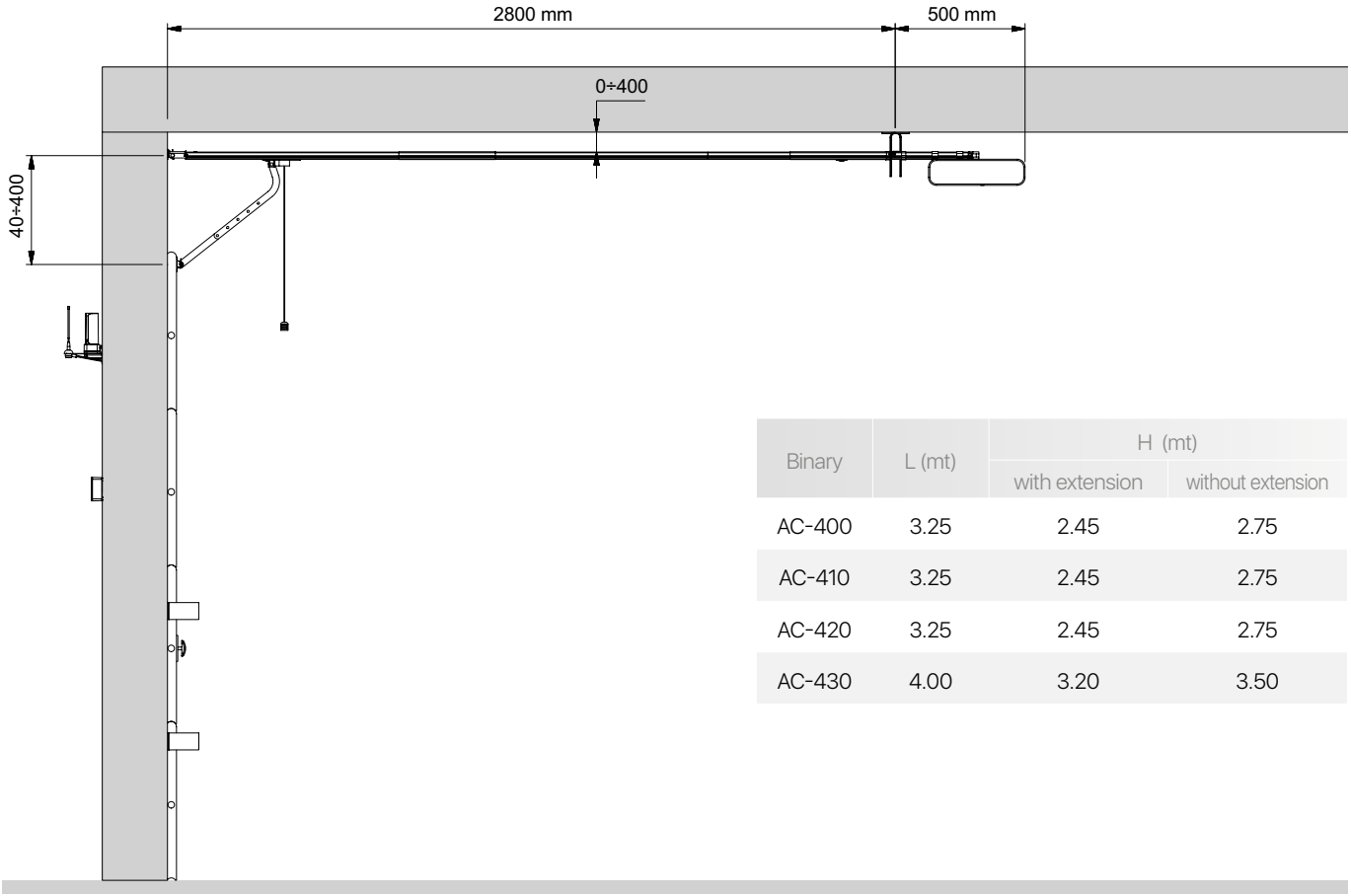


On-board control unit with integrated receiver

Automatic periodic detection of the current absorption during the opening and closing cycle.

Automatic detection of connected sensitive edges (N.O., N.C., 8k2).

Speed and automatic closing parameters adjustable with trimmer.



Binary	L (mt)	H (mt)	
		with extension	without extension
AC-400	3.25	2.45	2.75
AC-410	3.25	2.45	2.75
AC-420	3.25	2.45	2.75
AC-430	4.00	3.20	3.50

TECHNICAL FEATURES

	RAMPART 600 24V	RAMPART 1000 24V
Power supply	230V (±10%) / 50Hz	230V (±10%) / 50Hz
Maximum force (force required to start door movement)	600 N	1000 N
Nominal force (force required to maintain door movement)	200 N	300 N
Max. door leaf weight	110 kg	210 kg
Maximum opening speed	0.14 metres/ second	0.14 metres/ second
Maximum continuous motor time	60 seconds (intermittent operating mode)	60 seconds (intermittent operating mode)
Power consumption	110 W	150 W
Radio controls	433.92MHz / dynamic code 200 Radio controls max	433.92MHz / dynamic code 200 Radio controls max
Insulation class	2	2
Protection class (IP)	IP20	IP20
Temperature range	-20°C / +50°C	-20°C / +50°C
Actuator weight	4.5kg	5.0kg

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RAMPART

Electromechanical actuator for sectional doors 24 VDC

24 VDC motor with embedded encoder and electronics for sectional doors, 600 N power supply

RAMPART 600	24 VDC	GRT0600EL0W00	•	•	9 m²	White	4.9 kg	60
RAMPART 600	24 VDC	GRT0600EL0B00	•	•	9 m²	Black	4.9 kg	60

24 VDC motor with embedded encoder and electronics for sectional doors, 1000 N power supply

RAMPART 1000	24 VDC	GRT1000EL0W00	•	•	16 m²	White	6.0 kg	60
RAMPART 1000	24 VDC	GRT1000EL0B00	•	•	16 m²	Black	6.0 kg	60

Supplementary accessories

	**AC-470**	Support bracket kit	GRT001AAN0G00A	1	0.3 kg
	**AC-400**	Integral 3.25m chain guide	GRT3250GC0G00A	1	8.2 kg
	**AC-410**	3.25m split belt guide, 2 x 1.65m	GRT3250GB0G00A	1	8.6 kg
	**AC-420**	3.25m integral belt guide, 1 x 3.25m	GRT3250GD0G00A	1	7.4 kg
	**AC-430**	4m split belt guide, 2 x 2.00m	GRT4000GB0G00A	1	9.6 kg
	**AC-440**	Cord release for towing	GRTCORD0N0G00A	1	0.4 kg
	**AC-450**	Galvanized swing arm	GRT001ASN0G00	1	3.7 kg

KIT RAMPART 24V

Electromechanical actuator for sectional doors 24 VDC up to 16 m^2



Composition of the RAMPART **CHAIN** KIT


OPPURE


1 RAMPART 600
(WHITE or BLACK)
+ control board + receiver



1 CHAIN GUIDE
AC 400 1 x 3.25 m
GRT3250GC0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 BRACKET KIT
fixing guide AC 470
GRT001AAN0G00



AC-40
Signage table
GSAFETYTN0G00

Complete kits with actuators for sectional doors, 24 VDC, up to 1000 N

	COLOUR			
RAMPART KIT 600 CHAIN		GKRT060CLW000A	13.5 kg	48
		GKRT060CLB000A	13.5 kg	48
RAMPART KIT 1000 CHAIN		GKRT100CLW000A	14.5 kg	48
		GKRT100CLB000A	14.5 kg	48

Composition of the RAMPART **BELT** KIT


OPPURE


1 RAMPART 600
(WHITE or BLACK)
+ control board + receiver



1 STRAP GUIDE
AC 420 1 x 3.25 m
GRT3250GD0G00



2 VICTOR
2 Channels rolling code
GVCTR2STN0G00



1 BRACKET KIT
fixing guide AC 470
GRT001AAN0G00



AC-40
Signage table
GSAFETYTN0G00

Complete kits with actuators for sectional doors, 24 VDC, up to 1000 N

	COLOUR			
RAMPART KIT 600 STRAP		GKRT060BLW000A	14 kg	48
		GKRT060BLB000A	14 kg	48
RAMPART KIT 1000 BELT		GKRT100BLW000A	15 kg	48
		GKRT100BLB000A	15 kg	48

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RAMPART Rocker application



Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

RAMPART Sectional application



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COMUNELLO

SALIENT Technical features



Output shaft available in knurled and square versions



On-board control unit with integrated receiver

Encoder version available (24 VDC)



Built-in LED courtesy light

Transmission unit with perfectly coupled metal gears to ensure efficiency, precision, silence and reliability

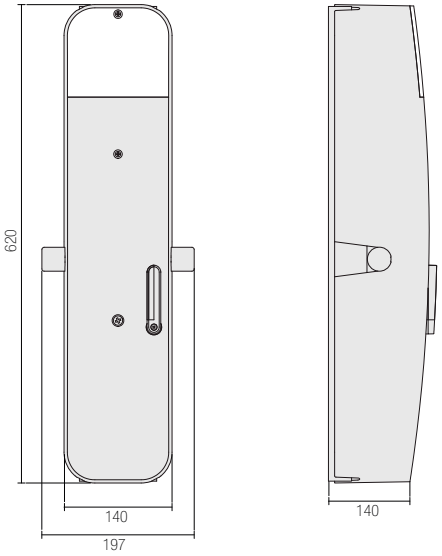
Manual release with integrated aluminium lever

100% TESTED

Every single product is regularly tested at the end of the assembly line

TECHNICAL FEATURES

	SALIENT 24 V	SALIENT 230V FAST	SALIENT 230V SLOW
Power supply	230 VAC	230 VAC	230 VAC
Motor power supply	24 VDC	230 VAC	230 VAC
Power consumption	150 W	280 W	280 W
Power consumption	6.5 A	1.2 A	1.2 A
Pair	330 Nm	440 Nm	440 Nm
Work intermittency	Intensive use	40%	40%
Protection class (IP)	IP24D	IP24D	IP24D
Insulation class	2	1 (earthing)	1 (earthing)
Operating temp.	-20°C / +50°C	-20°C / +50°C	-20°C / +50°C
Speed	1.7 rpm	1.7 rpm	1.2 rpm
Weight	11.2 kg	11.4 kg	11.4 kg



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SALIENT



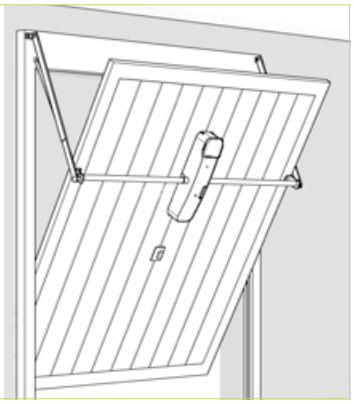
Electromechanical actuators for overhead garage doors.
24 VDC and 230 VAC with encoder

Actuator with built-in encoder and electronics, up to 9 m² with one motor, 16 m² with two motors

			Section arm	CU					
SALIENT	24 VDC	GST0F0ECL0G00	⊘	CU 24V HP	•	•	•	9.3 kg	30
SALIENT	24 VDC	GST0F0E0L0G00	⊘		•			7.3 kg	30
SALIENT	24 VDC	GSTQF0ECL0G00	⧄	CU 24V HP	•	•	•	9.3 kg	30
SALIENT	24 VDC	GSTQF0E0L0G00	⧄		•			7.3 kg	30
SALIENT	230 VAC	GST0F0ECH0G00	⊘	CU 230V BASIC		•	•	9.8 kg	30
SALIENT	230 VAC	GST0F0E0H0G00	⊘					7.8 kg	30
SALIENT	230 VAC	GSTQF0ECH0G00	⧄	CU 230V BASIC		•	•	9.8 kg	30
SALIENT	230 VAC	GSTQF0E0H0G00	⧄					7.8 kg	30

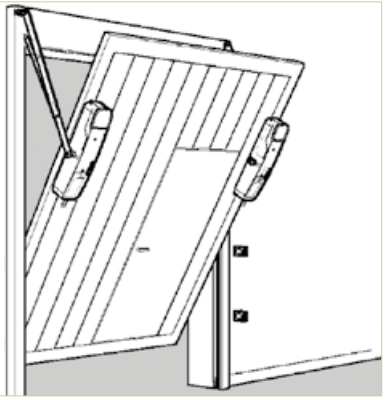


Central actuator
up to 9 m²





Dual actuator
up to 16 m²



Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

KIT SALIENT 24V

Electromechanical actuators for overhead garage doors.
24 VDC with encoder



Composition of the SALIENT **SINGLE MOTOR** KIT



1 SALIENT 24V
+ HP electronic board
+ encoder

AC-351
Galvanised square arm bracket
GST005SQN0G00

2 VICTOR
2 Channels rolling code
GVCTR2STN0G00

1 PAIR PHOTOCELLS

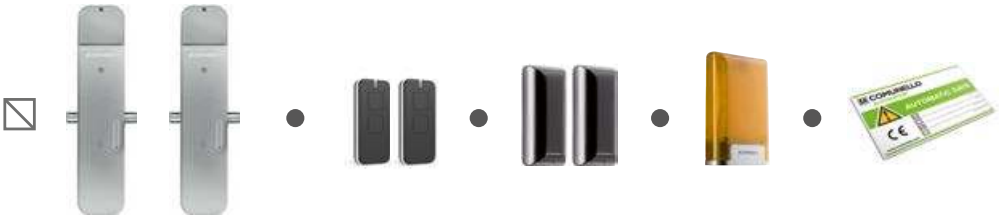
1 SWIFT
Flashing beacon
GSWIFTSTLYB00A

AC-40
Signage table
GSAFETYTN0G00

Complete kits with worm gear actuators, 24 VDC, for swing gates up to 5m long

KIT SALIENT square section	CU 24V HP	GKSTQF0ECL0G00	12 kg	20

Composition of the SALIENT **DUAL MOTOR** KIT



1 SALIENT 24V MASTER
+ HP ELECTRONIC BOARD + ENCODER

1 SLAVE SALIENT 24V
+ ENCODER

2 VICTOR
2 Channels rolling code
GVCTR2STN0G00

1 PAIR PHOTOCELLS

1 SWIFT
Flashing beacon
GSWIFTSTLYB00A

AC-40
Signage table
GSAFETYTN0G00

Complete kits with worm gear actuators, 24 VDC, for swing gates up to 5m long

DUAL MOTOR SALIENT KIT square section	CU 24V HP	GKSTQF1ECL0G00	19.6 kg	12

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SALIENT

Supplementary accessories

Accessories

	**AC-360**	Galvanised deflector arms L = 1500 mm	GST001AAN0G00	⊘		•	1	6.2 kg
	**AC-370**	Galvanised deflector arms L = 200 mm	GST002AAN0G00	⊘		•	1	0.97 kg
	**AC-375**	Galvanised deflector arms L = 2000 mm	GST003AAN0G00	⊘		•	1	8 kg
	**AC-330**	Galvanized straight arms with round bushings	GST003ASN0G00	⊘	•	•	1	4.1 kg
	**AC-340**	Galvanized curved arms with round bushings	GST004ASN0G00	⊘	•	•	1	4.6 kg
	**AC-310**	Galvanized straight arms with grooved bushings (direct actuator connection)	GST001ASN0G00	⊘	•		1	4.1 kg
	**AC-320**	Galvanized curved arms with grooved bushings (direct actuator connection)	GST002ASN0G00	⊘	•		1	4.6 kg
	**AC-350**	Galvanised arm support bracket	GST005ASN0G00	⊘		•	1	0.3 kg
	**AC-361**	Galvanised square arms L = 1500 mm	GST001AQN0G00	⊘		•	1	6.2 kg
	**AC-371**	Galvanised square arms L = 200 mm	GST002AQN0G00	⊘		•	1	0.97 kg
	**AC-376**	Galvanised square arms L = 2000 mm	GST003AQN0G00	⊘		•	1	8 kg

SALIENT

Supplementary accessories

Accessories

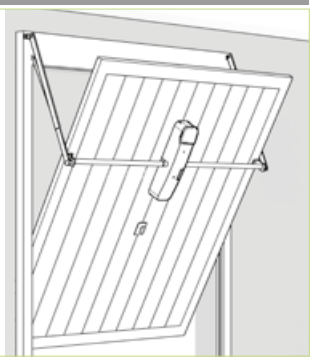
	**AC-311**	Galvanized straight arms with square bushings	GST001SQN0G00	⧅	•	•	1	4.1 kg
	**AC-321**	Galvanized curved arms with square bushings	GST002SQN0G00	⧅	•	•	1	4.6 kg
	**AC-351**	Galvanised square arm support bracket	GST005SQN0G00	⧅		•	1	0.3 kg
	**AC-300**	Galvanised support bracket L = 615 mm	GST006ASN0G00	⧅ ⦸	•	•	1	2.0 kg
	**AC-305**	Galvanised support bracket L = 1250 mm	GST007ASN0G00	⧅ ⦸	•	•	1	4.1 kg
	**AC-307**	Galvanised support bracket L = 2000 mm	GST008ASN0G00	⧅ ⦸	•	•	1	6.5 kg
	**AC-380**	Galvanised external release lever	GST001SCN0G00	⧅ ⦸	•	•	1	0.17 kg

+ *

*



Accessories for
central actuator system
up to 9 m²

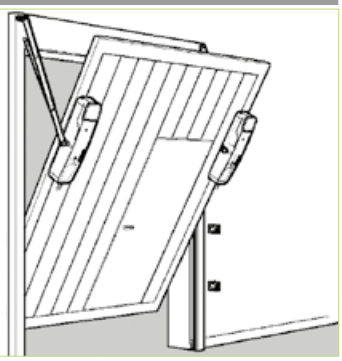


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Accessories for
dual application system
up to 16 m²



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Road barriers

Comunello road barriers are the ideal solution for managing access in private, public and industrial contexts, combining efficiency, safety and durability. Designed for gates from 3 to 8 metres and up to 16 meters with opposing solutions, they offer smooth and reliable operation in all conditions. Robust mechanics ensure high performance and wear resistance, while intuitive electronics simplify installation and management. A perfect balance between innovation and practicality for access control.

