

Bx



for gates of up to 400 - 600 - 800 Kg
for gates of up to 880 - 1,320 - 1,760 lb

Sliding gate operators

Introducing the refreshed Bx range. The Bx series complies with current safety standards with a range of operators suitable for all sliding gates with leaves of up to 800 Kg. A complete series to best meet different operational and safety needs of the market. It features 230V A.C. and 24V D.C. models, for all applications, including high-traffic settings.



Exclusively practical. The BX-P features the PRATICO SYSTEM – a user friendly PATENTED device which, in the event of a power cut, releases the motor through the transmitter. This enables activation from outside of the property where the release lock is usually inaccessible.



Innovative ZBX10 electronics. The BX-10 comes with new electronics – a display on which to program its functions plus an encoder to manage both decelerations and obstacle detection. The card can also store up to 250 different codes from the Touch, Top, Atorno, Tam, Tfm and Twin series transmitters.



EN TESTED. The BX-246 model, besides having the advantages of 24V systems, is tested according to the parameters set forth by European Standards EN12445 and EN12453, as concerns compliance with maximum impact forces generated by the gate during movement.



Advantages of Bx

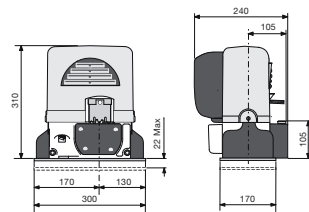
The Bx is the solution for automating medium sized sliding gates. Thanks to high levels of efficiency and safety, it is suitable for numerous applications, both in residential and apartment block settings. The series offers four 230V A.C. versions and one 24V D.C. model to be used under intense work loads and is ideal where there are frequent power cuts. The control boards are all latest-generation and fitted with all the indispensable commands for a complete system. They can be integrated at any time with any of CAME's safety and command accessories.

Limits to use

Model	BX-74	BX-P	BX-246	BX-10	BX-78
Max weight of gate leaf (Kg)	400	600	600	800	800

● 230V A.C. ● 24V D.C.

Dimensions



Dimensions in millimetres (25.4 mm = 1 in)

NOTES:
To activate the release device of item 001BX-P you will need a SECOND radio frequency card of the same series as the automation's radio command (Except for AF30 – AF40).

Technical features

Type	BX-74	BX-P	BX-246	BX-10	BX-78
Protection rating	IP54	IP54	IP54	IP54	IP54
Power supply (V) (50/60Hz)	230 A.C.	230 A.C.	230 A.C.	230 A.C.	230 A.C.
Motor power supply (V)	230 A.C. (50/60 Hz)	230 A.C. (50/60 Hz)	24 D.C.	230 A.C. (50/60 Hz)	230 A.C. (50/60 Hz)
Current draw (A)	2.6	2	10 Max	2.4	2.4
Power (W)	200	230	400	300	300
Manoeuvre speed (m/min)	10	17	6 - 12	10.5	10.5
Duty cycle (%)	30	30	Intensive use	30	30
Thrust (N)	300	600	700	800	800
Motor's thermo-protection (°C/°F)	150/302	150/302	-	150/302	150/302
Operating temperature (°C/°F)			-20 °C to 55 °C	-4 °F to 131 °F	

● 230V A.C. ● 24V D.C.

The complete range

Complete automation system with 230V A.C. motor

001BX-74 Automation system complete with control board, radio decoder, encoder-based movement control and obstacle detection devices. Also, mechanical endstops for sliding gates of up to 400 Kg / 880 lb.

Complete automation systems with 230V A.C. motor

001BX-78 Automation system complete with control board, radio decoder, encoder-based movement control and obstacle detection devices. Also, mechanical endstops for sliding gates of up to 800 Kg / 1,760 lb.

001BX-10 Automation system complete with control board featuring function programming display, built-in radio decoder, encoder-based movement control device and obstacle detection for sliding gates of up to 800 Kg / 1,760 lb in weight and 14 m / 45,93 ft in length.

001BX-P Automation system complete with control board, built-in radio decoder and PRATICO SYSTEM radio release system with a 12V – 1.2 Ah battery for gates weighing up to 600 Kg / 1,320 lb. (notes)

Complete automation system with 24V D.C. motor

001BX-246 Automation system complete with control board, radio decoder, encoder-based movement control and obstacle detection devices. Also, mechanical endstops for sliding gates of up to 600 Kg / 1,320 lb. Fitted to take two 12V – 1.2 Ah batteries.

Accessories

001R001 Lock cylinder with DIN key.

001B4337 Chain transmission device.

009CCT 1/2 in simple chain for B4337

009CGIU Joint for 1/2 in chain.

002LBD2 Card for connecting two 12V – 1.2Ah emergency batteries (for BX-246).

002RSE Allows 'Master Slave' functionality for operating a pair of sliding gate motors in synchronisation.

009CGZ Galvanized rack in rolled steel 22 x 22 mm / 0,86 x 0,86 in module 4.

009CGZP Rack in PA6 nylon and fibreglass with steel core 20 x 20 mm / 0,78 x 0,78 in module 4, with securing holes and distancers, for sliding gates of up to 300 Kg / 661 lb.

009CGZS Galvanized rack in rolled steel 30 x 8 mm / 1,18 x 0,31 in module 4 with securing holes and distancers.

Accessories Access control pages 160-165
Safety pages 166-175
Radio control pages 176-189

EN Tested Models

The BX-74 model is tested according to the parameters described by European Standards EN12445 and EN12453, concerning compliance with maximum impact forces generated by the gate during movement.

