

Couper 24

Automation for swing gates with leaves up to 2 m - 250 Kg



MECHANICAL RELIABILITY

Couper is the ideal automation for swing gates up to 2 m - 250 kg. The mechanical system, inserted into two strong die-cast aluminium frames, is designed to guarantee great performances in any environmental condition.

EASY INSTALLATION

Just two cables for the electric connection of Couper. The access to the terminal block, set in the upper part of the operator, simplifies its connection and installation. The regulation of the travel is simple and fast thanks to adjustable mechanical stops.

ADVANCED ELECTRONICS

The control unit Star 224 box radically simplifies every fitter's job and guarantees high performances in terms of safety, durability and speed. Plastic frame, replacement fuses and removable memory card: these are just some examples of the functionality and the design of this reliable and innovative product.

The software technology PWM (Pulse width modulation) guarantees safety in case of obstacles and allows the regulation of the speed on opening and closing of the gate.

1. CONNECTION COMPARTMENT

Easy and fast to install thanks to its position in the upper part of the operator.

2. LIMIT SWITCH

Fast regulation of the travel with strong mechanical stop.

3. ELECTRONICS

Programming with self-learning function, adjustable functions through dip-switches and regulation of power and speed through trimmers.



COUPER 24 - TECHNICAL DATA

Motor supply	(Vac/Vdc)	24
Power	(W)	80
Speed	(m/sec)	0.013 ÷ 0.016
Travel	(mm)	360
Protection level	(IP)	44
Weight	(kg)	6
Max length of the gate	(m)	2
Max weight of the gate	(kg)	250
Work cycle	(%)	50
Dimensions	(mm)	100x104x780
Working temperature	(°C)	-20 ÷ +50

Couper 24

AUTOMATION - AVAILABLE VERSIONS

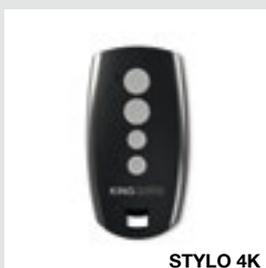
Code	Motor	Mechanical stop	Fixing kit	Protective brushes	Wing max dimensions
Couper 24	24 Vdc	• (1)	•		2 m; 250 kg

Couper 24 Kit

KIT - AVAILABLE VERSIONS

Code	COUPER 24	STAR 224 BOX	STYLO 4K	IDEA 24 PLUS	VIKY 30	TAB	Wing max dimensions
Couper Kit 24	• (2)	•	• (2)	•	•	•	2 m; 250 kg
Couper Kit 24 LT	• (2)	•	• (1)		•		2 m; 250 kg

24 V version also available for markets with 110 V mains power supply



ACCESSORIES



STP 200
Screw-adjustable rear bracket
(2 pc/pack)



STA 200
Screw-adjustable front
bracket (2 pc/pack)



BK 200
Adjustable mechanical travel
stops (2 pc/pack)



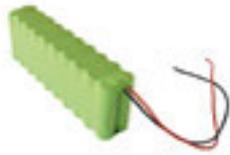
LOCK HO
Horizontal 12 V electric lock



LOCK VE
Vertical 12 V electrical lock



SELC 100
Card for electrical lock



BAT M 016
24 V 1.6 Ah battery



BAT K2
Battery charge card
for BAT M016



STAR 224 KG
Spare control unit for Star
224 box with MEMO 200
and plastic protection

INSTALLATION DIAGRAM

Basic installation

1. Couper
2. Transmitter
3. Photocells mounted on posts
4. Photocells
5. Flashing light
6. Control unit
7. Key or digital switch