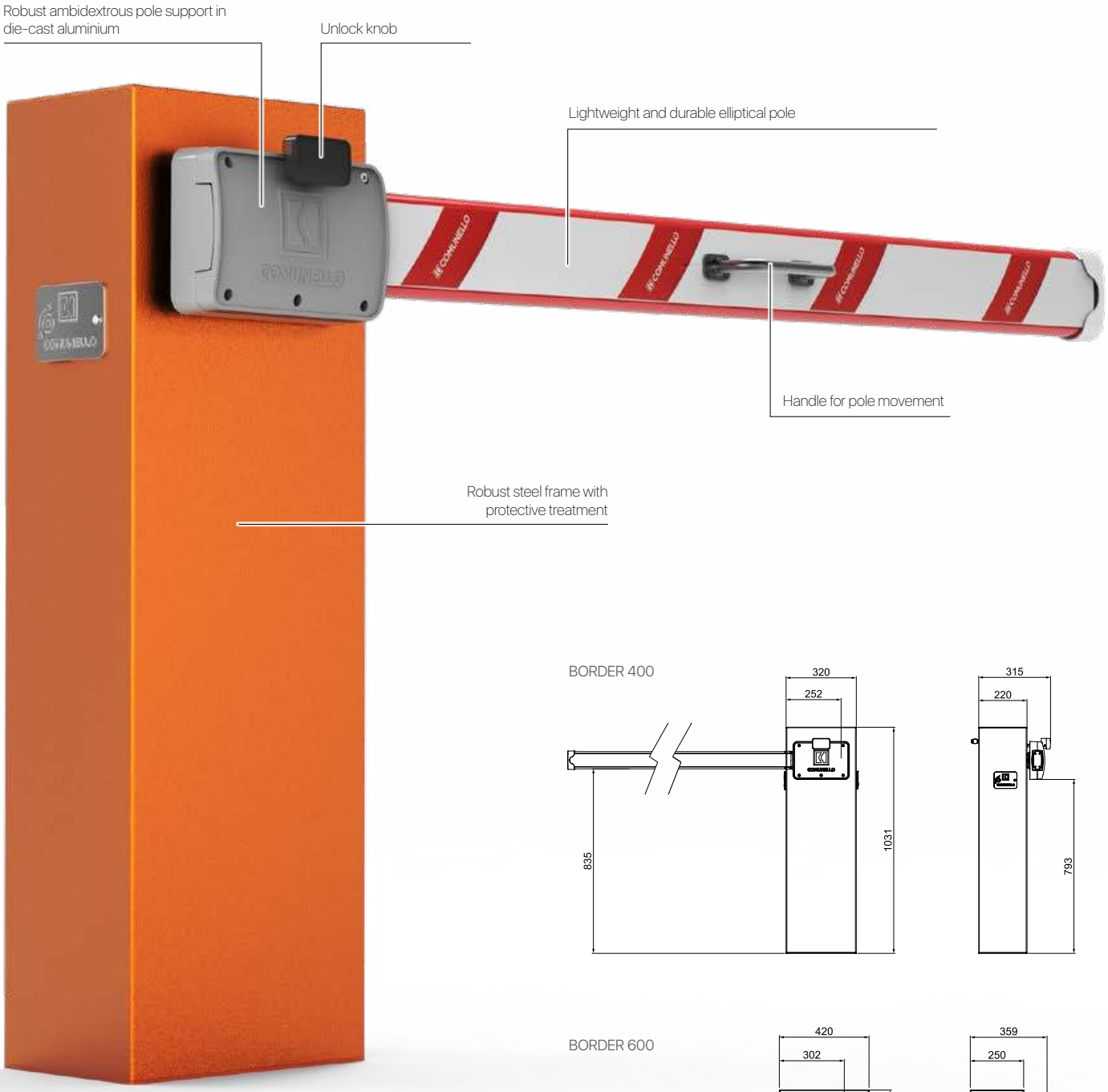
COMUNELLO
AUTOMATION





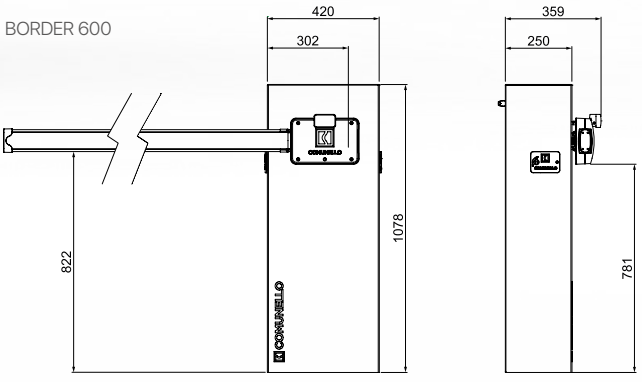
BORDER manual

Technical features



BORDER 400

BORDER 600



100% TESTED

Every single product is regularly tested at the end of the assembly line

BORDER 400 – for poles up to 4m long

Depending on the length of the pole and its accessories, the AC-531 spring must be fixed to one of the holes of the spring tensioner arm according to the table and diagram below

SPRING AC-531



POSITIONING SPRING AC-531 ON BORDER 400		
POLE LENGTH	3 m	4 m
POLE	1	2
POLE WITH FENCE	2	3

SPRING TENSIONING ARM BORDER 400





BORDER 600 – for poles up to 6m long

Depending on the length of the pole and its accessories, the AC-531 spring must be fixed to one of the holes of the spring tensioner arm according to the table and diagram below

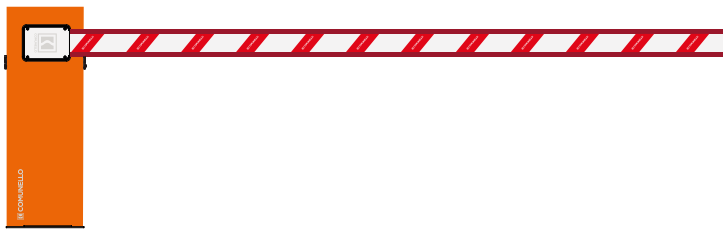
SPRING AC-531



POSITIONING SPRING AC-531 ON BORDER 600		
POLE LENGTH	5 m	6 m
POLE	2	4
POLE WITH FENCE	4	4 (double spring)

SPRING TENSIONING ARM BORDER 600





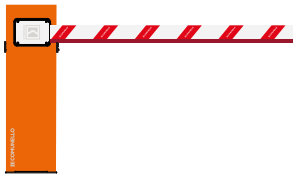
TECHNICAL FEATURES

	BORDER 400 S/M – 3m	BORDER 400 S/M – 4m	BORDER 600 S/M – 5m	BORDER 600 S/M – 6m
Max pole length	3 m	4 m	5 m	6 m
Degree of protection	IP44	IP44	IP44	IP44
Operating temp.	-40°C / +50°C	-40°C / +50°C	-40°C / +50°C	-40°C / +50°C
Weight	50 kg	51 kg	58 kg	59 kg

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KIT BORDER 400 Manual **3m**





Manual road barriers

BORDER KIT 400-3M S/MOT.WITH POLE LOCK	GKBR40300F0A00	45 kg	9



BR400 S/M
Border 400 Manual



AC-630
Rectangular pole made of aluminium L = 3 m



AC-660
Comunello reflective adhesive labels (pack of 30)



AC-700
Rectangular pole cap with sleeve



AC-671
Red sleeve for elliptical pole for Border, L= 3m



AC-710
Rectangular pole cap with protective rubber sleeve



677P
Handle



AC-40
Signage table for security

Accessories

	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg
	AC-560A	Pole support for barrier	GLTFIX0000A00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-500**	Foundation fixing kit (for 3 and 4 metre versions)	GLTANCHOR0G00	1	1.8 kg

KIT BORDER 400 Manual **4m**





Manual road barriers

BORDER KIT 400-4M S/MOT.WITH POLE LOCK	GKBR40400F0A00	45 kg	9



BR400 S/M
Border 400 Manual



AC-640
Rectangular pole made of aluminium L = 4 m



AC-660
Comunello reflective adhesive labels (pack of 30)



AC-700
Rectangular pole cap with sleeve



AC-672
Red sleeve for elliptical pole for Border, L= 4m



AC-710
Rectangular pole cap with protective rubber sleeve



677P
Handle



AC-40
Signage table for security

Accessories

	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg
	**AC-560A**	Pole support for barrier	GLTFIX0000A00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-500**	Foundation fixing kit (for 3 and 4 metre versions)	GLTANCHOR0G00	1	1.8 kg

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KIT BORDER 600 Manual **5m**





Manual road barriers

BORDER KIT 600-5M S/MOT.WITH POLE LOCK	GKBR60500F0A00	45 kg	9



BR600 S/M
Border 600 Manual



AC-622
Rectangular pole made of aluminium L = 2 m



AC-630
Rectangular pole made of aluminium L = 3 m



AC-775
Joint for poles



AC-700
Rectangular pole cap with sleeve



AC-710
Rectangular pole cap with protective rubber sleeve

AC-660
Comunello reflective adhesive labels (pack of 30)



AC-671
Red sleeve for elliptical pole for Border, L= 3m (2 pieces)



677P
Handle



AC-40
Signage table for security

Accessories

	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg
	**AC-560A**	Pole support for barrier	GLTFIX0000A00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-510**	Foundation fixing kit (for 5 and 6 metre versions)	GLTANCHO80G00	1	2.2 kg

KIT BORDER 600 Manual **6m**





Manual road barriers

BORDER KIT 600-5M S/MOT.WITH POLE LOCK	GKBR60600F0A00	45 kg	9



BR600 S/M
Border 600 Manual



AC-630 (x 2)
Rectangular pole made of aluminium L = 3 m



AC-775
Joint for poles



AC-700
Rectangular pole cap with sleeve



AC-710
Rectangular pole cap with protective rubber sleeve

AC-660
Comunello reflective adhesive labels (pack of 30)



AC-671
Red sleeve for elliptical pole for Border, L= 3m (2 pieces)



677P
Handle



AC-40
Signage table for security

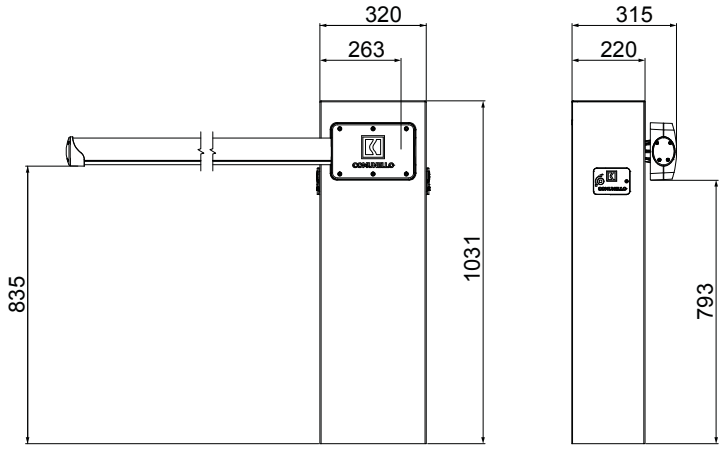
Accessories

	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg
	**AC-560A**	Pole support for barrier	GLTFIX0000A00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-510**	Foundation fixing kit (for 5 and 6 metre versions)	GLTANCHO80G00	1	2.2 kg

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BORDER Technical features



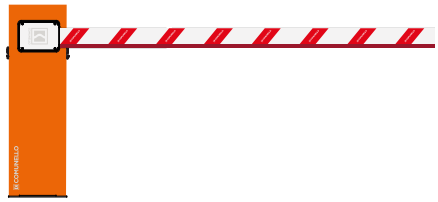


100% TESTED

Every single product is regularly tested at the end of the assembly line

BORDER for poles up to 4m long

Depending on the length of the pole and the accessories, the AC-541 spring must be fixed to one of the holes of the spring tensioning arm according to the table and diagram below



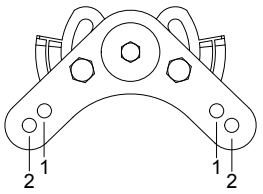
SPRING AC-541



POSITIONING SPRING AC-541			
POLE LENGTH	2 m	3 m	4 m
POLE	-	1-2 *	2
POLE WITH SINGLE SLEEVE	1	1-2 *	2
POLE WITH MOBILE SUPPORT	1	2	2

* The spring can be fixed in both holes with proper adjustment

SPRING TENSIONING ARM

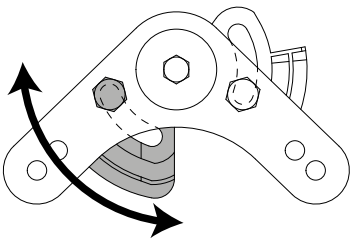


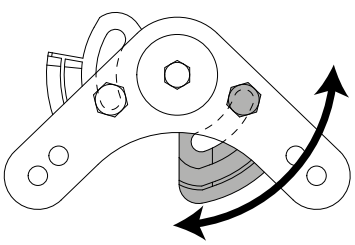
TECHNICAL FEATURES

	BORDER 400 24V
Power supply	230 VAC
Motor power supply	24 VDC
Power consumption	150 W
Power consumption	4.5 A
Pair	100 Nm
Work intermittency	Intensive use
Protection class (IP)	IP44
Insulation class	2
Operating temp.	-20°C / +50°C

RALLENTAMENTO ASTA

Easy slowdown adjustment thanks to opening and closing cams





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BORDER KIT **3m**





Complete Border Barrier kit 24 VDC, with 3m pole

Border Kit 400 – 3 m	GKBR030VL0A901	50 kg	9



BR400-24V
Border 400 24V



AC-631
Aluminium elliptical pole L = 3 m



AC-671
Red sleeve for elliptical pole for Border, L= 3m



AC-660
Comunello reflective adhesive labels (pack of 30)



