

# IGEA BT



Automation for swing gates with max. leaf length of 2.5 m and max. weight of 250 kg, residential use

Continuity of service in the event of blackout

Irreversible actuator

Adjustable limit switches

The safety of low voltage





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Automation for swing gates with max. leaf length of 2.5 m and max. weight of 250 kg, residential use



- Great versatility and flexibility of installation with IGEA BT.
- Its compact shape and articulated anti-shearing arm enables installation of pillar with a remarkable size.
- The irreversible operator keeps the gate locked when open and closed
- Adjustable built-in microlimitswitches.
- Operation in case of power supply failure is guaranteed by a battery back up unit (BT BAT) which can be supplied on request.
- Maximum anti-squash safety guaranteed by a special electronic device, adjustable for each motor, and inverts the direction in case of obstacles in opening and closing.

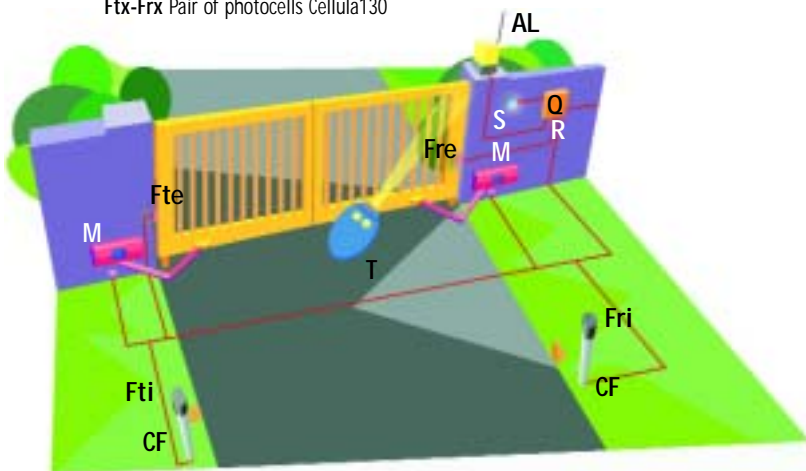
## Technical features

Power supply	24VDC
Absorbed power	40 W
Max lead length/weight	2.5 m/2000N (~200 kg); 2 m/2500N (~250 kg)
Leaf rotation speed	5.3 °/sec.
Impact reaction	torque limiter integrated in the control panel
Manual manoeuvre	release knob with personalised key
No. manoeuvres in 24 hours	100
Environmental conditions	from -15 to + 60C°
Degree of protection	IP 44
Operator weight	160 N (~16 kg)
Dimensions	see drawing

## Example of installation

M IGEA BT LIBRA  
 Q Control board ALTAIR with built-in rolling code receiver  
 T MITTO2 double-channel rolling code transmitter  
 Ftx-Frx Pair of photocells Cellula130

CF Pair of CC 130 posts  
 AL LAMPO PA 24V blinker with antenna SL433  
 S Intro key selector



## Accessories



MITTO 2 / MITTO 4: double-channel and four-channel transmitter with Rolling-Code coding.



LAMPO PA 24V, SL433: blinker supplied with 24Vac-dc and preset for antenna with 4-m cable (SL433 mod.).



CC130: pair of aluminium posts for CELLULA 130 photocells.



CELLULA130: flat, self-aligning photocell receiver-transmitter set, external installation, range up to 30 m, power supply 24Vac.



INTRO: outdoor key command. Recessed and post-mounted version.



BT BAT: ensures, through its recessed and battery charger, low-voltage operation of the swinging gate when there is no power supply.



**LIBRA MA**  
 • Control panel for the management of one or two electromechanical low voltage actuators with a power of up to 40+40 W.  
 • 3 and 4 step logics with automatic or semi-automatic operation. Motor torque electronic limiting

device. Fast closing function. Pedestrian access input. Programmable delay on second motor both on opening and closing.  
 • Supports the EELink protocol. Digital setting of parameters and logics. Visualisation of the set values on an integrated multilingual display. Autoset MENU for the automatic identification of the minimum torque requested. As prescribed by the EN12453 and EN12445 standards, LIBRA MA features a special function to check for the correct operation of the board and safety devices. Management of statistical parameters. Preset for the serial centralised control using the SCS accessory (on request). Operation in case of power supply failure is guaranteed by the special BT BAT accessory (supplied on request). 433.92 MHz rolling-code receiver and 64 codes on control panel. Extractable terminal bars for easier installation, maintenance or replacement operations.

*For system composition and installation refer to the regulations in force in the country where the system is being installed. The indicated data are not binding. BFT reserves the right to make modifications without prior notice.*