



# INTRO

AUTOMATION FOR SWING GATES WITH LEAVES  
UP TO 4 M - 650 KG, UNDERGROUND INSTALLATION



# Intro

## Automation for swing gates with leaves up to 4 m - 650 kg

### DESIGN AND TECHNOLOGY

#### The underground installation makes the automation completely invisible

without altering the appearance of the gate. The solid die cast aluminium and IP67 watertight seal ensure reliable operation and low maintenance. In the event of power failure, manual opening of the gate is immediate thanks to the release lever accessory, or in the 24 V version, the battery buffer system.

### COMPLETE RANGE

The Intro automation is available in 230 V and 24 V versions, with electrophoretic painted and stainless steel boxes for a long working life and two types of release device, lever or key operated.

### 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.

#### STARG8

1 control unit 24 Vdc and 1 control unit 230 Vac, for all gate motors.

Practical regulation using trimmers, self-learning gate travel programming using a single method, diagnostic LEDs and dip-switches for setting operating modes. Management of slow-down options, speed regulation and obstacle control in all versions. Plastic cover with explanatory labels and spare fuses.



#### 1. RELEASE

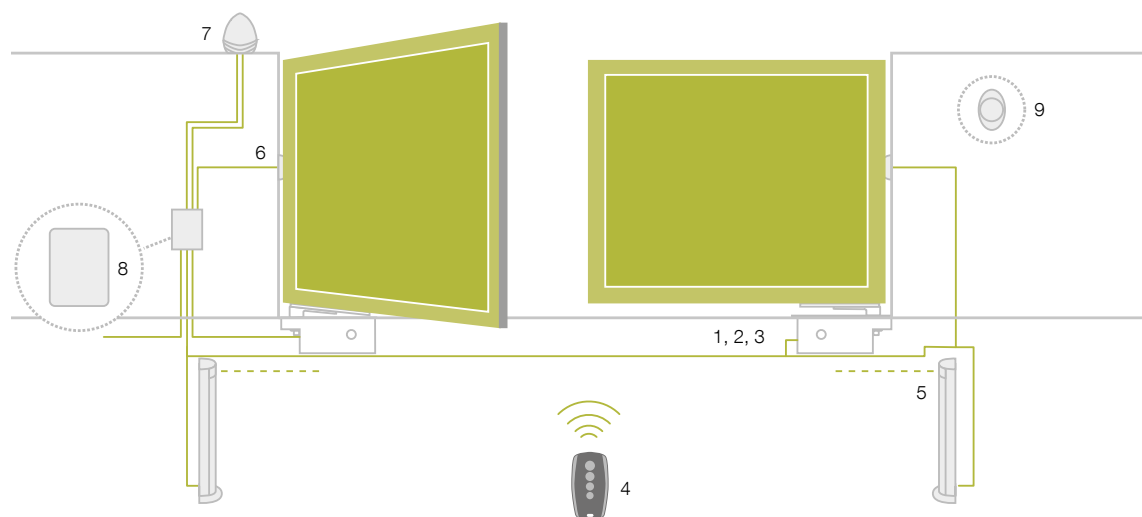
Available with key or lever

#### 2. FOUNDATION BOX

Tough extra thick foundation box

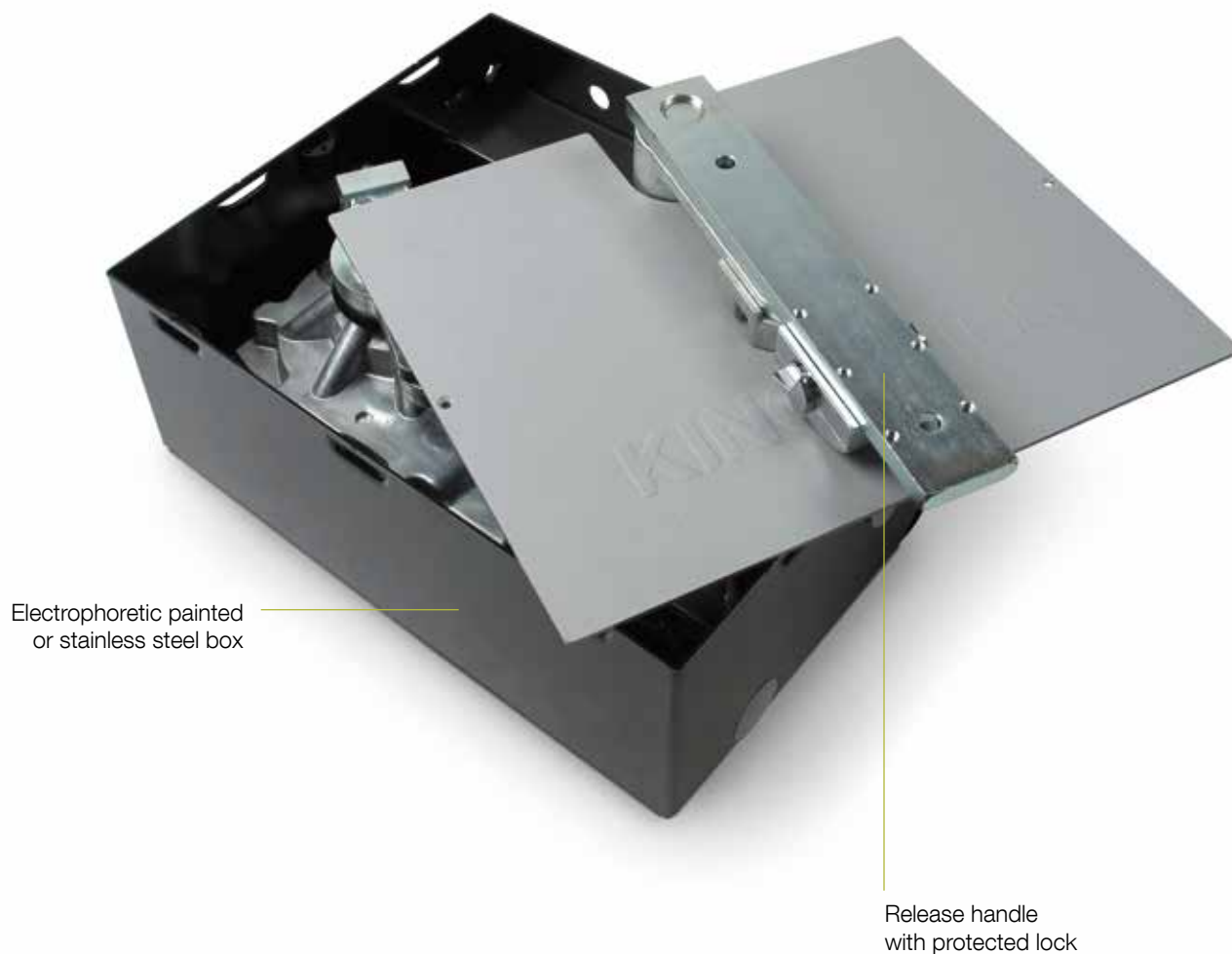
#### 3. MECHANICAL STOP

Opening and closing stop as standard



#### BASIC INSTALLATION

1. Operator Intro
2. Foundation box
3. Unlock system
4. Transmitter
5. Photocells mounted on posts
6. Photocells
7. Flashing light
8. Control unit
9. Key or digital switch


**TECHNICAL DATA**

Code		INTRO 24-400	INTRO 230-400
Motor supply	(Vac 50 Hz / Vdc)	24 Vdc	230 Vac
Maximum power draw	(W)	120	340
Speed	(rpm)	1	0.85
Torque max	(Nm)	300	500
Working cycle	(%)	80	30
Protection level	(IP)	67	
Operating temperature	(°C)	-20 ÷ +55	
Automation weight	(kg)	12.5	14.3
Foundation box dimensions	(mm)	400x325x152 h	