AC-717
Elliptical pole cap with sleeve



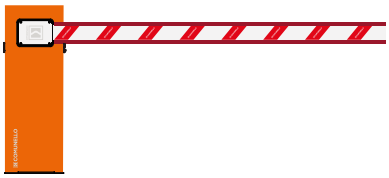
AC-500
Foundation fixing kit



AC-541
Single spring for lightweight pole Border/Limit

BORDER KIT **4m**





Complete Border Barrier kit 24 VDC, with 4m pole

Border Kit 400 – 4m	GKBR040VL0A901	51.2 kg	9



BR400-24V
Border 400 24V



AC-641
Aluminium elliptical pole L = 4 m



AC-672
Red sleeve for elliptical pole for Border, L= 4m



AC-660
Comunello reflective adhesive labels (pack of 30)



AC-717
Elliptical pole cap with sleeve



AC-500
Foundation fixing kit



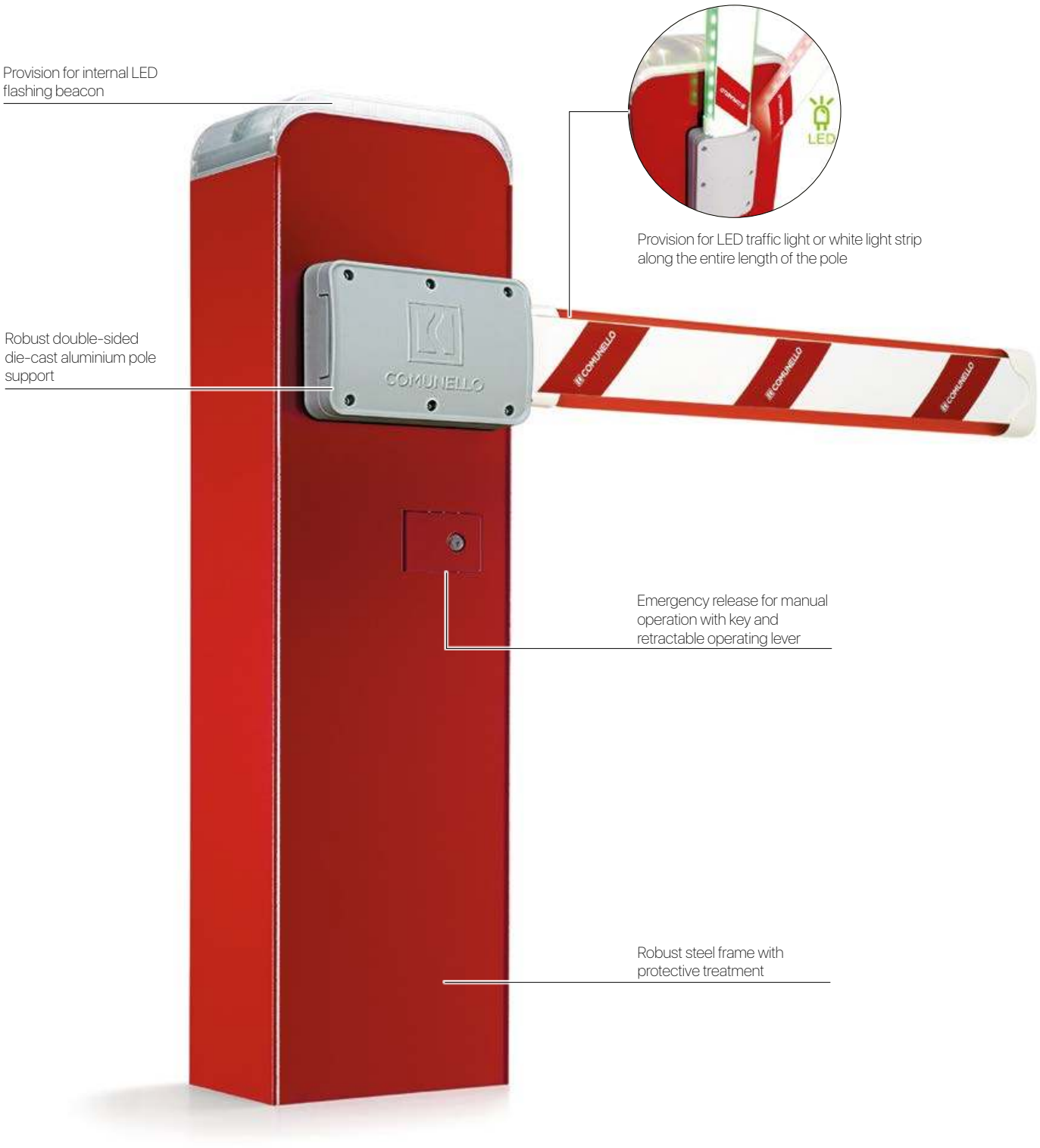
AC-541
Single spring for lightweight pole Border/Limit

Border accessories

	**AC-30**	External antenna (cable L = 3m) 433.92 MHz	GANTENNAN0G00	1	0.2 kg
	**AC-240**	Inductive sensor 1 channel	GINDUCT0N0G00	1	0.28 kg
	**AC-500**	Foundation fixing kit Border 400/ Limit 500	GLTANCHOR0G00	1	1.8 kg
	**AC-541**	Single spring for lightweight pole Border/ Limit	GLTSPRINGUG00	1	3.8 kg
	**AC-560A**	Pole support for barrier	GLTFIX0000A00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg
	**AC-631**	Aluminium elliptical pole L = 3 m	GBRBAR3001W00	1	2.9 kg
	**AC-641**	Aluminium elliptical pole L = 4 m	GBRBAR4001W00	1	3.9 kg
	**AC-660**	Comunello reflective adhesive labels (pack of 30)	GLTSTRIP00W00	1	0.01 kg
	**AC-671**	Red sleeves for elliptical axes for Border, L= 3m	GBRTOPP301R00	1	0.57 kg
	**AC-672**	Red sleeves for elliptical axes for Border, L= 4m	GBRTOPP401R00	1	0.87 kg
	**AC-705**	Cap for elliptical pole Border	GBRPLUG030W00	1	0.03 kg
	**AC-717**	Elliptical pole cap with sleeve	GBRPLUG021W00	1	0.03 kg
	**AC-718**	Cap for elliptical without sleeve	GBRPLUG011W00	1	0.03 kg

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LIMIT 500 Technical features



100% TESTED

Every single product is regularly tested at the end of the assembly line

LIMIT 500 for poles up to 5m in length

Depending on the length of the pole and the accessories, the AC-541 spring must be fixed to one of the holes of the spring tensioning arm according to the table and diagram below

SPRING AC-541

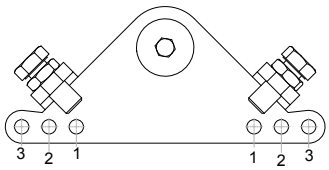


POSITIONING SPRING AC-541

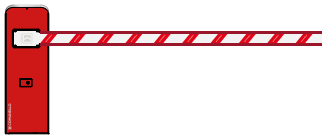
POLE LENGTH	2 m	3 m	4 m	5 m
POLE	1	1/2 ✱	1/2/3 ✱	2/3 ✱
POLE WITH SLEEVES AND LEDS	1	1/2 ✱	2/3 ✱	3
POLE WITH SLEEVES and LEDs and WITH MOBILE SUPPORT	1	1/2 ✱	3	3
POLE WITH SINGLE SLEEVE, LED, FENCE	-	2	3	-
POLE WITH SINGLE SLEEVE, LED, FENCE AND MOBILE SUPPORT	-	3	3	-

✱ The spring can be fixed in the holes indicated with adequate adjustment for a correct balance of the pole. With the barrier unlocked, the pole must remain in equilibrium at 45°

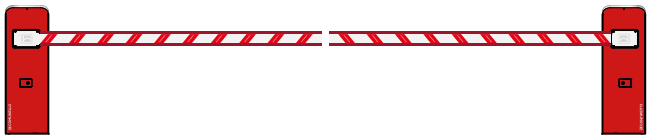
SPRING TENSIONING ARM



For poles up to 5m long

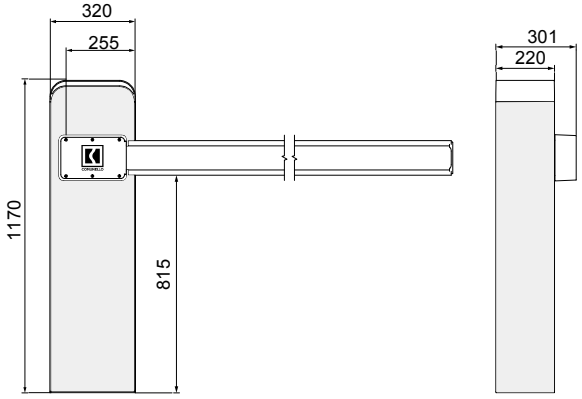


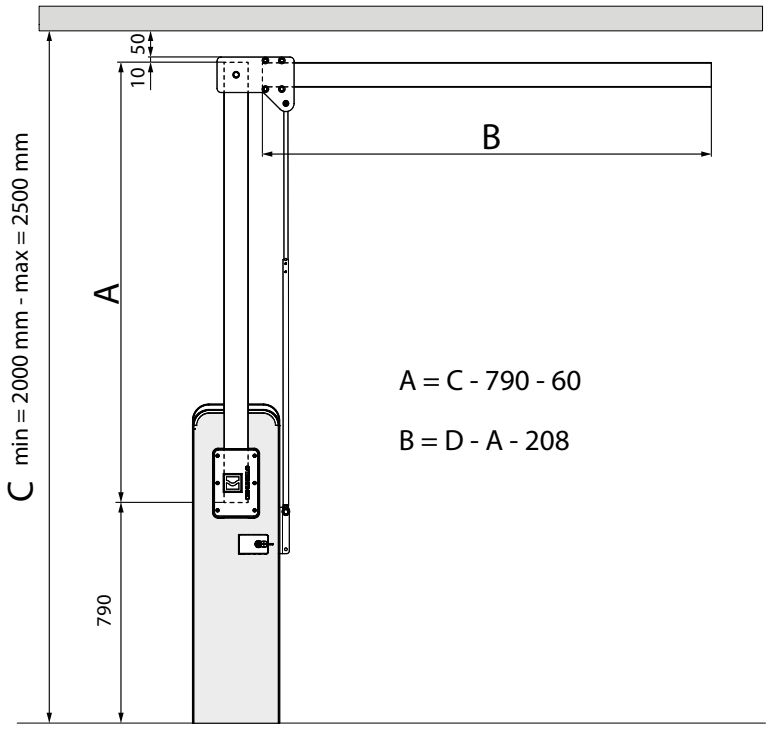
For poles up to 10m long (5+5m)



TECHNICAL FEATURES

	LIMIT 500 24V
Power supply	230 VAC
Motor power supply	24 VDC
Power consumption	150 W
Power consumption	6.2 A
Pair	300 Nm
Work intermittency	Intensive use
Protection class (IP)	IP44
Insulation class	2
Operating temp.	-20°C / +50°C





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LIMIT 500



Automation for road barriers 24 VDC

Electromechanical barrier 24 VDC with encoder, pole up to 5m

			RAL				
LIMIT 500	24V	GLTX50EEL0R00	RAL 3002 (Red)	CU 24V HP LT	•	47.5 kg	9
LIMIT 500	24V	GLTX50EEL0G00	RAL 7011 (Grey)	CU 24V HP LT	•	47.5 kg	9

LIMIT 500 Accessories

	AC-30	External antenna (cable L = 3m) 433.92 MHz	GANTENNAN0G00	1	0.2 kg
	AC-50	Buffer battery for 24V applications	GBATTERYL0G00A	1	1.30 kg
	AC-240	Inductive sensor 1 channel	GINDUCT0N0G00	1	0.28 kg
	AC-500	Foundation fixing kit Border 400/ Limit 500	GLTANCHOR0G00	1	1.8 kg
	AC-541	Single spring for lightweight pole Border/ Limit	GLTSPRINGUG00	1	3.8 kg
	AC-560R	Pole support for barrier	GLTFIX0000R00	1	4.6 kg
	AC-570	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	AC-580	90° joint for barrier	GLTANG9000G00	1	6.7 kg
	AC-590	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg

LIMIT 500 Accessories

	**AC-622**	Rectangular aluminium pole L = 2 m	GLTBAR2001W00	1	2.3 kg
	AC-630	Rectangular aluminium pole L = 3 m	GLTBAR3001W00	1	3.5 kg
	AC-640	Aluminium rectangular beam L = 4 m	GLTBAR4001W00	1	4.7 kg
	AC-650	Rectangular aluminium pole L = 5 m	GLTBAR5001W00	1	5.9 kg
	**AC-775**	Joint for poles	GLTJOINTR0G00	1	1.10 kg
	AC-660	Comunello reflective adhesive labels (pack of 30)	GLTSTRIP00W00	1	0.10 kg
	**AC-670**	Red protective rubber (top and bottom), L= 3m	GLTTOPP301R00	1	0.62 kg
	AC-681	Red protective rubber (top and bottom), L= 4m	GLTTOPP401R00	1	0.85 kg
	AC-682	Red protective rubber (top and bottom), L= 5m	GLTTOPP501R00	1	1.60 kg
	**AC-670T**	Transparent protective rubber (top and bottom), L= 3m	GLTTOPP301T00	1	0.62 kg
	AC-681T	Transparent protective rubber (top and bottom), L= 4m	GLTTOPP401T00	1	0.85 kg
	AC-682T	Transparent protective rubber (top and bottom), L= 5m	GLTTOPP501T00	1	1.60 kg
	**AC-700**	Rectangular pole cap with sleeve	GLTSTOPPERW00	1	0.01 kg
	**AC-710**	Rectangular pole cap with protective rubber sleeve	GLTPLUG011W00	1	0.06 kg
	**AC-715**	Rectangular pole cap without protective rubber sleeve	GLTPLUG021W00	1	0.03 kg
	**AC-771**	Upper interior LED lights	GLTSWIFTN1G00	1	0.2 kg
	**AC-778**	RGB LED light strips for pole, L = 8 m	GLTLED80T0W00	1	1.10 kg
	**AC-800**	LED light strips for pole, L = 5 m	GLTLED5000W00	1	0.4 kg
	**TRAFFIC LIGHT ADAPTER**	Traffic light adapter	GTRAFADAP0G00	1	0.2 kg

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KIT LIMIT 500 barrier unit

Automation for road barriers 24 VDC



		RAL	
LIMIT 500 KIT	GKLTX00EL5R000	RAL 3002 (Red)	9
LIMIT 500 KIT	GKLTX00EL5G000	RAL 7011 (Grey)	9



1 LIMIT 500 24V + CONTROL BOARD + RECEIVER



1 SINGLE SPRING AC-541

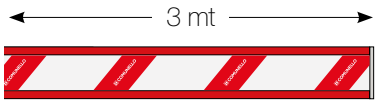


1 INTERNAL AC-771 LED LIGHT



1 AC-500 FOUNDATION KIT

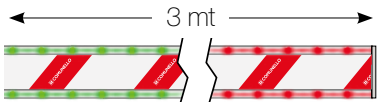
POLE KIT **3 M** — **GKLTAS3000W000**



KIT CONTENT

1 POLE 3 M (AC-630)
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 3M POLE (AC-670)
2 AC-660 ADHESIVE STRIPS
2 AC-800 LED STRIPS

POLE KIT **3M** TRAFFIC LIGHT — **GKLTAM3000W000**

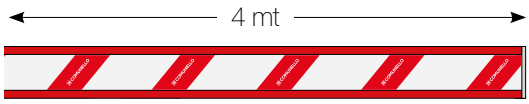


KIT CONTENT

1 POLE 3 M (AC-630)
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 TRANSPARENT SLEEVE FOR 3M POLE (AC-670T)
2 AC-660 ADHESIVE STRIPS
2 RGB LED STRIPS AC-778
1 TRAFFIC ADAPTER

