

Automation systems for sliding gates weighing up to 800 Kg



BX

The “customisable” automation system

The BX series offers a vast range of automation systems for all sliding gates weighing up to 800 Kg. It is a complete series, which best meets the diverse operational and safety requirements.



BX

230V 24V

Extremely practical and completely safe

BX is the right solution when automating sliding gates.

Thanks to highest levels of efficiency and safety provided by the circuit boards. BX is suited for numerous application contexts, both in residential and condominium settings. The series also offers several 24V versions to be used for intense work loads, and is ideal where there are frequent power outages.



DO AWAY
with laborious
release
procedures

Safety even when the gate is not in motion. If the safety devices detect an obstruction, every command is ignored.

Motion control. BX enables you to arrest the gate directly from the transmitter, giving you total control of the system.

Exclusively practical. BX-P is the version featuring the PRATICO SYSTEM - the user-friendly CAME PATENTED device which, in the event of blackouts, releases the gearmotor through the transmitter no need to search for any keys.



ENCODER technology. The gate's motion is electronically controlled, and it is safe and constant, giving you total peace-of-mind and safety when using it.

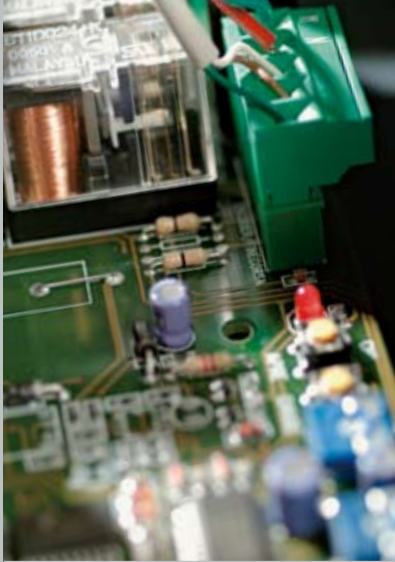


True comfort. In the event of a blackout, the electronics of the 24V versions immediately activates the emergency mode through the batteries (optional).

Designed to last over time. The high degree of sturdiness of all the components provides maximum endurance against the atmospheric agents.

Easier and safer operation. BX is fitted to take and control auxiliary lighting, which turns on every time the gate is opened, thus making the access easier and safer.





The electronics

Besides the usual control and safety functions, BX's new 230V electronics provides certain details that allows for total control of the automation device and optimal working conditions of the same. Here are some examples:

- > **Total control of the gate from the remote control**
including the possibility of immediately stopping the movement of the gate leaves.
- > **Partial opening**
of the gate to allow pedestrian passage.
- > **Safety even when the gate is not moving thanks to the special electronic circuit**
which ignores every command if an obstacle is detected by the safety devices.

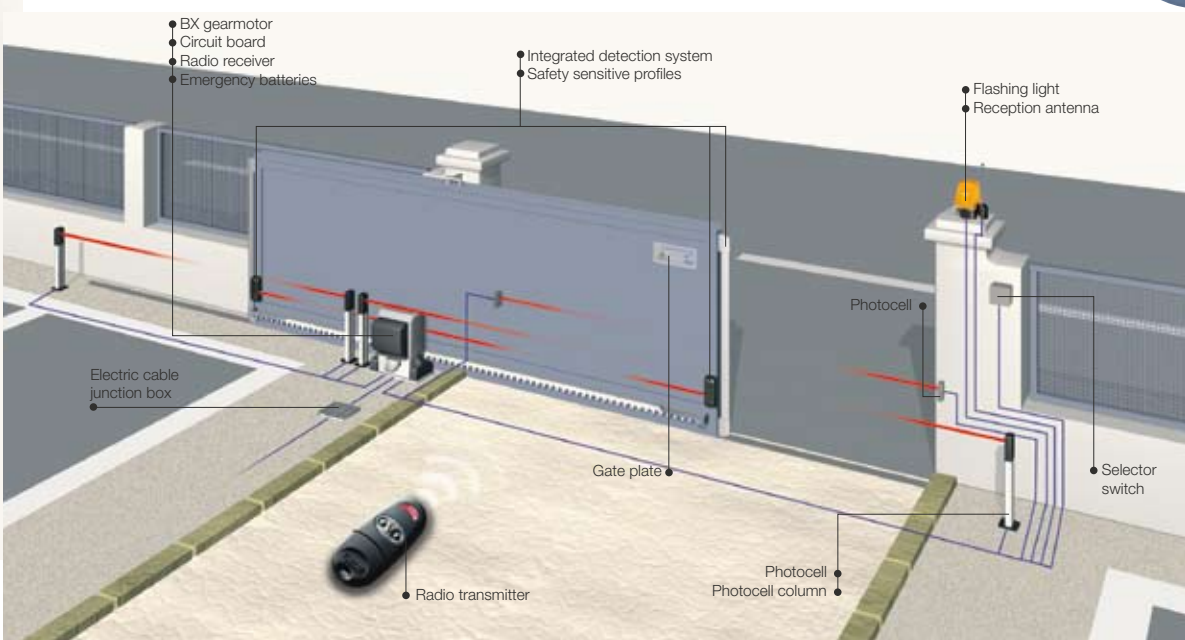
The advantages of the 24V BX

When the highest degree of comfort, performance and safety are required, BX's 24V technology elevates the potential of the automation system, particularly:

