



**KRONO**

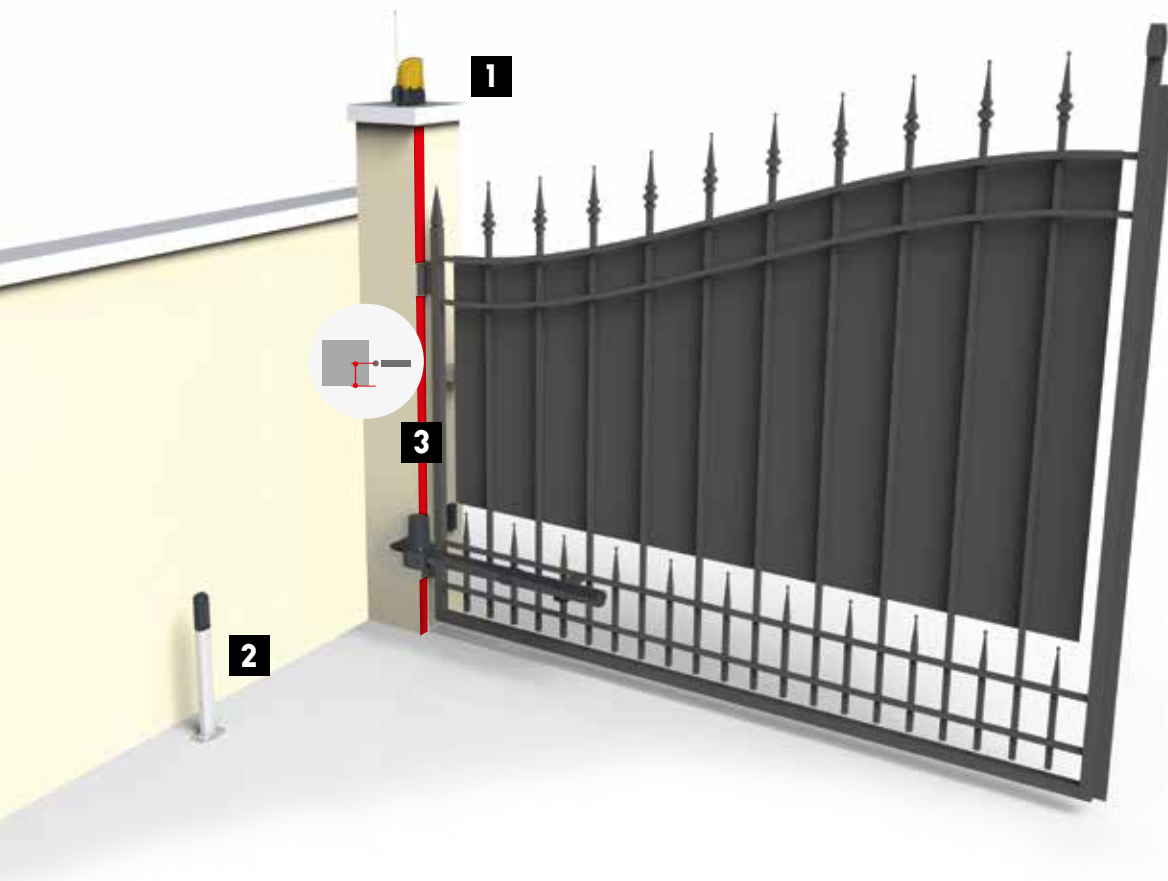
**IDEAL SOLUTION  
FOR FITTING ON  
STYLISH GATES.**

Gate leaves  
of up to 5 m

**CAME** 

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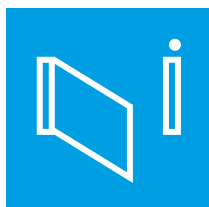
**1**  
LED flashing light  
low consumption

**2**  
Inside photocell

**3**  
C Max. Distance  
between the post's  
inside surface  
and the gate's  
rotating axis

**THE RIGHT COMPLEMENT  
FOR YOUR WROUGHT IRON GATE.**

KRONO is the ideal solution when style and quality of materials are important. It is available in many versions, and fits on swing gates measuring between 3 m and 5 m (9.8/16 ft) per gate leaf, in length.



# THE ADVANTAGES OF CAME'S **KRONO**

- Aluminum structure.
- The micro-switches are for adjusting the gate leaves' opening and closing limit-switch points.
- A reliable product in the best of CAME tradition.





## PERFECT INTEGRATION

Thanks to its stem shape and special finishing, KRONO is adaptable to many architectural settings, even the most challenging. The entire operator is made up of aluminium to ensure sturdiness and durability over time. The electromechanical motor needs no periodic lubrication and is designed to always be ready for use, even in the worst weather conditions.

## CLOSING LOCK

In case of power outages, the gearmotor is irreversible and ensure that the gate locks. If the lack of power happens when the gate is open or in movement, the practical, key-protected, mechanical release handle, lets you manually move the gate.

## UNDER CONTROL OPENING

- Gate can be stopped directly by the transmitter so every phase of the gate leave's movement is under control.
- Partial opening of the gate leaf to allow pedestrian passage.