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

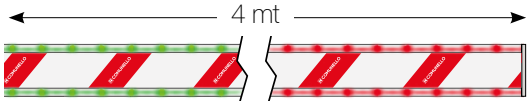
POLE KIT **4 M** — GKLTAS4000W000



KIT CONTENT

1 POLE 4 M (AC-640)
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 4M POLE (AC-681)
2 AC-660 ADHESIVE STRIPS
2 AC-800 LED STRIPS

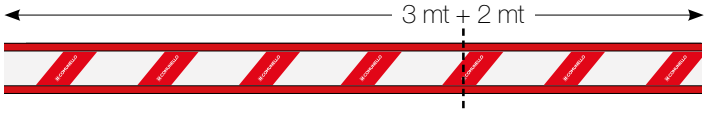
POLE KIT **4M** TRAFFIC LIGHT — GKLTAM4000W000



KIT CONTENT

1 3M POLE (AC-630) + 1 2M SHAFT (AC-622)
1 JOINT FOR RODS AC-775
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 5M POLE (AC-682)
2 AC-660 ADHESIVE STRIPS
2 RGB LED STRIPS AC 778
1 TRAFFIC LIGHT ADAPTER

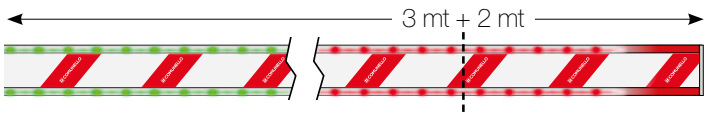
POLE KIT **5 M** — GKLTAS5000W000



KIT CONTENT

1 POLE 3 M (AC-630)
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 3M POLE (AC-670)
2 AC-660 ADHESIVE STRIPS
2 AC-800 LED STRIPS

POLE KIT **5M** TRAFFIC LIGHT — GKLTAM5000W000



KIT CONTENT

1 3M POLE (AC-630) + 1 2M SHAFT (AC-622)
1 JOINT FOR RODS AC-775
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 TRANSPARENT SLEEVE FOR 5M POLE (AC-682T)
2 AC-660 ADHESIVE STRIPS
2 RGB LED STRIPS AC-778
1 TRAFFIC ADAPTER

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LIMIT 600 Technical features



100% TESTED

Every single product is regularly tested at the end of the assembly line

LIMIT 600 for poles up to 6m in length

Depending on the length of the pole and the accessories, the AC-541 spring must be fixed to one of the holes of the spring tensioning arm according to the table and diagram below

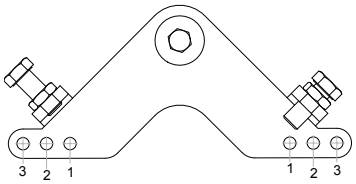
SPRING AC-541



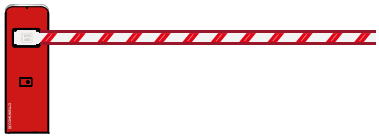
POSITIONING SPRING AC-541					
POLE LENGTH	2 m	3 m	4 m	5 m	6 m
POLE	1-2 *	1-2-3 *	3	3	3
POLE WITH SLEEVES AND LEDS	1-2 *	3	3	3	3
POLE WITH SLEEVES and LEDs and WITH MOBILE SUPPORT	1-2 *	3	3	3	3
POLE WITH SINGLE SLEEVE, LED, FENCE	-	3	3	3	-
POLE WITH SINGLE SLEEVE, LED, FENCE AND MOBILE SUPPORT	-	3	3	3	-

* The spring can be fixed in the holes indicated with adequate adjustment for a correct balance of the pole. With the barrier unlocked, the pole must remain in equilibrium at 45°

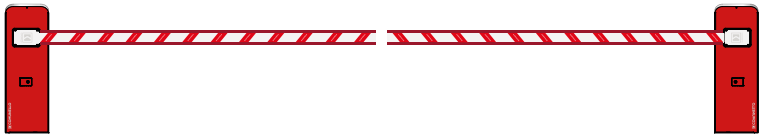
SPRING TENSIONING ARM

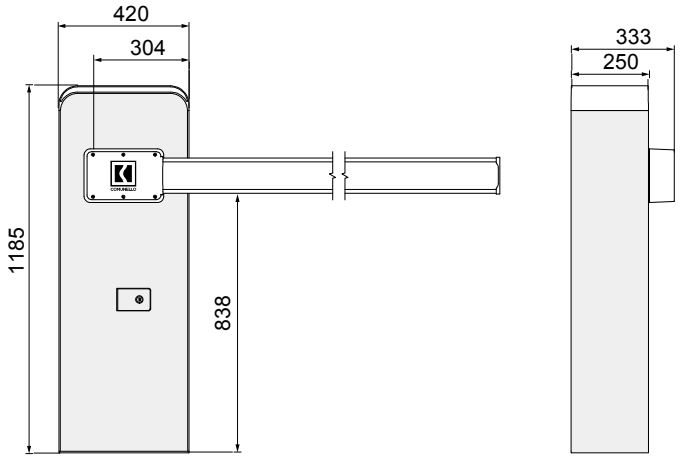


For poles up to 6m long



For poles up to 12m long (6+6m)





TECHNICAL FEATURES

	LIMIT 600 24V
Power supply	230 VAC
Motor power supply	24 VDC
Power consumption	150 W
Power consumption	6.2 A
Pair	300 Nm
Work intermittency	Intensive use
Protection class (IP)	IP44
Insulation class	2
Operating temp.	-20°C / +50°C

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LIMIT 600



Automation for road barriers 24 VDC

Electromechanical barrier 24 VDC with encoder, pole up to 6m

			RAL			Kg	
LIMIT 600	24V	GLTX60EEL0R00	RAL 3002 (Red)	CU 24V HP LT	•	57.5 kg	6
LIMIT 600	24V	GLTX60EEL0G00	RAL 7011 (Grey)	CU 24V HP LT	•	57.5 kg	6

LIMIT 600 Accessories

					Kg
	**AC-30**	External antenna (cable L = 3m) 433.92 MHz	GANTENNAN0G00	1	0.2 kg
	**AC-50**	Buffer battery for 24V applications	GBATTERYL0G00A	1	1.30 kg
	**AC-240**	1-channel inductive sensor	GINDUCT0N0G00	1	0.28 kg
	**AC-510**	Limit 600/800 foundation fastening kit	GLTANCHO80G00	1	2.2 kg
	**AC-541**	Single spring for lightweight pole Border/ Limit	GLTSPRINGUG00	1	3.8 kg
	AC-560R	Pole support for barrier	GLTFIX0000R00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg

LIMIT 600 Accessories

	**AC-630**	Rectangular aluminium pole L = 3 m	GLTBAR3001W00	1	3.5 kg
	AC-655	Rectangular aluminium pole L = 6 m	GLTBAR6001W00	1	7.00 kg
	**AC-775**	Joint for poles	GLTJOINTR0G00	1	1.10 kg
	**AC-660**	Comunello reflective adhesive labels (pack of 30)	GLTSTRIP00W00	1	0.10 kg
	**AC-683**	Red protective rubber (top and bottom), L= 6m	GLTTOPP601R00	1	1.71 kg
	**AC-683T**	Transparent protective rubber (top and bottom), L= 6m	GLTTOPP601T00	1	1.71 kg
	**AC-700**	Rectangular pole cap with sleeve	GLTSTOPPERW00	1	0.01 kg
	**AC-710**	Rectangular pole cap with protective rubber sleeve	GLTPLUG011W00	1	0.06 kg
	**AC-715**	Rectangular pole cap without protective rubber sleeve	GLTPLUG021W00	1	0.03 kg
	**AC-771**	Upper interior LED lights	GLTSWIFTN1G00	1	0.2 kg
	**AC-800**	LED light strips for pole, L = 5 m	GLTLED5000W00	1	0.4 kg
	**AC-778**	RGB LED light strips for pole, L = 8 m	GLTLED80T0W00	1	0.10 kg
	**TRAFFIC LIGHT ADAPTER**	Traffic light adapter	GTRAFADAP0G00	1	0.2 kg

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KIT LIMIT 600 barrier unit

Automation for road barriers 24 VDC



		RAL	
LIMIT 600 KIT	GKLTX00EL6R000	RAL 3002 (Red)	6
LIMIT 600 KIT	GKLTX00EL6G000	RAL 7011 (Grey)	6



1 LIMIT 600 24V + CONTROL BOARD + RECEIVER





1 SINGLE SPRING AC-541

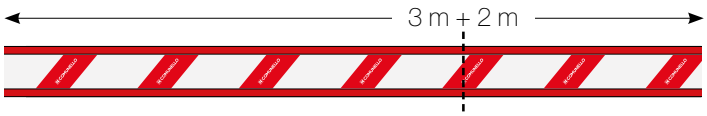


2 INTERNAL AC-771 LED LIGHTS



1 AC-510 FOUNDATION KIT

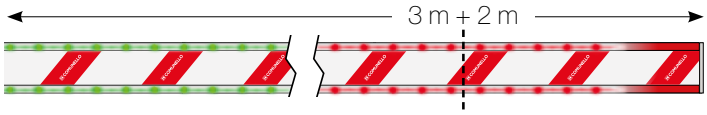
POLE KIT **5M** — GKLTAS5000W000



KIT CONTENT

1 POLE 3 M (AC-630)
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 3M POLE (AC-670)
2 AC-660 ADHESIVE STRIPS
2 AC-800 LED STRIPS

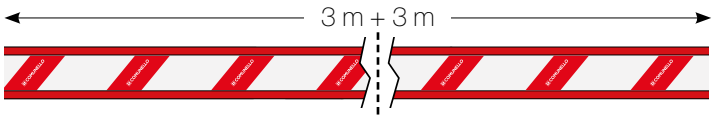
POLE KIT **5M** TRAFFIC LIGHT — GKLTAM5000W000



KIT CONTENT

1 3M POLE (AC-630) + 1 2M SHAFT (AC-622)
1 JOINT FOR RODS AC-775
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 TRANSPARENT SLEEVE FOR 5M POLE (AC-682T)
2 AC-660 ADHESIVE STRIPS
2 RGB LED STRIPS AC-778
1 TRAFFIC ADAPTER

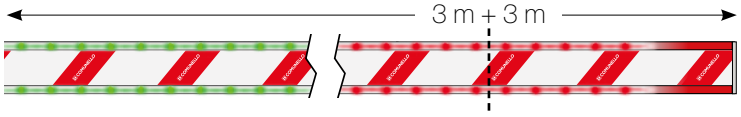
POLE KIT **6M** — **GKLTAS6000W000**



KIT CONTENT

2 3M POLES (AC-630)
1 JOINT FOR RODS AC-775
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 RED SLEEVE FOR 6M POLE (AC-683)
3 AC-660 ADHESIVE STRIPS
3 AC-800 LED STRIPS
1 AC-570 MOBILE POLE SUPPORT

POLE KIT **6M** TRAFFIC LIGHT — **GKLTAM6000W000**



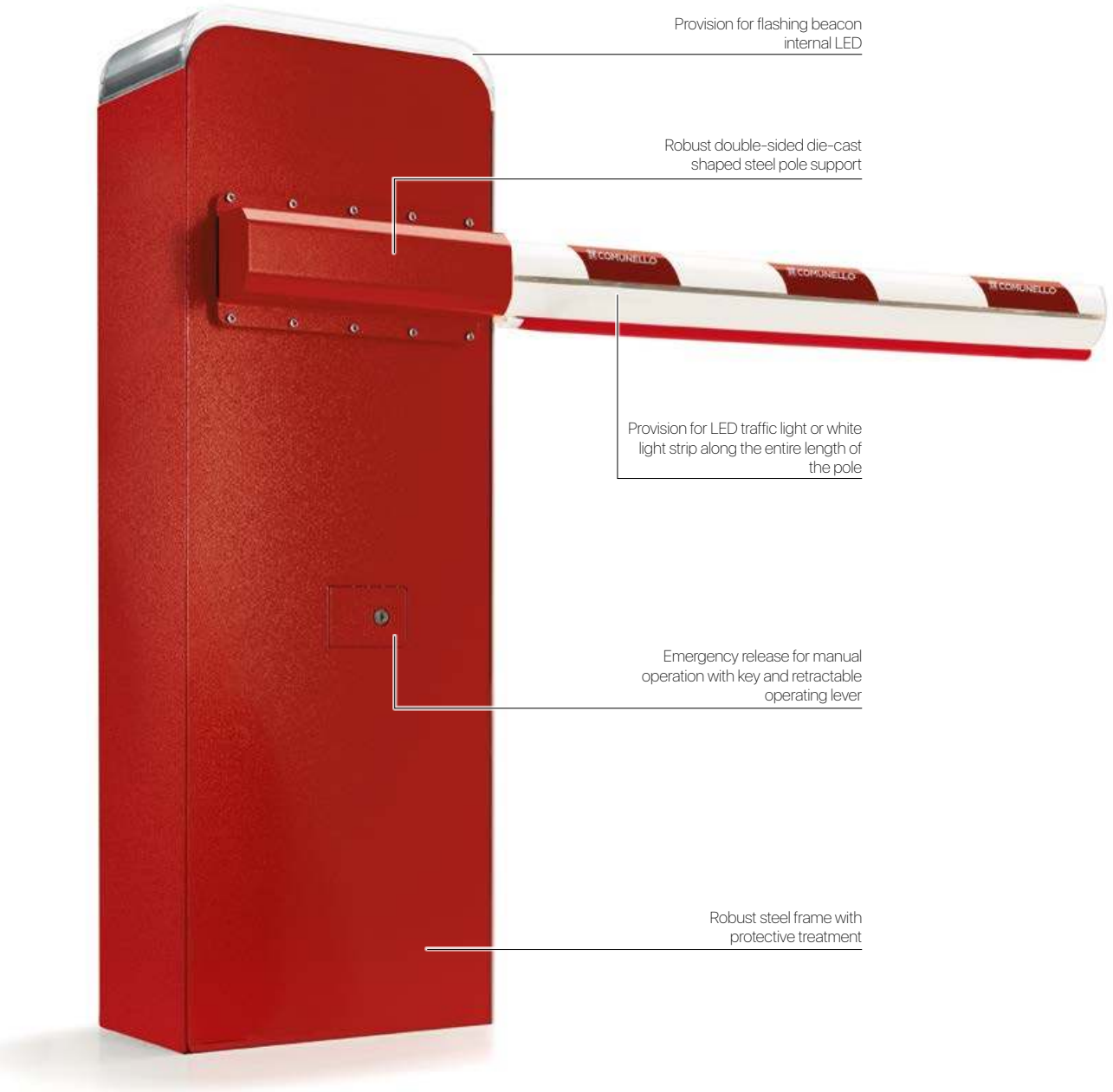
KIT CONTENT

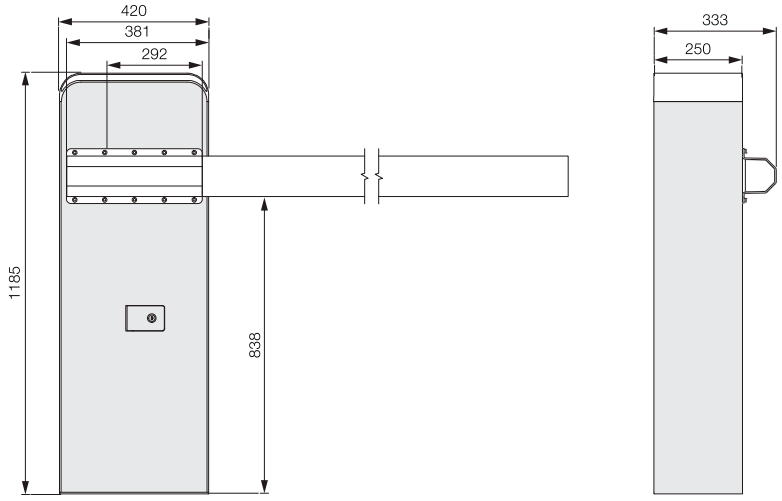
2 3M POLES (AC-630)
1 JOINT FOR RODS AC-775
1 REAR CAP FOR AC-700 SLEEVES
1 POLE CAP WITH SLEEVES AC-710
1 TRANSPARENT SLEEVE FOR 6M POLE (AC-683T)
3 AC-660 ADHESIVE STRIPS
3 AC-778 RGB LED STRIPS
1 AC-570 MOBILE POLE SUPPORT
1 TRAFFIC ADAPTER