## INTRO

Code	Motor	Mechanical stop in closing	Wing max dimensions
INTRO 230-400	230 Vac	•	4 m - 650 kg
INTRO 24-400	24 Vdc	•	4 m - 650 kg

## UNDERGROUND BOX

Code	Zinc coated steel frame	Stainless steel frame	Lever unlock system	Mechanical stop in opening
INTROBOX 400	•		-	•
INTROBOX 400 S		•	-	•

Introbox boxes do not include the release lever. To complete the kit, add the "INTRO LOCK" or "INTRO KEY" code (see accessories)

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



STARG8 BOX





**INTRO LOCK**  
Lever release unlock system



**INTRO KEY**  
Key release unlock system



**INTRO FR**  
Adapter for foundation boxes



**INK**  
Lever-type unlock for INTRO LOCK (4 pcs/pack)



**INT 360**  
Kit for 360° leaf opening



**LOCK HO**  
Horizontal electro lock 12 V



**LOCK VE**  
Vertical electro lock 12 V



**BAT M016**  
24 V 1.6 Ah battery



**BAT K3**  
Battery charge card for BAT M016

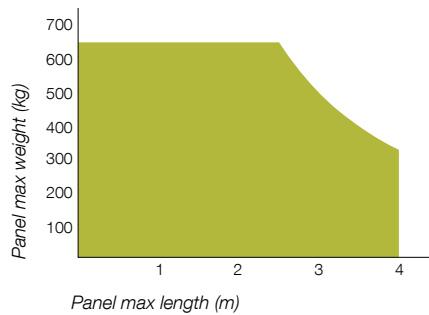


**STARG8 24**  
24 Vdc spare control unit



**STARG8 AC**  
230 Vac spare control unit

**LIMITS OF USE FOR THE PRODUCT**



# THE KING SPECIALIST



## KINGspecialist app for installers

The KINGspecialist app allows you to complete all installation setup phases directly from your smart phone or tablet.

### Thanks to the wifi module,

which can be coupled to STARG8 central units, every professional can now manage all the functions offered by the KING Smart Traditional electronic device simply and intuitively.

The App also introduces new functions, such as scheduling of periodical system maintenance, central unit check-ups and remote control management.



KGFL-INTRO/EN/00

## KINGgates relies on a network of expert professional installers.

KINGspecialist is a programme available only to installers: KINGgates quality in the form of a service. Installer-friendly innovations and continuous updates to keep growing together.



**KINGgates**  
[www.king-gates.com](http://www.king-gates.com)

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