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TRANSMITTERS



PHOTOCELLS



KEY-SWITCH  
SELECTOR



12 KEYPAD  
SELECTOR

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# CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING GATE OPERATORS



AUTOMATED OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC STREET BARRIERS



OPERATORS FOR INDUSTRIAL ENTRANCES



AUTOMATED OPERATORS FOR ROLLER SHUTTERS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES



COMPLETE SYSTEMS



## CUSTOM ELECTRONICS TO MEET YOUR NEEDS!

KRONO is available with motor at 230 V AC version.

The table shows the main characteristics of the control panels, matched to the gearmotors.

120

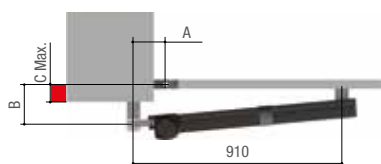
### CONTROL BOARD / CONTROL PANEL

	ZA3P	ZA3P110
<b>SAFETY</b>		
SELF-DIAGNOSING safety decives	■	■
PRE-FLASHING when opening and closing	■	■
REOPENING during closing	■	■
RECLOSING during opening	■	■
Obstruction WAIT		
TOTAL STOP	■	■
PARTIAL STOP	■	■
OBSTRUCTION DETECTION in front of photocells	■	■
ENCODER		
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device		
AMPEROMETRIC DETECTION		
<b>COMMAND</b>		
PEDESTRIAN OPENING 1 leaf		
PARTIAL OPENING 1 leaf	■	■
OPEN ONLY from transmitter and/or from button	■	■
ONLY OPEN or ONLY CLOSE button connection	■	■
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	■	■
OPEN-CLOSE-INVERT from the transmitter and/or button	■	■
MAINTAINED ACTION from button	■	■
DELAYED OPENING 1st leaf	■	■
DELAYED OPENING 2nd leaf	■	■
<b>CHARACTERISTICS</b>		
FLASHING LIGHT connection	■	■
CYCLE LIGHT connection	■	■
COURTESY LIGHT connection	■	■
Antenna connection	■	■
OPEN ALERT LIGHT connection	■	■
Contact output for 2nd RADIO CHANNEL	■	■
OPERATING TIME adjusting	■	■
SELF-LEARNING of the transmitter's RADIO CODE	■	■
Connection for the ELECTRIC LOCK and/or RAMMING	■	■
Adjustable AUTOMATIC RECLOSING TIME	■	■
OPENING and/or CLOSING slow downs	■	■
EMERGENCY BATTERY operation (optional)		
TRAVEL and SLOW DOWN SPEEDS adjustable*	■	■
<b>DISPLAY</b>		
Self-learning of the opening and closing gate-travel		
CAME Connect		
Designed to fit RIO System 2.0		
CRP control		
ENERGY SAVINGS control (001RGP1)		

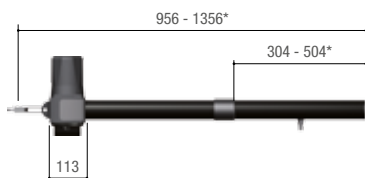
NOTES: \* 002ZA3P only slow-down speed.

■ 120 - 230 V AC

## DIMENSIONS (MM)



\* 001KR510D - 001KR510S



## APPLICATION DIMENSION (MM)

MODELS	KR300D · KR300S · KR302D · KR302S · KR310D · KR310S · KR312D · KR312S · KR301D · KR301S		
LEAF OPENING (°)	A	B	C Max.
90	130	130	60
120	130	110	50
MODELS	KR510D · KR510S		
LEAF OPENING (°)	A	B	C Max.
90	200	200	120
120	200	140	70

## OPERATING LIMITS

MODELS	KR300D · KR300S · KR302D · KR302S · KR310D · KR310S · KR312D · KR312S · KR301D · KR301S				
Max. width of leaf (m)	-	-	3	2,5	2
Max. weight of leaf (kg)	-	-	400	600	800
MODELS	KR510D · KR510S				
Max. width of leaf (m)	5	4	3	2,5	2
Max. weight of leaf (kg)	400	500	600	800	1000

## TECHNICAL CHARACTERISTICS

MODELS	KR300D	KR300S	KR302D	KR302S	KR310D	KR310S
Protection rating (IP)	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Power supply to motor (V)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC
Absorption (A)	1,1	1,1	1,1	1,1	1,1	1,1
Power (W)	130	130	130	130	130	130
Maneuvering time at 90° (s)	22	22	18	18	22	22
Duty/cycle (%)	30	30	30	30	30	30
Thrust (N)	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	150	150
MODELS	KR312D	KR312S	KR510D	KR510S	KR301D	KR301S
Protection rating (IP)	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	110 AC	110 AC
Power supply to motor (V)	230 AC	230 AC	230 AC	230 AC	110 AC	110 AC
Absorption (A)	11	11	1,1	1,1	2,6	2,6
Power (W)	130	130	130	130	160	160
Maneuvering time at 90° (s)	18	18	34	34	22	22
Duty/cycle (%)	30	30	30	30	30	30
Thrust (N)	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000	400 ÷ 3000
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	150	150



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■ 120 - 230 V AC



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UNI EN ISO 14001  
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# CAME

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Via Martiri della Libertà, 15  
31030 Dosson di Casier  
Treviso - ITALY

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