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LIMIT 800 Technical features





100% TESTED

Every single product is regularly tested at the end of the assembly line

LIMIT 800 for poles up to 8m in length

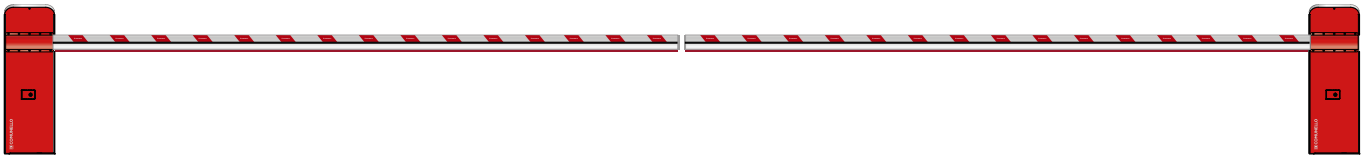
For poles up to 7m (3+4 m)



For poles up to 8m (4+4 m)



For poles up to 16 m



POLE ASSEMBLY AND CHOICE OF BALANCING SPRINGS	LENGTH				
	6.0	6.5	7.0	7.5	8.0
Pole with joint and cap	○	●	●	●	●
Pole with joint, cap and LED	○	●	●	●	●
Pole with joint, cap and sleeves	○	●	●	●	●
Pole with joint, cap, sleeves and LEDs	○	●	●	●	●
Pole with joint, cap and movable support	●	●	●	●	●
Pole with joint, cap and movable support and LEDs	●	●	●	●	●
Pole with joint, cap and movable support, LEDs and red sleeves	●	●	●	●	●
Pole with joint, cap and fence	●	●	●	●	
Pole with joint, cap, fence and LED	●	●	●		
Pole with joint, cap, fence, LEDs and movable support	●	●			

○ AC-551 spring – single spring assembly, 45° balance
● AC-551 spring – double spring, 45° balance
● AC-551 spring – double spring, 55° balance

TECHNICAL FEATURES

	LIMIT 800 24V
Power supply	230 VAC
Motor power supply	24 VDC
Power consumption	150 W
Power consumption	6.2 A
Pair	300 Nm
Work intermittency	Intensive use
Protection class (IP)	IP44
Insulation class	2
Operating temp.	-20°C / +50°C

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LIMIT 800

Automation for road barriers 24 VDC



Electromechanical barrier with encoder, 24 VDC, pole up to 8m

LIMIT 800	24 VDC	GLT080EEL0R00A	CU 24 V LT	95 kg	6

Available on request in RAL7011 colour (Grey)

LIMIT 800 Accessories

	**AC-30**	External antenna (cable L = 3m) 433.92 MHz	GANTENNAN0G00	1	0.2 kg
	**AC-240**	1-channel inductive sensor	GINDUCT0N0G00	1	0.28 kg
	**AC-510**	Limit 600/800 foundation fastening kit	GLTANCHO80G00	1	2.2 kg
	**AC-551**	Double spring for LIMIT 800	GLTSPRINGTG00A	1	7.1 kg
	**AC-560R**	Pole support for barrier	GLTFIX0000R00	1	4.6 kg
	**AC-570**	Mobile support for pole	GLTSUPPORTG00	1	1.05 kg
	**AC-590**	Fence for aluminium pole, L = 2 m	GLTHEDGE02W00	1	1.7 kg

LIMIT 800 Accessories

	**AC-731**	Aluminium round pole L = 3 m	GLTBAR8300W00	1	3.70 kg
	AC-741	Aluminium round pole L = 4 m	GLTBAR8400W00	1	5.20 kg
	AC-751	Aluminium round pole L = 5 m	GLTBAR8500W00	1	6.50 kg
	**AC-765**	Joint for poles	GLTJOINTT1G00	1	1.10 kg
	**AC-661**	Common reflective adhesive labels (pack of 30 pieces) for LIMIT 800	GLTSTRIP01W00	1	0.10 kg
	**AC-684**	Red protective rubber (lower part), L= 8 m	GLTTOPP801R00	1	0.85 kg
	**AC-713**	Round pole cap with rubber protective sleeve	GLTPLUG041W00	1	0.05 kg
	**AC-771**	Upper interior LED lights	GLTSWIFTN1G00	1	0.2 kg
	**AC-800**	LED light strips for pole, L = 5 m	GLTLED5000W00	1	0.4 kg
	**AC-778**	RGB LED light strips for pole, L = 8 m	GLTLED80T0W00	1	1.10 kg
	**TRAFFIC LIGHT ADAPTER**	Traffic light adapter	GTRAFADAP0G00	1	0.2 kg

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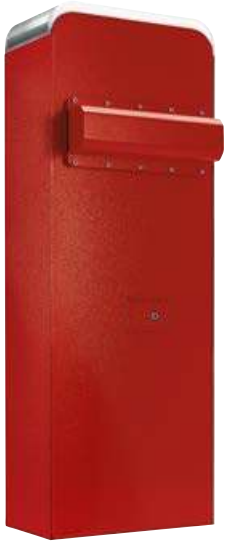
KIT LIMIT 800

Automation for road barriers
24 VDC



Complete kit with LIMIT 800 24 VDC barriers, poles up to 8m

Kit Limit 800 - 8 m - Traffic light	GKLT080EL0R907A	122 kg	6



LT800-24V-B

1 Limit 800 24V



AC-731

Round aluminium pole with transparent side sleeve, L = 3 m



AC-751

Round aluminium pole with transparent side sleeve, L = 5 m



AC-765

Joint for poles



AC-510

Foundation fixing kit



AC-551

Double spring for LIMIT 800



AC-771

2 Internal LED lights



AC-661

Common reflective adhesive labels for LIMIT 800 (pack of 30 pieces) for LIMIT 800



AC-713

Front cover for round pole without protective rubber



AC-778

2 RGB LED strips for poles L = 8 m



AC-570

Mobile support for pole



AC-684

Red protective sleeve for round pole limit, L = 8 m



TRAFFIC LIGHT ADAPTER

Traffic light adapter

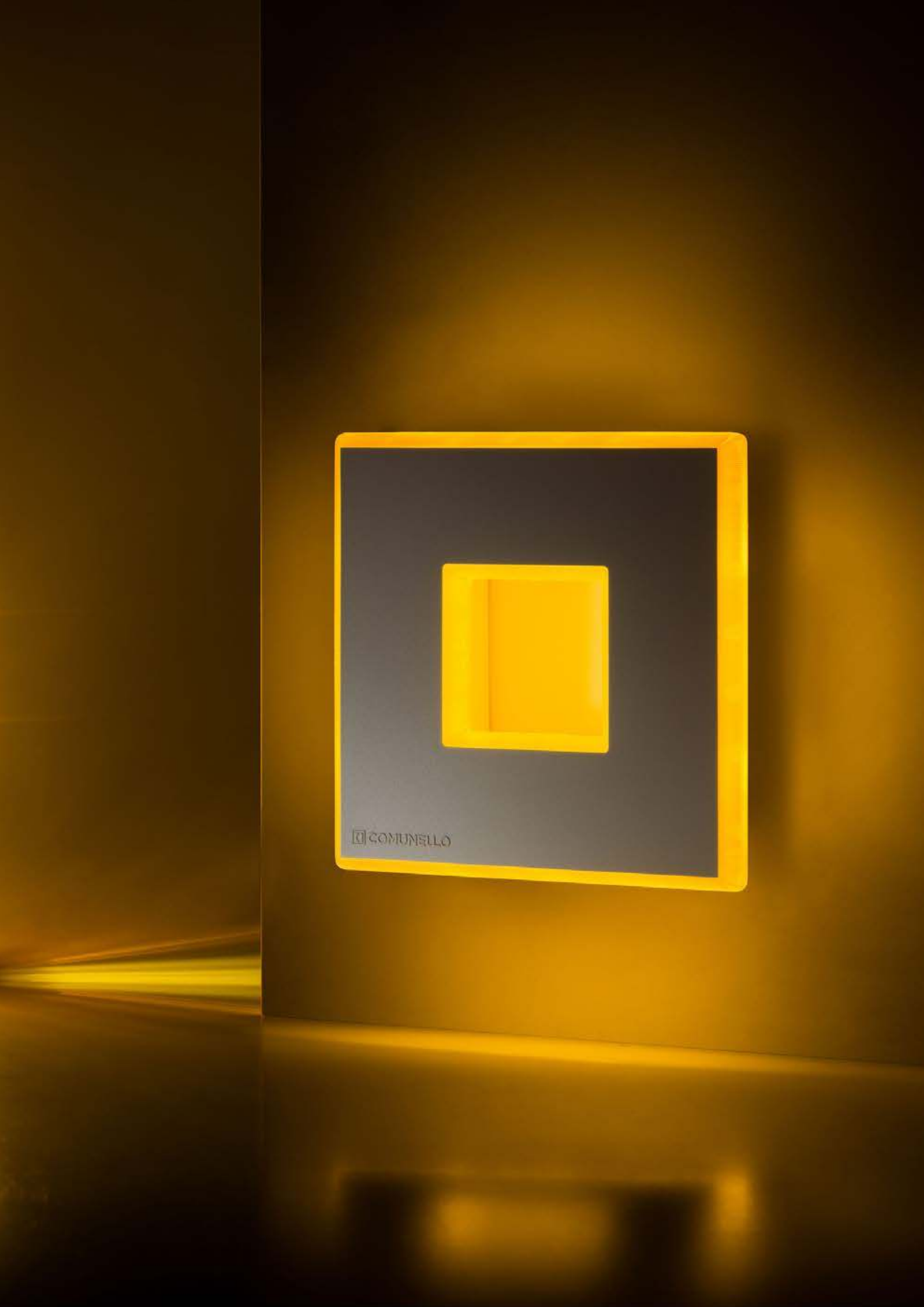

COMUNELLO

Safety accessories

Comunello accessories are designed to ensure the highest level of safety, reliability and integration with automation systems. Photocells, flashers and other devices offer effective control and advanced protection, ensuring safe operation in any context. Thanks to a careful design and efficient technology, these accessories complete and optimise every installation, improving the user experience and guaranteeing performance that always lives up to expectations.

COMUNELLO AUTOMATION

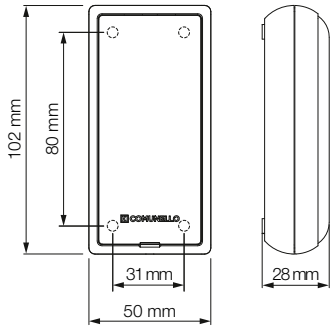



COMUNELLO

DART

Outdoor photocells, painted finish





Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint

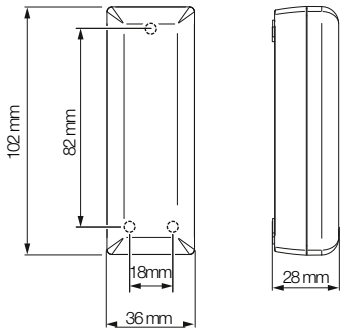
Sync Version:
The DART SYNC version allows automatic synchronization between transmitter and receiver to avoid interference in systems with multiple pairs of photocells.

				IP	Capacity		
DART	GDARTSTDN0B00A	Pair of photocells with capacity up to 15m.	12V / 24V	IP 54	15 m	1 Kit	0.15 kg
DART SYNC	GDARTSTDN1B00	Pair of photocells, synchronized version with capacity up to 20 m	12V / 24V	IP 54	20 m	1 Kit	0.15 kg

DART SLIM

Outdoor photocells, painted finish





Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint

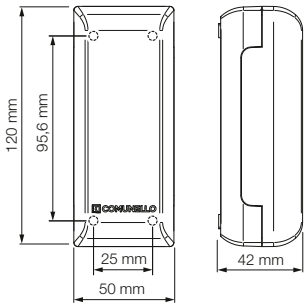
Sync Version:
The DART SLIM SYNC version allows automatic synchronization between transmitter and receiver to avoid interference in systems with multiple pairs of photocells.

				IP	Capacity		
DART SLIM	GDARTSLMN0B00A	Pair of slim photocells with capacity up to 15m	12V / 24V	IP 54	15 m	1 Kit	0.12 kg
DART SLIM SYNC	GDARTSLMN1B00A	Pair of slim photocells, synchronized version with capacity up to 20m	12V / 24V	IP 54	20 m	1 Kit	0.12 kg

DART ADJUSTABLE

Outdoor adjustable photocells, painted finish





Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustments:
Transmitter and receiver can rotate 180° on the vertical axis and 40° on the horizontal axis.
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint

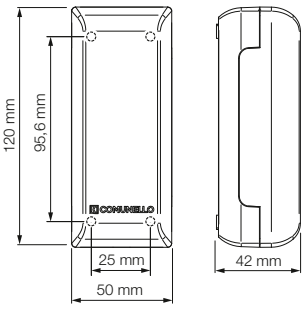
Sync Version:
The DART ADJUSTABLE SYNC version allows automatic synchronization between transmitter and receiver to avoid interference in systems with multiple pairs of photocells.

				IP	Capacity		Kg
ADJUSTABLE DART	GDARTADJN0B00A	Pair of adjustable photocells with a capacity of up to 15m	12V / 24V	IP 54	15 m	1 Kit	0.25 kg
DART ADJUSTABLE SYNC	GDARTADJN1B00A	Pair of adjustable photocells, synchronized version with capacity up to 20m	12V / 24V	IP 54	20 m	1 Kit	0.25 kg

DART ADJUSTABLE BATTERY

Adjustable outdoor battery-powered photocells, painted finish





Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustments:
Transmitter and receiver can rotate 180° on the vertical axis and 20° on the horizontal axis.
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint

				IP	Capacity		Kg
DART BATTERY	GDARTBTTN0B00A	Pair of adjustable battery photocells with a capacity of up to 18 m	12V / 24V	IP 54	18 m	1 Kit	0.30 kg

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DART ADJUSTABLE INDUSTRIAL

Outdoor adjustable photocells, painted finish



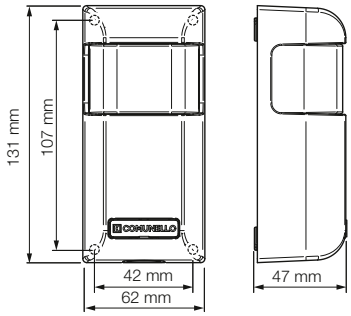
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustments:
Transmitter and receiver can rotate 180° on the vertical axis and 20° on the horizontal axis. The slotted pilot holes allow the position to be adjusted even after installation

Vandalism protection:
The structure of the photocell made entirely of die-cast aluminium guarantees high strength and resistance.



