

KINGGates



# COUPER

AUTOMATION FOR SWING GATES  
WITH LEAVES UP TO 2M - 400 KG



# Couper 24

## Automation for swing gates with leaves up to 2 m - 400 kg

### MECHANICAL RELIABILITY

Couper is the ideal automation for swing gates up to 2 m - 400 kg.

**The mechanical system, inserted into two strong die-cast aluminium frames, is designed to guarantee great performances in any environmental condition.**

### EASY INSTALLATION

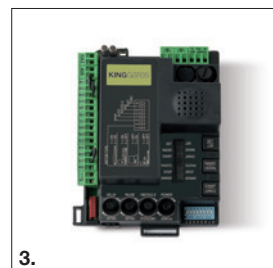
Just two cables for the electric connection of Couper. The access to the terminal block, set in the upper part of the operator, simplifies its connection and installation.

**The regulation of the travel is simple and fast thanks to adjustable mechanical stops.**

### SMART TRADITIONAL ELECTRONICS

STARG8 control units radically simplify the installer's job, guaranteeing high levels of performance in terms of safety, time and speed of installation.

A single programming method speeds up the activation of the automatic devices and managing maintenance operations becomes simple and practical.



#### 1. CONNECTION COMPARTMENT

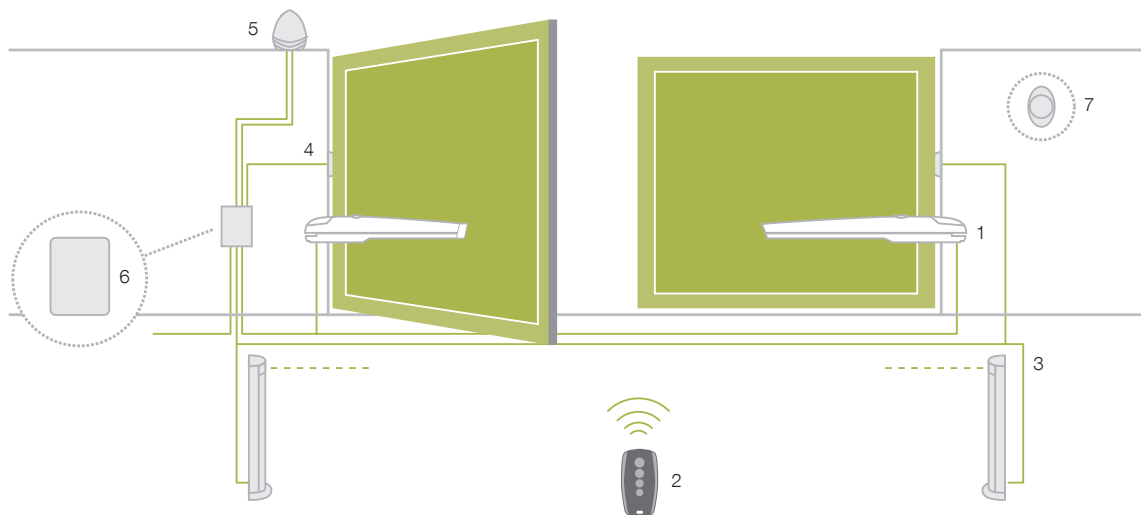
Easy and fast to install thanks to its position in the upper part of the operator

#### 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



#### BASIC INSTALLATION

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

READY FOR





## TECHNICAL DATA

Model	COUPER24	
Code	22S007	
Motor supply	(Vdc)	24
Maximum power draw	(W)	85
Speed	(m/s)	0,018
Force max	(N)	1500
Working cycle	(%)	50
Travel (without limit switches)	(mm)	320
Protection level	(IP)	44
Operating temperature	(°C)	-20 ÷ +55
Automation weight	(kg)	6
Operator dimensions	(mm)	780x100x104 h

24 V version also available for markets with 110 V / 60 Hz mains power supply

## COUPER 24

Model	Motor	Mechanical stop	Fixing kit	Wing max dimensions
Couper 24	24 Vdc	• (1)	•	2 m - 400 kg

