

Trigon 02



G-WAY
BUS

ENV
PATENT

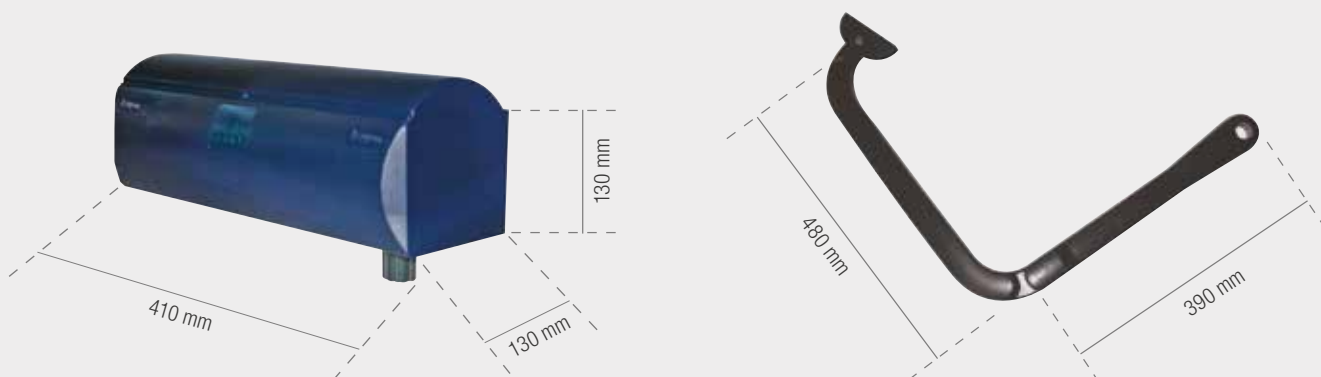


MOTOR FOR SWING GATES

- Leaves up to 3 m
- Release with customised key
- Sturdy inner kinematic mechanism made of a bronze crown and steel worm-screw
- G-WAY system (with Brain 17 and Brain 15 control boards)
- Transmission arm designed to prevent shearing
- Available versions 230V and 24V
- Opening and closing slow down available in both versions
- It allows installation on large pillars.

Code	Name	Version	Voltage	Leaf max. length	Use
6170150	Trigon 02	Non-reversible (arm included)	230V	3 m.	Residential
6170151	Trigon 02-24	Not-reversible (arm included)	24V	3 m.	Residential

OPERATOR DIMENSIONS



Technical Specifications	Trigon 02	Trigon 02 - 24
Power supply (V)	230	
Electric motor (V)	230	24
Nominal power (W)	280	40
Current (A)	1.2	2
Thermal Protection (°C)	140	-
Capacitor (µF)	8	-
Max. torque (Nm)	250	200
Angular speed (°/sec)	8	
Leaf opening time at 90° (sec.) ¹	18	
Frequency of use at 20 °C	S3 - 30%	continuous
Operating ambient temperature (°C)	-20 +55	
Protection class	IP44	
Weight (kg)	11.5	

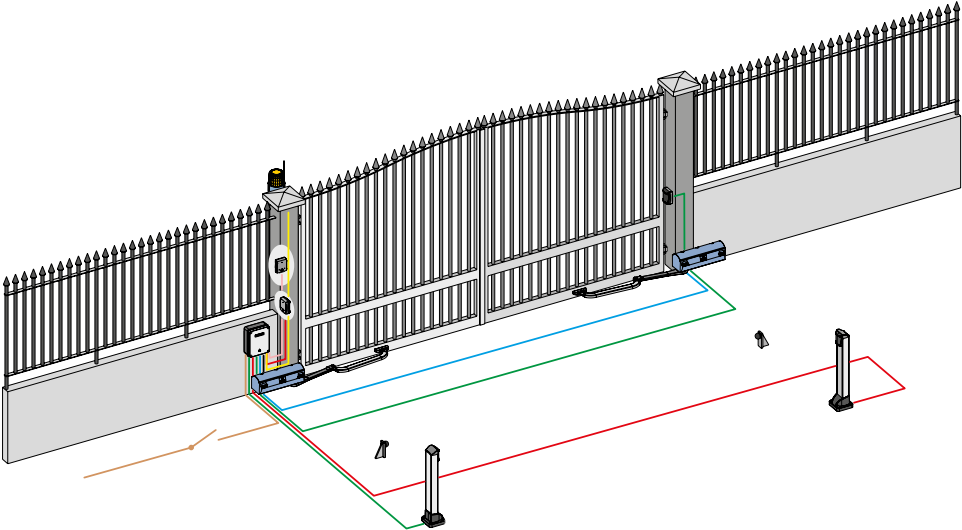
CONTROL BOARDS

Brain 17	Page 66
Brain 592	Page 66
Brain 15	Page 67

N.B.

1 - Opening time and max. leaf dimensions calculated for correctly executed installations at the dimensions indicated in the installation instructions and without slow-downs.
Over 2 m, an electric lock is essential to ensure leaf blocking.

ELECTRIC WIRING DIAGRAM



- Line3x1,5 mm²
- Motor*.4x1,5 mm²
- Flashing lamp2x1,5 mm²
- Selector2x0,5 mm²
- TX photocells2x0,5 mm²
- RX photocells4x0,5 mm²

* For 24Vdc motors, use 2x2.5 mm² cables - max. distance between motor and control unit 10 m.

TYPICAL INSTALLATION EXAMPLE

Q.ty	Material description	Part number
2	TRIGON 02 Motors	6170150
1	Electronic Control Board BRAIN 17	6100304
1	Electronic Control Board Enclosure	JA320
1	RQFZ 868 MHz Frequency Module	6100146
1	Four-Channel Transmitter KIL0 TX2 JLC	6100332
1	230V GUARD Flashing Lamp	6100052
1	VEGA Photocells	6100147
1	QUICK 1 key-operated selector for outdoor use	JA31101-15

Material to add in order to get the configuration as per Wiring Diagram

Q.ty	Material description	Part number
1	Pair of ORION photocells	JA310
2	Column for photocell	JA325
2	Foundation plate for column	JA328

ACCESSORIES



LIMIT SWITCH
For motor closing or opening
limit stop.

Code 58P0653



BATTERY KIT
With recharging board.
Only for 24V models

Code 6100144