				IP	Capacity		
INDUSTRIAL DART	GDARTINDN0B00	Pair of adjustable photocells with capacity up to 30m	12V / 24V	IP 55	30 m	1 Kit	0.60 kg

DART INSERT

Recessed photocells, painted finish



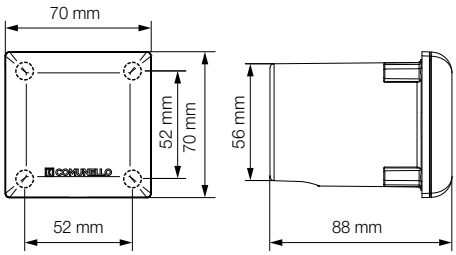
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the back of the photocell. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint



				IP	Capacity		
DART INSERT	GDARTINSN0B00	Pair of recessed photocells, glass included	12V / 24V	IP 54	15 m	1 Kit	0.20 kg

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

DART COVER

Die-cast aluminium vandalism protection for:

- DART
- DART SYNC



COVER VANDAL PROOF	GCVRDTSTD0S00	Vandalism protection for DART PHOTOCELLS	1 Kit	0.15 kg

DART COVER SLIM

Die-cast aluminium vandalism protection for:

- DART SLIM
- DART SLIM SYNC



COVER VANDAL PROOF SLIM	GCVRDSSTD0S00	Vandalism protection for DART SLIM series photocells	1 Kit	0.15 kg

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COLUMNS

Compatible with: DART, DART SYNC, TACT, TACT RADIO, TACT CARD, INDEX, INDEX EU



MAST 50 MAST 100 MAST TWIN

MAST 50	GMAST005N0G00A
MAST 100	GMAST010N0G00A
MAST 100 TWIN	GMASTT10N0G00A

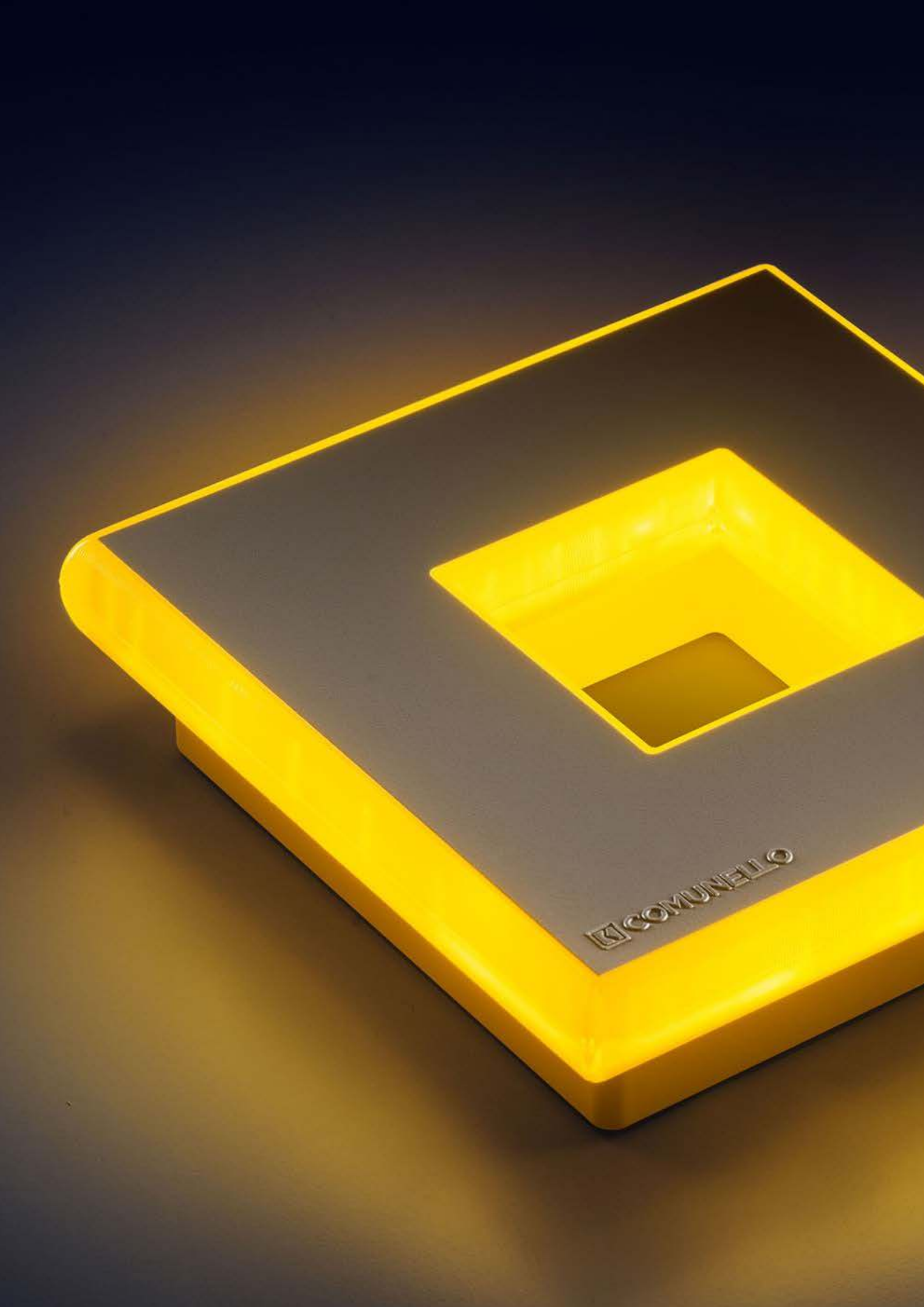
Compatible with: DART SLIM, DART SLIM SYNC



MAST 50 SLIM MAST 100 SLIM

MAST SLIM 50	GMASTS05N0G00A
MAST SLIM 100	GMASTS10N0G00A

	**AC-850**	MAST column fixing KIT	GMASTKIT00Z02	1	0.9 kg
	**AC-860**	MAST SLIM column fixing KIT	GMASTKIT00Z01	1	0.9 kg


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IXI

New generation LED flashing beacon



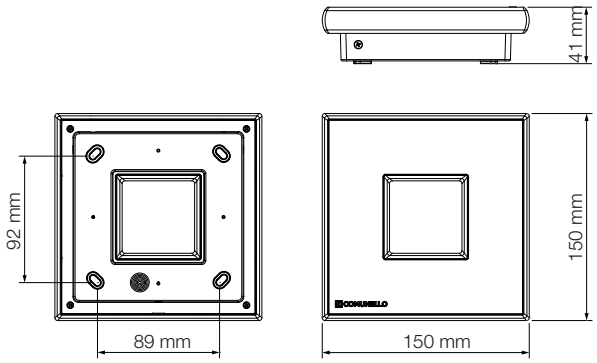
Simple and convenient installation:
The flashing beacon can be installed either on a wall or horizontally. Ample space dedicated to wiring.

Design:
Attractive design: Ixi stands out with its ultra-original and futuristic design.
Its perfect geometry beautifully diffuses light

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

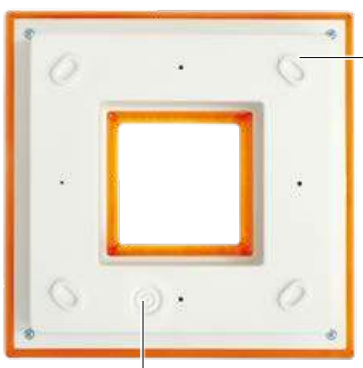
Durability:
The board is protected by a coating against possible condensation or contact with insects.Stainless steel external screws.

Protection:
The internal board is completely insulated from both the inside and outside of the flashing beacon.



				IP		
IXI	GIILEDSTLYB00	24 VDC LED flashing beacon	24V	IP 44	1	0.35 kg

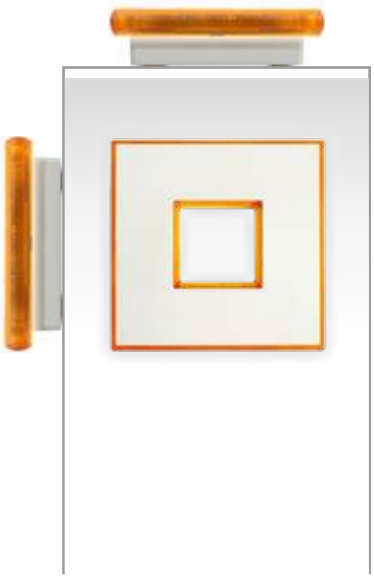




The 4 slotted pilot holes allow the position to be adjusted even after installation

Cable routing arranged at the bottom, not visible

The flashing beacon can be installed either on a wall or horizontally



Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

SWIFT

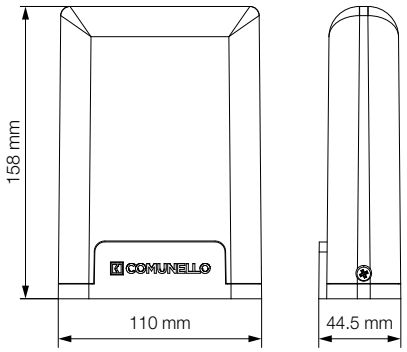
New generation LED flashing beacon



Simple and convenient installation:
Extremely easy to install thanks to the easy access to the connection area, it can be powered at both 24VDC and 230VAC.
The flashing beacon can be installed either on a wall or horizontally.

Design:
Attractive design: The Swift range is inspired by the concept of pure and subtle lines of classic flashing warning beacons.

Durability:
The board is protected by a coating against possible condensation or contact with insects.Stainless steel external screws.



				IP		Kg
SWIFT	GSWIFTSTLYB00A	24VDC / 230VAC LED flashing beacon	24V / 230V	IP 54	1	0.25 kg



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Control accessories

The Comunello control accessories offer advanced solutions for access control in gate automation systems. Designed to ensure safety, convenience and optimal integration, these devices allow effective and personalized management of inputs. Thanks to their reliable technology and elegant design, they are perfectly suited to different installation requirements, enhancing the user experience and ensuring high performance over time.



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TACT

Die-cast aluminium digital keypad selector
For use with TACT DEC



Protection:
Electronics protected by pre-assembled seals.

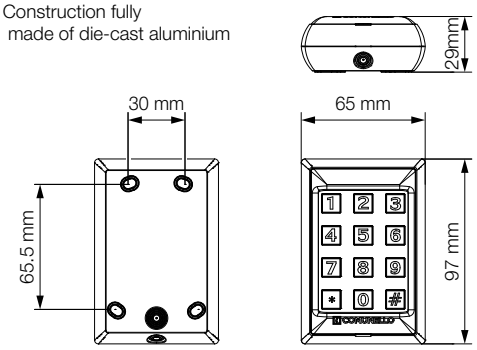
Comfort:
Keys with backlit numbers clearly visible in the dark.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector.Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Construction fully
made of die-cast aluminium



				IP		
TACT	GTACTSTDN0B00A	Digital keypad selector, aluminium (operating via TACT DEC)	24 VDC/VAC	54	1	0.35 kg

TACT DEC

TACT / TACT-CARD compatible 2-channel decoder, up to 500 codes can be stored. 250 on channel 1, 250 on channel 2



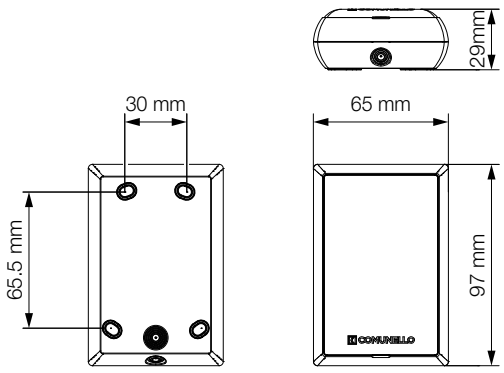
Protection:
Electronics protected by a pre-assembled seal.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



				IP		
TACT DEC	GTACTDECN0B00A	Decoder for TACT / TACT-CARD	24 VDC/VAC	54	1	0.27 kg

TACT CARD

Transponder function switch. For use with TACT DEC



Compatibility: TACT BADGE  TACT TOKEN 

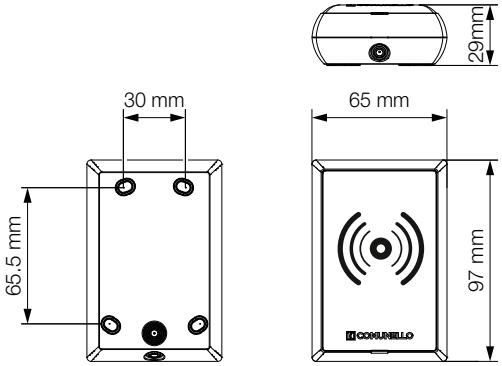
Protection:
Electronics protected by a pre-assembled seal.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



				IP		Kg
TACT CARD	GTACTCARN0B00A	Digital transponder selector, aluminium (operating via TACT DEC)	24 VDC/VAC	54	1	0.27 kg

TACT RADIO

Digital radio keypad selector



Protection:
Electronics protected by a pre-assembled seal.

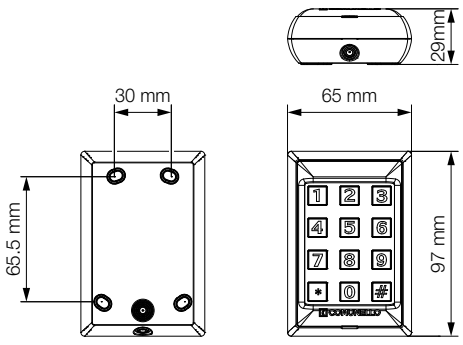
Comfort:
Keys with backlit numbers clearly visible in the dark.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
High-quality plastic material with anti-UV additives and embossed paint

Smart:
Up to 10 codes can be stored with the option of deleting and reprogramming individual codes.



				IP		Kg
TACT RADIO	GTACTRADN0B00A	Digital keypad selector, radio	24 VDC/VAC	54	1	0.15 kg

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Complementary accessories



TACT BADGE

Compatible with: TACT CARD

TACT-BADGE	GTACTCRDN0B00A	Badge for New TACT CARD	10	0.06 kg



TACT TOKEN

Compatible with: TACT CARD

TACT-TOKEN	GTACTTKNN0B00A	Token for New TACT CARD	10	0.06 kg


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INDEX

Key selector



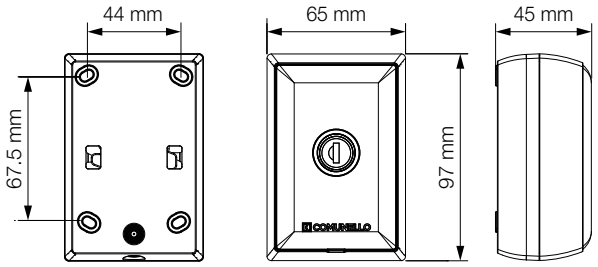
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector.Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



			IP		Kg
INDEX	GINDEXSTN0B00A	Key selector with standard cylinder	54	1	0.28 kg
KIT 2 INDEX	GINDEXSTD0B00A	Standard key selector – 2-piece kit with the same cylinder	54	1	0.50 kg

INDEX INSERT

Recessed key selector



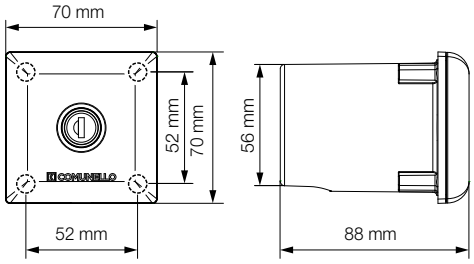
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



			IP		Kg
INDEX INSERT	GINSEXSTN0B00	Recessed key selector, glass included	IP 54	1	0.33 kg

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

INDEX EURO

Key selector with European cylinder



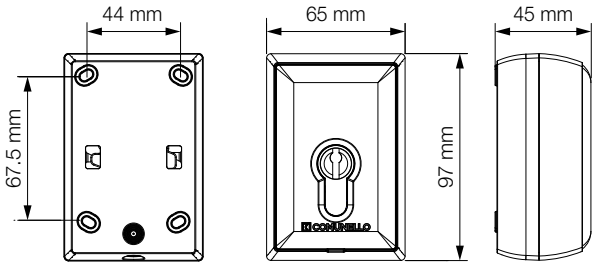
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector. Ample space dedicated to wiring.

Design:
New eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



			IP		Kg
INDEX EU	GINDEXEUN0B00A	Key selector with European cylinder	54	1	0.36 kg
EU INDEX KIT 2	GINDEXEUD0B00A	Key selector with European cylinder – 2 piece kit with the same cylinder	54	1	1.00 kg
KIT 4 INDEX EU	GKINDEEUN4B00A	Key selector with European cylinder – 4 piece kit with the same cylinder	54	1	1.48 kg

INDEX INSERT EURO

Key selector with recessed European cylinder



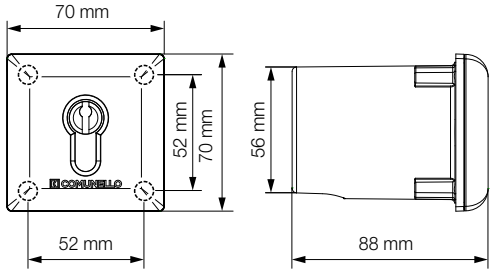
Protection:
Electronics protected by a pre-assembled seal on a dedicated seat.