## COUPER 24 KIT

Model	Code	COUPER 24	STARG8 24 BOX	STYLO 4K	IDEA	VIKY 30	TAB	Wing max dimensions
COUPERKIT24	29S017	• (2)	•	• (2)	•	•	•	2 m - 400 kg
COUPERKIT24VL	29S025	• (2)	•	• (2)				2 m - 400 kg

24 V version also available for markets with 110 V / 60 Hz mains power supply



COUPER 24



STARG8 BOX



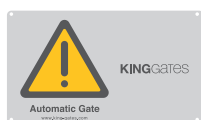
STYLO 4K



IDEA



VIKY 30



TAB





**STP200 - COD. 162259**  
Screw-adjustable rear bracket (2 pcs./package)



**STA200 - COD. 162260<**  
Screw-adjustable front bracket (2 pcs./package)



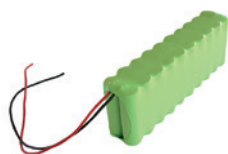
**BK200 - COD. 162268**  
Adjustable mechanical travel stops (2 pcs./package)



**LOCKHO - COD. 162913**  
Horizontal electro lock 12 V



**LOCKVE - COD. 162912**  
Vertical electro lock 12 V

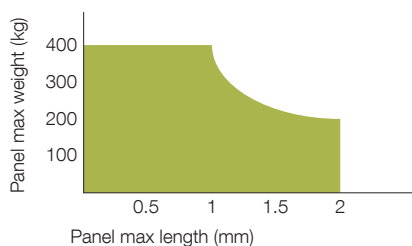
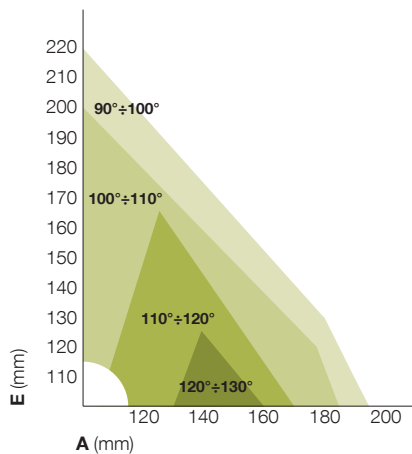
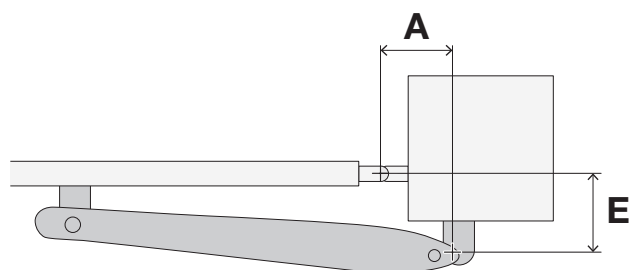


**BATM016 - COD. 161237**  
24 V 1.6 Ah battery



**BATK3 - COD. 161232**  
Battery charge card for BAT M016

LIMITS OF USE FOR THE PRODUCT





## **APP FOR THE INSTALLER**

The Kingspecialist App allows you to complete all the programming phases of the installation, directly on the smartphone and tablet.



# **KING**SPECIALIST

### **BASIC PROGRAMMING**

Automatic learning procedure, custom setting of the slowdown points, speed and direction of the motor. Realtime feedback of trimmers values (motor power, obstacle sensitivity, delay, pause), Dip-switches and connections instructions.

### **ADVANCED SETTINGS**

Advanced programming. Setting of AUX, HAZ and GSI outputs. Management of inputs for photocells. Setting of wired inputs. Speed and slowdown points custom configuration. Power saving mode (Standby). Backjump adjustment. Factory settings reset.

### **MEMORIZING REMOTE RADIO CONTROLS**

Quick and easy procedure for memorizing remote radio controls near control panel, without having to access it. Copy of transmitters functions. Management of MEMO 2000 module (remote controls backup and restore on replacement control board).





**KING**Gates

**Brand of V2 S.p.A.**

Corso Principi di Piemonte 65/67  
12035 RACCONIGI CN (ITALY)