

24V SWING GATE KIT FOR A PAIR OF GATES

Up to 400kg @ 4m or up to 800kg @ 2m per leaf



Code	Description	Quantity
001 F1024 	Irreversible gearmotor with folding drive arm for swing gates measuring up to 4 m per leaf.	2
002 ZA3P	Multifunction control panel for two-leaved swing gates, with limit-switch control and slow-down speed adjusting.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0102	TOPD4FKS - Four-channel dual frequency transmitter with self-learning function, black colour. (16,777,216 in TAM mode, 4,096 combinations in TOP mode)	2
001 TOP-A433N	Tuned Antenna.	1
001 DIR10 	Pair of 12 - 24 V AC - DC outdoor photocells – range 10 m.	1



F1000

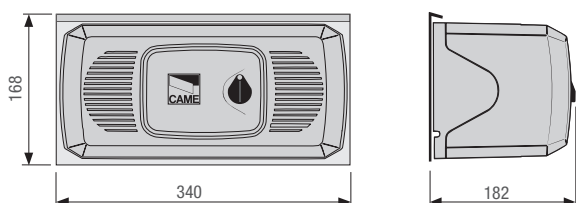
Gate leaves of up to 4 m



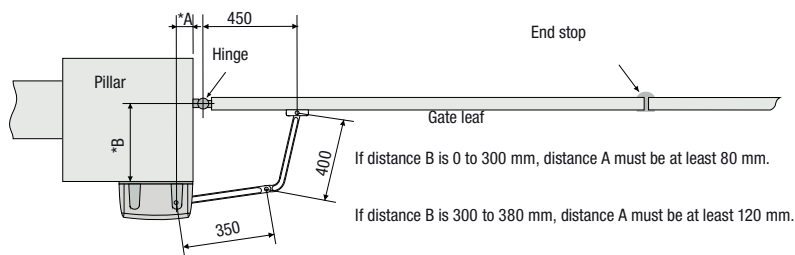
Ideal solution for residential or apartment-block applications on large posts.

- The tough automation for very large gate posts.
- Innovative design for a prestigious product, born out of careful attention to market needs.
- Supplied with an articulated-arm, but also available with straight arm, to solve any space issues during application.
- Extremely practical to install and connect thanks to its versatile, easy-to-reach end stop assembly.
- Features a practical key-protected trap-door for easy release.
- High standards of protection from environmental agents.

Dimensions (mm)



Application (mm)



Application dimensions (mm)

Operational limits

MODEL	F1000					
Max. width of leaf (m)	4*	3,5*	3*	2,5*	2	
Max. weight of leaf (kg)	400	450	500	600	800	

NOTES: * It is obligatory to fit an electric lock on the gate leaf.

Technical characteristics

MODELS	F1000
Protection rating (IP)	IP54
Power supply (V - 50/60 Hz)	230 AC
Absorption (A)	15 Max
Power (W)	150
Maneuvering time at 90° (s)	ADJUSTABLE
Duty/cycle (%)	INTENSIVE USE
Torque (Nm)	470
Operating temperature (°C)	-20 ~ +55 / -4 ~ +131
Motor's heat protection (°C)	-