Simple and convenient installation:
Cable routing arranged both at the bottom and at the rear of the selector. Ample space dedicated to wiring.

Design:
Eye-catching design with no visible screws

Adjustment:
The slotted pilot holes allow the position to be adjusted even after installation

Durability:
Fully pre-cast aluminium construction



			IP		Kg
INDEX INSERT EU	GINSEXEUN0B00	Recessed key selector with European cylinder, glass included	IP 54	1	0.45 kg
2 INDEX INSERT EU KIT	GINSEXEUD0B00A	Key selector with European cylinder 2-piece kit with the same cylinder	54	1 kit	1.00 kg
4 INDEX INSERT EU KIT	GKINSEEUN4B00	Key selector with European cylinder 4-piece kit with the same cylinder	54	1 kit	1.80 kg

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Radio controls

The Comunello radio remote controls guarantee precise and reliable remote control, combining advanced technology, security and refined design. These devices stand out for their versatility and ease of use. The model range is available in different versions and colours, offering advanced features such as rolling code encoding and extended range, ensuring effective and secure control



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VICTOR

 2 CHANNELS ROLLING CODE	**VICTOR – 2 RC**		Rolling code remote control, 2-channel, grey	GVCTR2STN0G00	1	0.02 kg
	VICTOR – 2 RC		Rolling code remote control, 2-channel, blue	GVCTR2STN0L00	1	0.02 kg
	VICTOR – 2 RC		Rolling code remote control, 2-channel, red	GVCTR2STN0R00	1	0.02 kg
	VICTOR – 2 RC		Rolling code remote control, 2-channel, green	GVCTR2STN0V00	1	0.02 kg
	VICTOR – 2 RC		Rolling code remote control, 2-channel, yellow	GVCTR2STN0Y00	1	0.02 kg
 2 CHANNELS FIXED CODE	**VICTOR – 2 SYNC**		Fixed code remote control with self-learning copy, 2-channel, grey	GVCTR2SYN0G00	1	0.02 kg
	VICTOR – 2 SYNC		Fixed code remote control with self-learning copy, 2-channel, blue	GVCTR2SYN0L00	1	0.02 kg
	VICTOR – 2 SYNC		Fixed code remote control with self-learning copy, 2-channel, red	GVCTR2SYN0R00	1	0.02 kg
	VICTOR – 2 SYNC		Fixed code remote control with self-learning copy, 2-channel, green	GVCTR2SYN0V00	1	0.02 kg
	VICTOR – 2 SYNC		Fixed code remote control with self-learning copy, 2-channel, yellow	GVCTR2SYN0Y00	1	0.02 kg
 4 CHANNELS ROLLING CODE	**VICTOR – 4 RC**		Rolling code remote control, 4-channel, grey	GVCTR4STN0G00	1	0.02 kg
	VICTOR – 4 RC		Rolling code remote control, 4-channel, blue	GVCTR4STN0L00	1	0.02 kg
	VICTOR – 4 RC		Rolling code remote control, 4-channel, red	GVCTR4STN0R00	1	0.02 kg
	VICTOR – 4 RC		Rolling code remote control, 4-channel, green	GVCTR4STN0V00	1	0.02 kg
	VICTOR – 4 RC		Rolling code remote control, 4-channel, yellow	GVCTR4STN0Y00	1	0.02 kg
 4 CHANNELS FIXED CODE	**VICTOR – 4 SYNC**		Fixed code remote control with self-learning copy, 4-channel, grey	GVCTR4SYN0G00	1	0.02 kg
	VICTOR – 4 SYNC		Fixed code remote control with self-learning copy, 4-channel, blue	GVCTR4SYN0L00	1	0.02 kg
	VICTOR – 4 SYNC		Fixed code remote control with self-learning copy, 4-channel, red	GVCTR4SYN0R00	1	0.02 kg
	VICTOR – 4 SYNC		Fixed code remote control with self-learning copy, 4-channel, green	GVCTR4SYN0V00	1	0.02 kg
	VICTOR – 4 SYNC		Fixed code remote control with self-learning copy, 4-channel, yellow	GVCTR4SYN0Y00	1	0.02 kg
	**RECEIVER RADIO 433**		Radio receiver, 2 channels, 433 MHz	GRESIVERN0G00	1	0.20 kg

VICTOR

 2 CHANNELS ROLLING CODE 868.46 MHZ	**VICTOR – 868 – 2 RC**	Rolling code remote control, 2-channel, 868.46 MHz, grey	GVCTR2S8N0G00	1	0.02 kg
	VICTOR – 868 – 2 RC	Rolling code remote control, 2-channel, 868.46 MHz, blue	GVCTR2S8N0L00	1	0.02 kg
	VICTOR – 868 – 2 RC	Rolling code remote control, 2-channel, 868.46 MHz, red	GVCTR2S8N0R00	1	0.02 kg
	VICTOR – 868 – 2 RC	Rolling code remote control, 2-channel, 868.46 MHz, green	GVCTR2S8N0V00	1	0.02 kg
	VICTOR – 868 – 2 RC	Rolling code remote control, 2-channel, 868.46 MHz, yellow	GVCTR2S8N0Y00	1	0.02 kg
 4 CHANNELS ROLLING CODE 868.46 MHZ	**VICTOR – 868 – 4 RC**	Rolling code remote control, 4-channel, 868.46 MHz, grey	GVCTR4S8N0G00	1	0.02 kg
	VICTOR – 868 – 4 RC	Rolling code remote control, 4-channel, 868.46 MHz, blue	GVCTR4S8N0L00	1	0.02 kg
	VICTOR – 868 – 4 RC	Rolling code remote control, 4-channel, 868.46 MHz, red	GVCTR4S8N0R00	1	0.02 kg
	VICTOR – 868 – 4 RC	Rolling code remote control, 4-channel, 868.46 MHz, green	GVCTR4S8N0V00	1	0.02 kg
	VICTOR – 868 – 4 RC	Rolling code remote control, 4-channel, 868.46 MHz, yellow	GVCTR4S8N0Y00	1	0.02 kg
	VICTOR KIT	Kit 5 remote controls, rolling code, 2-channel, different colours	GVCTR2STN5C00	1	0.60 kg

	**RECEIVER RADIO 868**	Radio receiver, 2 channels, 868 MHz	GRESIVE8N0G00	1	0.20 kg

	**AC-950 LOCK-24**	Radio receiver 433.92MHz	GMLOCKWFL0G00A	1 pc	0.30 kg

VICTOR KIT





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VICTOR 55 CARBON FINISH

 2 CHANNELS	**VICTOR 55 – 2 RC**	Rolling code remote control, 2-channel, CARBON Finish	GVCTR2STNCC00	1	0.02 kg
	VICTOR 55 – 2 SYNC	Fixed code remote control with self-learning copy, 2-channel CARBON finish	GVCTR2SYNCC00	1	0.02 kg
 4 CHANNELS	**VICTOR 55 – 4 RC**	Rolling code remote control, 4-channel, CARBON Finish	GVCTR4STNCC00	1	0.02 kg
	VICTOR 55 – 4 SYNC	Fixed code remote control with self-learning copy, 4-channel CARBON finish	GVCTR4SYNCC00	1	0.02 kg
	**RECEIVER RADIO 433**	Radio receiver, 2 channels, 433 MHz	GRESIVERN0G00	1	0.20 kg

	**AC-950 KIT**	Radio receiver 433.92MHz + 4 VICTOR 55 CARBON	GKMLOCKRL0G00A	1 pc	0.30 kg



VICTOR 55

LIMITED EDITION

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Control units

Comunello control units are at the heart of automation systems, combining advanced technology, reliability and ease of use. Designed for maximum control and intuitive operation, they offer great versatility, adapting to different installation requirements. Thanks to their robust structure and integration with home automation systems, they ensure high performance and efficient management in any context.

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FUSE 1
COMUNELLO
CU-230V-HP
FUSE 2
COMUNELLO

AC-950 LOCK-24

New radio and Wifi control unit for remote automation control



AC-950 LOCK-24

GMLOCKWFL0G00A

- 433.92MHz radio receiver **compatible with Victor rolling code radio controls**
- **WiFi module** for output management via the **One Smart App**
- Compatible with **Google Home, Alexa** and voice commands
- Icon selectable between swing gate, **sliding gate or garage door**
- **Creation of scenarios** and programming of commands
- Contact NO max 1A, contact NC max 1A
- Two configurable inputs (NO/NC) with **"automation status"** function
- Power supply **12 / 24 VDC**

COMPATIBILITY



VICTOR RC



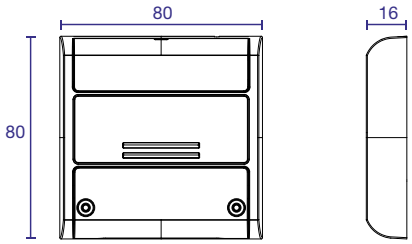
OneSmart



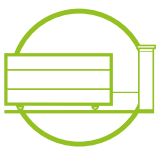
Alexa



Google Home



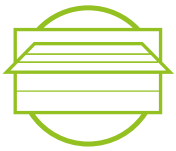
AREAS OF USE



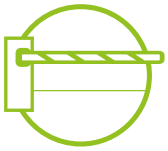
Actuators for sliding gates



Actuators for swing gates



Actuators for garage doors



Automations for road barriers

COMUNELLO AUTOMATION MANAGEMENT – OneSmart APP









AC-950

Sending commands via One Smart app

Compatible with Google Home, Alexa and voice commands



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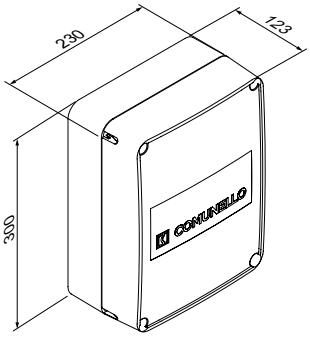
Quad-24V-HP







Central 24V, HP, 1 or 2 motors	GQUADHP2L0G00	1 pc	3.7 kg



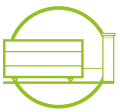
COMPATIBILITY AND AREAS OF USE



VICTOR RC



OneSmart



Actuators for sliding gates



Actuators for swing gates



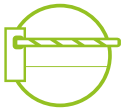
Alexa



Google Home



Actuators for garage doors



Automations for road barriers

Product description | Product code | Article | Voltage | Control unit | Maximum area | Receiver radio | Weight | Quantity per pallet | Quantity per box

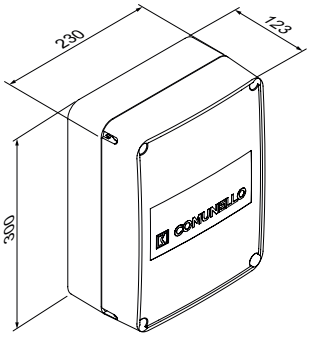
Quad-230V-HP







Central 230V, HP, 1 or 2 motors	GQUADHP2H0G00	1 pc	3.1 kg



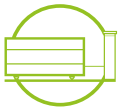
COMPATIBILITY AND AREAS OF USE



VICTOR RC



OneSmart



Actuators for sliding gates



Actuators for swing gates



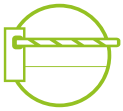
Alexa



Google Home



Actuators for garage doors



Automations for road barriers

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Accessories

	**Quad-24V-HP**	Central 24V, HP, 1 or 2 motors	GQUADHP2L0G00	1 pc	3.7 kg
	**Quad-230V-HP**	Central 230V, HP, 1 or 2 motors	GQUADHP2H0G00	1 pc	3.1 kg
	**AC-950 LOCK-24**	433.92MHz radio receiver compatible with Victor rolling code radio controls	GMLOCKWFL0G00A	1 pc	0.2 kg
	**AC-950 KIT**	Radio receiver 433.92MHz + 4 VICTOR 55 CARBON	GKMLOCKRL0G00A	1 pc	0.30 kg
	**SWIFT**	LED flashing beacon LED 24V - 230, yellow	GSWIFTSTLYB00A	1	0.26 kg
	**IXI**	LED flashing beacon LED 24V, yellow	GIILEDSTLYB00	1	0.26 kg
	**DART**	Pair of photocells with capacity up to 18m.	GDARTSTDN0B00A	1 kit	0.15 kg
	**DART SYNC**	Pair of photocells, synchronized version with capacity up to 20 m	GDARTSTDN1B00	1 kit	0.15 kg
	**DART COVER**	Vandalism protection for DART photocells, DART SYNC	GCVRDTSTD0S00	1 kit	0.15 kg
	**DART-SLIM**	Pair of slim photocells with capacity up to 15m	GDARTSLMN0B00A	1 kit	0.12 kg
	**DART SLIM SYNC**	Pair of slim photocells, synchronized version with capacity up to 20m	GDARTSLMN1B00A	1 kit	0.12 kg
	**DART COVER SLIM**	Vandalism protection for DART SLIM, DART SLIM SYNC photocells	GCVRDSSTD0S00	1 kit	0.15 kg

Accessories

	**ADJUSTABLE DART**	Pair of adjustable photocells with a capacity of up to 15m	GDARTADJN0B00A	1 kit	0.25 kg
	**DART ADJUSTABLE SYNC**	Pair of adjustable photocells, synchronized version with capacity up to 15m	GDARTADJN1B00A	1 kit	0.25 kg
	**DART ADJUSTABLE BATTERY**	Pair of adjustable photocells, with battery	GDARTBTTN0B00A	1 kit	0.20 kg
	**INDUSTRIAL ADJUSTABLE DART**	Pair of adjustable photocells with capacity up to 30m	GDARTINDN0B00	1 kit	0.60 kg
	**G-BOX**	Recessed glass for DART INSERT, INDEX INSERT/INDEX INSERT EU	GBOXUNSTD0B00	20	0.025 kg
	**DART INSERT**	Pair of recessed photocells	GDARTINSN0B00	1 Kit	0.20 kg
	**TACT**	Digital dial with keyboard	GTACTSTDN0B00A	1	0.39 kg
	**TACT RADIO**	Digital radio keypad selector	GTACTRADN0B00A	1	0.08 kg
	**TACT CARD**	Digital transponder selector	GTACTCARN0B00A	1	0.30 kg
	**TACT BADGE**	Badge for New Tact Card	GTACTCRDN0B00A	10	0.06 kg
	**TACT TOCKEN**	Token for New Tact Card	GTACTTKNN0B00A	10	0.06 kg

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Accessories

	**TACT DEC**	New Decoder for TACT / TACT-CARD	GTACTDECN0B00A	1	0.08 kg
	**INDEX**	Standard key selector	GINDEXSTN0B00A	1	0.25 kg
	**KIT 2 INDEX**	Standard key selector – 2-piece kit with the same cylinder	GINDEXSTD0B00A	1 kit	0.50 kg
	**INDEX EU**	European key selector	GINDEXEUN0B00A	1	0.37 kg
	**EU INDEX KIT 2**	Key selector with European cylinder – 2 piece kit with the same cylinder	GINDEXEUD0B00A	1 kit	1.00 kg
	**KIT 4 INDEX EU**	Key selector with European cylinder – 4 piece kit with the same cylinder	GKINDEEUN4B00A	1 kit	1.48 kg
	**INDEX INSERT**	Recessed key selector	GINSEXSTN0B00	1	0.33 kg
	**INDEX INSERT EU**	Recessed key selector with European cylinder	GINSEXEUN0B00	1	0.45 kg
	**2 INDEX INSERT EU KIT**	Recessed key selector with European cylinder – 2 piece kit with the same cylinder	GINSEXEUD0B00A	1	1.00 kg
	**4 INDEX INSERT EU KIT**	Recessed key selector with European cylinder – 4 piece kit with the same cylinder	GKINSEEUN4B00	1 kit	1.80 kg