- > **Blackouts no more**
The 24V electronics automatically detects any absence of power and activates the emergency back up batteries, to open and close the gate.
- > **Frequent passages**
The low-voltage gearmotor guarantees functioning even in the harshest of working conditions, such as in condominiums and in other collective settings.
- > **Quick openings**
Adaptable to all needs, the 24V electronics enables the adjustment of the working speed of the gate leaves and provides for a smooth, soft closing as well.
- > **Obstruction detection**
A special electronic circuit constantly sweeps for any obstructions to the gate leaves, and if needed stops or inverts the direction of motion.



Standard installation:



In the event a careful analysis of the automated gate's risks were to require it, the use of sensitive safety infrared or contact profiles becomes indispensable.

The models

230V Gearmotors

- BX-A** 230V A.C. gearmotor for sliding gates weighing up to 400 Kg
BX-B 230V A.C. gearmotor for sliding gates weighing up to 800 Kg

230V Circuit boards

- ZBX-6** BASIC model circuit board with built-in radio decoder
ZBX-7 PLUS model circuit board with built-in radio decoder
B4336 Device for movement control and obstruction detection for the ZBX-7 board (for gates up to 300 kg)

Complete 230V automation systems

- BX-E** Complete automation system with 230V A.C. motor for sliding gates weighing up to 800 Kg with built-in radio decoder and ENCODER device for movement control
BX-P Complete automation with 230V A.C. motor for sliding gates weighing up to 600 Kg with built-in radio release system (the PRATICO SYSTEM) and issued 12V - 1.2Ah battery

Complete 24V automation systems

- BX-241** Complete automation system with 24V D.C. motor for sliding gates weighing up to 800 Kg with built-in radio decoder and emergency-battery control card
BX-E241 Complete automation system with 24V D.C. motor for sliding gates weighing up to 800 Kg with built-in radio decoder, ENCODER device and emergency-battery control card

Main functions:

Gearmotors	230V				24V	
	BXA/BXB	BX-P	BX-E	BX-241	BX-E241	
Circuit board	ZBX6	ZBX7	ZBX8	ZBXE	ZBX241	ZBXE24
Partial opening	●	●	●	●	●	●
Partial Stop	●	●	●	●	●	●
Inversion of opening or closing phases	●	●	●	●	●	●
Automatic Timed closing	●	●	●	●	●	●
Mechanical end stop	●	●	●	●	●	●
Electronic ENCODER end stop				●		●
Electronic obstacle detection		●		●	●	●
End-of-cycle slow down adjustment in closing and opening		●				●
Emergency release through customised key	●	●	●	●	●	●
Emergency release from transmitter			●			
Connection fitting for accessory courtesy lamp		●		●		●
Battery recharge card and designated housing (2 batt. 12V-1,2Ah)					●	●

● Optional function with B4336 device for gate leaves weighing up to 300 Kg

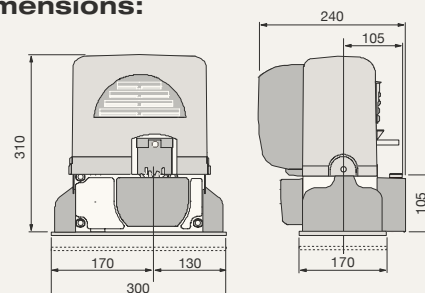
Technical features:

Type	BX-A	BX-B	BX-E	BX-P	BX-241	BX-E241
Degree of protection	IP54					
Control board power supply	230V A.C. (50/60Hz)					
Motor power supply	230V A.C. (50/60Hz)				24V D.C.	
Absorbed input	2,6A	2,4A	2,4A	2A	17A max	
Max power	200W	300W	300W	230W	400W	
Speed	10m/min			17,5m/min	12m/min	6÷12m/min
Operation intermittence	30%				Intensive use	
Traction force	300N	800N	800N	600N	700N	
Operating temperature	-20°C ÷ +55°C					

Limits to use:

Series	Max weight per gate leaf (Kg)	
	residential	condominium
BX-A	-	400
BX-B	800	600
BX-E	800	600
BX-P	600	600
BX-241	800	600
BX-E241	800	600

Dimensions:



PRODUCTS



Made in Italy



For its quality processes management Came Cancelli Automatici is ISO 9001:2000 certified, and for its environmental management it is ISO 14001 certified. Came designs and manufactures entirely in Italy.



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