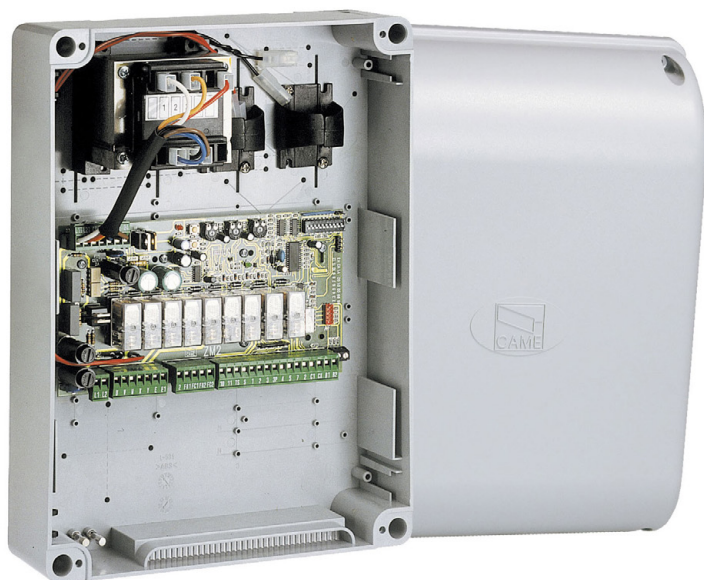
ZL170N

Control panel

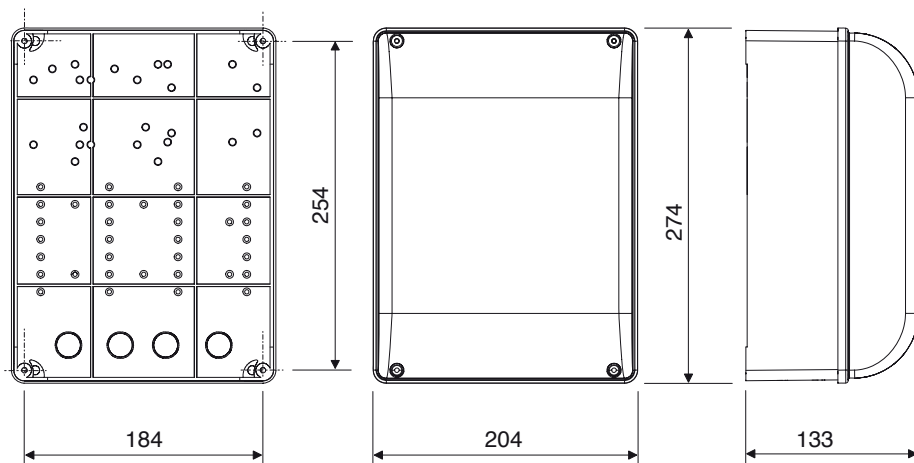


Control panel for 24V gearmotors

- The ZL170N control panel is engineered to command single 24V DC powered gearmotors of the FERNI, EMEGA and FROG series.



Dimensions (mm)



Technical characteristics

MODELS	ZL170N
Protection rating (IP)	IP54
Power supply (V - 50/60 Hz)	230 AC
Input voltage motor (V)	24 DC
Power draw when idle	120 mA
Maximum power for 24V accessories	40W
Circuit insulation class	□
Container material	ABS
Working temperature	-20 / +55°C

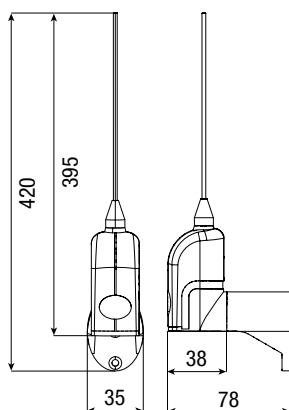
ACCESSORIES

TOPA433N

Tuned Antenna for 433.92Mhz



Dimensions (mm)



Operational limits

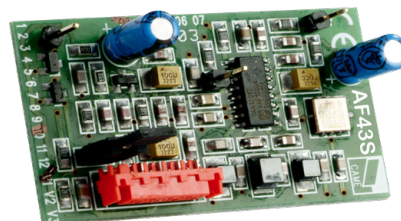
MODELS	TA433N
Max. range of radio (m)	50 ÷ 150

Technical characteristics

MODELS	TA433N
Radio signal frequency (Mhz)	433.92Mhz

AF43S

Radio frequency control card 433.92MHz



- Dip-switches for code and function selection
- Function enabling button
- Red signalling LED
- Green signalling LED
- Backup board
- Plug-in connector on receivers

Technical characteristics

MODELS	AF43S
Power supply (V±10%)	5
Current draw (mA)	5.5
Encoding type	ASK
Operating temperature (°C)	-20 to +55
Sensitivity (dBm)	-107

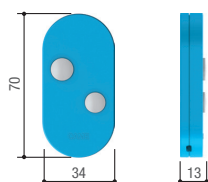
TOPD4FKS

Radio command at 433.92 and 868.35 Mhz fixed code



- Manages several operators on different frequencies.
- One device to manage two frequencies, that is, 433.92 MHz and 868.35 MHz.
- Uses only one CR2032 battery.
- Flat battery alert
- No setting required when selecting the frequency
- Comes in two-channel and four-channel versions.
- Available in six different colours.
- Surface-mounted receiver modules 806RV-0010 and 806RV-0020 - CAME KEY compatible.

Dimensions (mm)



Operational limits

MODELS	806TS-0102
Max. range of radio (m)	50 ÷ 150

Technical characteristics

MODELS	806TS-0102
Combinations	4.096 - 16.777.216
Radio signal frequency (Mhz)	433,92 - 868,35
Operating temperature (°C)	-20 ÷ +55
Material	POLYCARBONATE

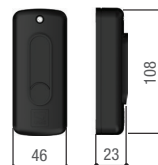
DIR10

Photocells



- Control the gate's area of movement
- Infrared beam, even synchronised, to prevent any external signal disturbances.
- For the DIR series photocells, there is a double-height post, and a new PVC version of the post, for installing in entry and exit points where heavy vehicles drive through.
- High degree of protection against weathering.

Dimensions (mm)



Operational limits

MODELS	DIR10
Max. range of radio (m)	10

Technical characteristics

MODELS	DIR10
Protection rating (IP)	54
Power supply (V)	12 - 24 AC - DC
Absorption	60
Max. rating of 24 V (A) relay contacts	0,5
Operating temperature (°C)	-20 ÷ +55
Material	ABS - POLYCARBONATE