Accessories

	**MAST 50**	Extruded aluminium column for DART, H = 50 cm	GMAST005N0G00A	1	2.20 kg
	**MAST SLIM 50**	Extruded aluminium column for DART SLIM, H = 50 cm	GMASTS05N0G00A	1	2.00 kg
	**MAST 100**	Extruded aluminium column for DART, H = 100 cm	GMAST010N0G00A	1	2.1 kg
	**MAST 100 TWIN**	Extruded aluminium column for 2 accessories, H = 100 cm	GMASTT10N0G00A	1	2.0 kg
	**MAST SLIM 100**	Extruded aluminium column for DART SLIM, H = 100 cm	GMASTS10N0G00A	1	2.1 kg
	**AC-850**	MAST column fixing KIT	GMASTKIT00Z02	1	0.9 kg
	**AC-860**	MAST SLIM column fixing KIT	GMASTKIT00Z01	1	0.9 kg

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Accessories

	AC-269 L= 1600	Sensitive safety edge, L = 1600 mm	GB01SENS16B00	1	2.10 kg
	AC-269 L= 2000	Sensitive safety edge, L = 2000 mm	GB01SENS20B00	1	2.00 kg
	AC-269 L= 2500	Sensitive safety edge, L = 2500 mm	GB01SENS25B00	1	3.20 kg
	AC-269 8K2 L= 1600	Sensitive safety edge, with resistance 8.2 kΩ, L = 1600 mm	GB02SENS16B00	1	1.70 kg
	AC-269 8K2 L= 2000	Sensitive safety edge, with resistance 8.2 kΩ, L = 2000 mm	GB02SENS20B00	1	2.00 kg
	**AC-269 8K2 L= 2500**	Sensitive safety edge, with built-in resistance 8.2 kΩ, L = 2500 mm	GB02SENS25B00	1	2.30 kg
	AC-269 8K2 M L= 1600	Increased sensitive safety edge, with built-in 8.2 kΩ resistor, L = 1600 mm	GBM2SENS16B00	1	1.47 kg
	AC-269 8K2 M L= 2000	Increased sensitive safety edge, with built-in 8.2 kΩ resistor, L = 2000 mm	GBM2SENS20B00	1	1.80 kg
	AC-269 8K2 M L= 2500	Increased sensitive safety edge, with built-in 8.2 kΩ resistor, L = 2500 mm	GBM2SENS25B00	1	2.23 kg
	AC-269 RADIO L=1600	Sensitive safety edge, radio, L = 1600 mm	GB03SENS16B00	1	2.10 kg
	AC-269 RADIO L=2000	Sensitive safety edge, radio, L = 2000 mm	GB03SENS20B00	1	2.00 kg
	AC-269 RADIO L=2500	Sensitive safety edge, radio, L = 2500 mm	GB03SENS25B00	1	3.20 kg
	**AC-269 RX-RADIO**	Radio receiver 868 MHz for sensitive safety edge AC-269 RADIO	GB03SENSRXB00	1	0.1 kg
	**AC-269 INT**	Up to 4 safety sensitive edges with resistance can be connected to the control unit	GINTERBS00B00	1	0.1 kg

Accessories

	**AC-50**	Buffer battery	GBATTERYL0G00A	1	1.30 kg
	**AC-10**	12V horizontal electric lock (compatible with CU 230 HP)	GINDEXORM0G00	1	1.7 kg
	**AC-11**	24V horizontal electric lock (compatible with CU 24 HP)	GINDEXORM1G00	1	1.7 kg
	**AC-20**	12V vertical electric lock (compatible with CU 230 HP)	GINDEXVRM0G00	1	1.4 kg
	**AC-21**	24V vertical electric lock (compatible with CU 24 HP)	GINDEXVRM1G00	1	1.4 kg
	**AF-550**	Lock with control button	MP00M003H0000	1	0.58 kg
	**AC-120**	Cord release kit for towing L = 2.5 m	GCORD025N0B00	1	0.2 kg
	**AC-130**	Cord release kit for towing L = 9 m	GCORD090N0B00	1	0.7 kg
	**AC-40**	Safety signage table	GSAFETYTN0G00	1	0.05 kg
	**AC-30-433**	External antenna 433 MHz	GANTENNAN0G00	1	0.2 kg
	AC-30-868	External antenna 868 MHz	GANTENNAN8G00	1	0.2 kg
	**AC-240**	Inductive sensor 1 channel	GINDUCT0N0G00	1	0.28 kg

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GENERAL TERMS AND CONDITIONS OF SALE

1. GENERAL INFORMATION

1.1 This document is addressed to the customers (hereinafter referred to as "Customers") of FRATELLI COMUNELLO SPA (hereinafter referred to as 'COMUNELLO' only) and is intended to make known the contractual conditions that COMUNELLO will apply in all sales of its products (hereinafter referred to as GENERAL TERMS OF SALE), unless otherwise specifically agreed in derogation to what is stated herein, these are, in any case, conditions that are binding and effective between the parties pursuant to art. 1341 Civil Code.

1.2. COMUNELLO shall apply Italian law in all contractual relationships regarding the sale of its products, unless special exceptions are agreed and proven in writing

1.3 The General Conditions of Sale reported here refer exclusively to the products bearing the COMUNELLO brand (hereinafter "Products").

2. OFFERS – QUOTES

2.1 Offers made by COMUNELLO to its customers shall remain effective for a maximum period of 20 (twenty) days from the date they are sent, in any case they shall be formalised in writing, including by email.

2.2. After this period, the offer made by COMUNELLO must be considered forfeited and not acceptable by the CUSTOMER, unless otherwise specifically agreed in writing between the contractual parties

3. ORDERS

3.1 Purchase orders signed by Customers and addressed to COMUNELLO must be confirmed by means of a special form prepared by COMUNELLO (order confirmation), which each Customer must retransmit to the latter company, indicating, with precision, the quantity of the goods sold and the further characteristics of the products requested, after signing.

3.2 The purchase agreement is concluded and binding between the parties by:

a) confirmation of the purchase order by FRATELLI COMUNELLO SPA;

b) with the physical execution of the purchase order by FRATELLI COMUNELLO, provided that it respects the content of the sale concluded between the parties.

3.3 Any modification or integration of individual provisions of the General Conditions of Sale or the purchase order are void if they have not been approved in writing by COMUNELLO SPA. In the event of changes to the purchase order, which occur after the submission of the form indicated in point 3.1., they cannot be considered effective if in the meantime COMUNELLO has accepted the order or has even partially executed it, COMUNELLO reserves the right to cancel the original purchase order and to suspend the execution of the order in progress, requesting compensation for damages.

3.4 The date of delivery of the Products indicated in the purchase orders is always indicative and any delay with respect to this term, for a period not exceeding 30 days, can never be a reason for the CUSTOMER to make claims for compensation against COMUNELLO or to terminate the contractual relationship.

In particular, COMUNELLO reserves the right to extend the delivery terms due to unforeseeable circumstances or force majeure or in any case for events not foreseeable at the time of the conclusion of the sale (for example, due to difficulties in the supply of raw materials and components); if before the delivery of the material the CUSTOMER is in a situation of financial difficulty or in any case changes its legal form, COMUNELLO may proceed to suspend the execution of the contractual relationship by immediately interrupting its execution, and possibly terminating the contract.-

4. DELIVERY AND SHIPPING

4.1 The Products are delivered to the CUSTOMER at the place of production or at the registered office of COMUNELLO (hereinafter "Delivery").

4.2 In the event that the Products are delivered Ex-works Rosà or Cassola (VI) INCOTERMS 2021, the transfer of risk takes place from the moment of Delivery of the Products by FRATELLI COMUNELLO S.p.a. to the Customer or the carrier, the CUSTOMER also assumes the costs of transport.

4.3 Unless otherwise agreed, FRATELLI COMUNELLO SPA establishes, in the name and on behalf of the Customer, the type of shipment, the transport route and the carrier.

4.4 FRATELLI COMUNELLO SPA reserves the right to execute or partially deliver purchase orders. The Customer may not raise any objection in respect of split and/or partial deliveries

. All partial Deliveries will be invoiced independently and payment terms will commence from the date of each invoice. Payment of partial Deliveries may not be deferred upon completion of Deliveries relating to the original purchase order. Even in the case of partial deliveries, the provisions of Article 4.1 shall apply.

5. PRICES AND PRICE LISTS

5.1 Price means the price indicated in the latest COMUNELLO price list for the Products delivered to the Customer, including normal packaging, and excluding shipping costs (hereinafter "Price"). The latest price list issued by FRATELLI COMUNELLO SPA invalidates all previous price lists and, in the absence of different agreements, will be the one applicable to the sale.

6. PAYMENT

6.1 Payment of the Price shall be made within the period agreed between the contracting parties. Failure to pay the Price within the agreed term will result in the commencement of interest for late payment in commercial transactions, to the extent provided for by Legislative Decree no. 231 of 9.10.2002 and subsequent amendments and additions. Such interest will run from the expiration of the payment period, without prejudice to the greater damage suffered by COMUNELLO.-

6.2 The Customer may not propose questions or make exceptions against COMUNELLO except after having paid the Price.

6.3 In the event of payment irregularities, COMUNELLO reserves the right to suspend the execution of all purchase orders, even if different from those for which the delay or non-fulfilment by the CUSTOMER has occurred, without any prior notice or right to compensation for any damage by the CUSTOMER.

7. RETURNS AND COMPLAINTS

7.1 All complaints must be made in writing within 8 (eight) days of receipt of the Products, whether they relate to the quantity or quality of the Products delivered.

7.2 Returns of the Products delivered will be accepted by FRATELLI COMUNELLO SPA only with prior written agreement and exclusively with regard to new Products and complete with original packaging.

7.3 Returns must be accompanied by the appropriate return transport document, indicating the written authorisation of FRATELLI COMUNELLO SPA as well as the quantity and quality of the Products.

7.4 Returns may not be considered accepted by FRATELLI COMUNELLO SPA unless made in the above manner and in particular the acceptance of returns may not be understood as the taking over of Products at the headquarters or warehouses of FRATELLI COMUNELLO SPA.

7.5 On the amount credited referring to returns not due to causes attributable to FRATELLI COMUNELLO SPA, a 30% reduction will be made to be considered as a flat-rate settlement of the damage (penalty clause), charged to the Customer due to the general costs, shipping, deterioration of the goods, age etc borne by COMUNELLO.

8. WARRANTY

8.1 This warranty in commercial relations or in the case of sale of goods for professional use is limited to the repair or replacement of the part of the Product recognized by FRATELLI COMUNELLO SPA as defective by means of equivalent remanufactured Products (hereinafter "Conventional Warranty"), the cost necessary for the repair and replacement of the

material is not included in the warranty (by way of example, labour costs, material rental, etc.).-

8.2 The application of the regulations dictated by articles 1490-1495 of the Civil Code is excluded,

8.3 FRATELLI COMUNELLO SPA guarantees the functionality of the Products within the limits indicated in point 8.1 above. Unless otherwise agreed, the validity of the Conventional Guarantee is 24 (twenty-four) months from the date of production, which can be seen on the Products. For the actuators of the Showin line the warranty is 60 (sixty) months from the date of production, while for the remaining products of the Automation Frame line the warranty is 36 (thirty-six) months from the date of production. The Warranty will be effective and binding on COMUNELLO only if the product is correctly assembled and maintained in accordance with the installation and safety rules indicated in the documentation provided by COMUNELLO or in any case found on the website www.comunello.com

8.4 The warranty does not include: breakdowns or damage caused by transport; failures or damage caused by defects in the electrical installation present at the buyer's premises and/or by neglect, negligence, unsuitability, abnormal use of such installation; breakdowns or damages due to tampering by unauthorised personnel or as a result of incorrect use/installation (in this regard, system maintenance is recommended at least every six months) or the use of non-original spare parts; defects caused by chemical agents and/or atmospheric phenomena. The warranty does not include the cost

of consumable materials, in any case COMUNELLO accrues credit for the work carried out at the customer's premises, if the latter proves to be worthless because the warranty did not apply or because the customer had used the COMUNELLO product in a negligent, careless or impervious manner, such that the correct use of the product could have prevented the installation.-

8.5 Deadlines for implementation: unless otherwise agreed, the right to the Conventional Guarantee is exercised by showing a copy of the purchase document (tax invoice) to COMUNELLO. The Customer must report the defect to COMUNELLO within the forfeiture period of 30 (thirty) days from discovery.

The action must be exercised within the statute of limitations period of 6 (six) months from discovery. The pieces of the Products for which the activation of the Conventional Warranty is requested must be sent by the Customer to FRATELLI COMUNELLO S.p.a., Via Cassola 64, 36027 Rosà (VI) Italy.

8.6 The Customer may not claim compensation for indirect damages, lost profits, loss of production and in any case may not claim as compensation sums greater than the value of the components or Products supplied. All costs for transporting the Products to be rectified or intended to be rectified, even if covered by the Conventional Warranty, shall be borne by the Customer.

8.7 No external intervention carried out by COMUNELLO's technical staff is covered by the Conventional Warranty.

8.8 Specific modifications of the conditions of the Conventional Warranty described herein may be defined by the parties in their commercial contracts.

9. REPAIRS BEYOND THE WARRANTY PERIOD

9.1 The repairs of the Products requested by the Customer will be carried out by FRATELLI COMUNELLO SPA, subject to agreement on the cost of the intervention. In any event, the costs for labour and shipping (return) shall be borne by the Customer.

10. RESERVATION OF OWNERSHIP

10.1 The Products supplied to the CUSTOMER remain the property of FRATELLI COMUNELLO SPA until the full balance of the Price by the Customer, regardless of who holds the Products. Transportation and other expenses necessary for the recovery of the Products, as well as extraordinary and repeatable expenses, will be borne by the Customer.

11. PATENTS, TRADEMARKS AND DISTINCTIVE SIGNS

11.1 The Customer is aware that the Products are covered by patents and are the subject of Know-How and design constituting the exclusive property of FRATELLI COMUNELLO SPA, in accordance with the Industrial Property Code.

11.2 It is expressly forbidden for the Customer to violate these rights of FRATELLI COMUNELLO SPA and in any case the Customer may not in any way remove, suppress or in any case alter trademarks and other distinctive signs or acronyms of any kind affixed to the Products, just as it is forbidden to affix new ones of any kind. Any form of reproduction or use of the mark FRATELLI COMUNELLO SPA and any other distinctive sign on the Products is also prohibited, unless authorized in writing by

FRATELLI COMUNELLO SPA.

12. EXPRESS TERMINATION CLAUSE

12.1 Pursuant to and for the purposes of Article 1456 of the Civil Code, late payment of more than ten days, or non-payment, even partial, of the Price by the Customer, in the manner referred to in Article 6 of these General Conditions of Sale, will result in the termination of the purchase contract, with the right for FRATELLI COMUNELLO SPA to ask the Customer for compensation for the damages suffered, in addition to the return of the Products for which the Customer has not paid the Price.

12.2 The communication referred to in the previous point will be sent by registered letter with return receipt or by certified email.

13. AGREEMENTS BETWEEN THE PARTIES

13.1 In the case of agreements, pre-existing or supervening, between FRATELLI COMUNELLO SPA and the Customer, in relation to returns and payment methods, these agreements will prevail over what is established in this regard by the General Conditions of Sale.

14. GOVERNING LAW AND JURISDICTION

14.1 Purchase contracts concluded according to the General Conditions of Sale are exclusively subject to Italian law, to the exclusion of any other legislation.

14.2 All disputes that may arise in relation to the aforementioned purchase contracts will be subject to Italian jurisdiction and referred to the exclusive jurisdiction of the Court of Vicenza, even if payment is agreed by bank receipt or direct debit with the Customer.

(Italy). The contents of this catalogue are subject to change at any time and without prior notice by Fratelli Comunello SPA.

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COMUNELLO
AUTOMATION

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