

ATS 8K01MP-0415



CAME 



24V SWING GATE KIT FOR A SINGLE GATE

Up to 400kg @ 5m or up to 1000kg @ 2m



Code	Description	Quantity
001 ATS50DGS	Irreversible gearmotor for swing gates up to 3m per leaf.	1
ZLX24S 	Multifunctional control panel, with 230 V AC power supply, for 24 V double-leaf gates, with programming and graphical signaling display, self-diagnosis of safety devices, Adaptive Speed & Torque Technology, CXN BUS, 4 safety inputs and storage for up to 1000 users.	1
001 AF43S	Plug-in radio-frequency control card	1
806TS-0270	TOP44RBN - Four-channel 433.92 MHz rolling code transmitter. 4,294,967,896 combinations.	2
001 TOP-A433N	Tuned Antenna.	1
806TF-0100 	Pair of surface mounted synchronised infra-red beam BUS photocells.	1



ATS50DGS

Gate leaves of up to 5 m



ATS is the automation for swing gates that can be installed in any setting, even on very deep posts

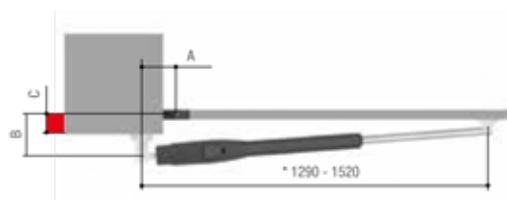


- Universal solution for installation posts with C max up to 200mm.
- Resistant telescopic motor made of aluminium and steel
- Versatile and reliable with 230 V AC and 24V DC versions.
- Perfect slowdown management and obstacle detection thanks to the encoder.
- Silent and fluid movements thanks to the bevel gear motor.
- Modern design and tapered shape thanks to the axial gearmotor.

Dimensions (mm)



Application (mm)



* Dimensions related to models 801MP-0050 - 801MP-0070

Application dimension (mm)

MODELS	801MP-0080		
	A	B	C Max.
GATE LEAF OPENING (°)			
90	200	200	150
90	200	270	200
90	-	-	-
120	200	140	70

Limits to use

MODELS	801MP-0080				
Maximum door-leaf length (m)	5	4	3	2.5	2
Max leaf weight (kg)	400	500	600	800	1000
Max. leaf opening (°)	120	120	120	120	120

For leaves longer than 2.5 m, it is always recommended to install an electric lock, to ensure efficient closing of the gate. Its installation is mandatory in the case of irreversible gear motors.

Technical features

MODELS	801MP-0080
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Motor power supply (V)	24 DC
Cycles/hour	CONTINUOUS SERVICES
Current draw (A)	8 Max
Power (W)	80
Opening time at 90° (s)	15 to 30
Thrust (N)	400 to 3000
Operating temperature (°C)	-20 to +55

ZLX24S

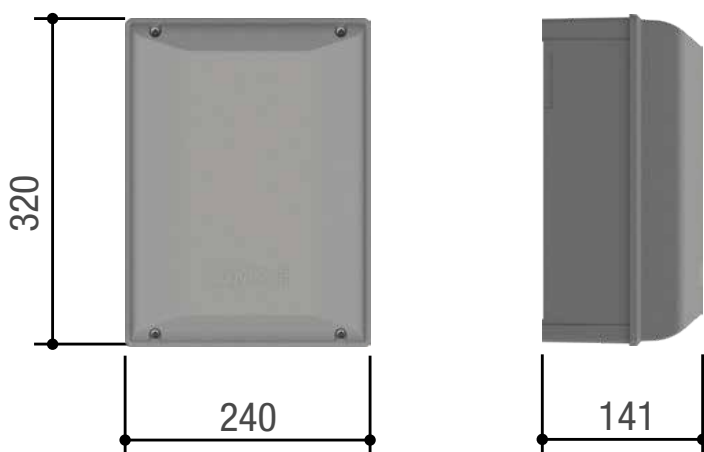
Control panel



Control panel for 24V gearmotors

- Multifunction control panel for swing gates with two leaves. Graphic programming display and signalling and self-diagnostics using safety devices.

Dimensions (mm)



FUNCTIONS

MODEL	801QA-0060
Settable safety inputs	4
CNX BUS inputs	YES
Output B1 - B2	YES
RIO System 2.0	YES
CAME KEY and Gateway slot	YES
Adaptive Speed and Torque Technology	YES
Virtual Encoder management	YES
Users number	1000
Clock module	YES
PCB plastic cover	YES

TECHNICAL FEATURES

MODEL	801QA-0060
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Operating temperature (°C)	-20 ÷ +55
RAL color	7024
Cabinet material	ABS

- 24 V DC

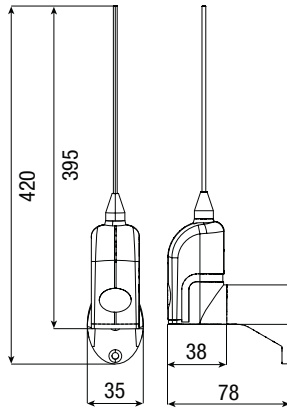
ACCESSORIES

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

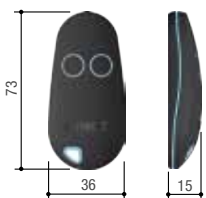
TOP44RBN

Rolling code 433.92 radio control



- Self-learning from transmitter to transmitter.
- Self-learning from TOP, TAM and TWIN series radio controls.
- More secure thanks to the dynamic code for the rolling code version.
- It can be configured remotely via gateway or locally via GAME KEY.

Dimensions (mm)



Operational limits

MODELS	806TS-0270
Max. range of radio (m)	50 ÷ 150

Technical characteristics

MODELS	806TS-0270
Combinations	4.294.967.896
Radio signal frequency (Mhz)	433,92
Operating temperature (°C)	-20 ÷ +55
Material	POLYCARBONATE

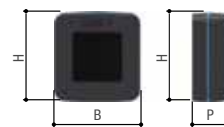
DLX BUS

Photocells



- Control the gate's area of movement
- It can synchronize up to eight pairs of photocells, with no disturbances, plus no wiring required between the transmitter and the receiver.
- Adjustment of the infrared beam range from 10 to 30 meters.
- Filter function to prevent false detections due to bad weather or direct sunlight.
- Settable contact output so the photocell can double as a control device.
- Alignment function between transmitter and receiver.

Dimensions (mm)



Operational limits

MODELS	806TF-0100
Max. range of radio (m)	30

Technical characteristics

MODELS	806TF-0100
Protection rating (IP)	54
Power supply (V)	CXN BUS
Absorption	-
Max. rating of 24 V (A) relay contacts	-
Operating temperature (°C)	-20 ÷ +55
Material	ABS – ALUMINIUM