



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.

The range

230V A.C. operators with mechanical end point and control panels

- C-BX** Operator with mechanical end point.
- ZC3** Plus control panel with boost function, safety device self-diagnosis and radio decoding.
- ZC3C** Plus control panel with boost function, safety device self-diagnosis, command buttons and radio decoding.

Control boards and casings for 230V A.C. operators with mechanical end point

- S4339** ABS casing dim. 197 x 290 mm.
- S4339C** ABS casing dim. 197 x 290 mm with safety and command buttons.
- S4340** ABS casing dim. 240 x 320 mm.
- S4340C** ABS casing dim. 240 x 320 mm with safety and command buttons.
- ZC5** Basic control board.
- ZM2** Multifunction control board.

230-400V A.C. three-phase operator and control panels

- C-BXT** Three-phase operator with mechanical end point.
- ZT6** Three-phase control panel with radio decoding and safety device self-diagnosis.
- ZT6C** Three-phase control panel with radio decoding, safety device self-diagnosis and command buttons.

Operators with encoder and control panels

- C-BXE** 230V A.C. operator with encoder.
- CZX10** 230V A.C. control panel with display, radio decoding and safety device self-diagnosis.
- ZCX10C** 230V A.C. control panel with display, radio decoding, safety device self-diagnosis and command buttons.
- C-BXE24** 24V D.C. operator with encoder.
- ZL80** 230V A.C. control panel with radio decoding and safety device self-diagnosis.
- ZL80C** 230V A.C. control panel with radio decoding, safety device self-diagnosis and command buttons.
- C-BXET** 230/400V A.C. Three-phase operator with encoder.
- ZT5** 230/400V A.C. Three-phase control panel with display, radio decoding and safety device self-diagnosis.
- ZT5C** 230/400V A.C. Three-phase control panel with display, radio decoding, safety device self-diagnosis. and command buttons.

Technical features

Types	C-BX - C-BXE	C-BXE24	C-BXT - C-BXET
Protection rating	IP54	IP54	IP54
Weight (Kg)	15	15	15
Control panel power supply (V)	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz	230-400 A.C. 50/60 Hz
Motor power supply (V)	230 A.C. 50/60 Hz	24 D.C.	230-400 A.C. 50/60 Hz
*Max power (W)	450	240	780
*Current draw (A)	3	9 max	2,5
*Max. thrust (Nm)	60	25	80
Rev. per minute (rpm)	21,5	26,5	21,5
Duty cycle (%)	30	50	50
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

*With dedicated contro panel ● 230V A.C. ● 24V D.C. ● 230-400V Three-phase

Limits to use

Types	C-BX / C-BXE	C-BXE24	C-BXT - C-BXET
Residential	Residential	Apartment blocks	Industrial
Apartment blocks	Apartment blocks	Residential	
Industrial			Industrial

Sectional doors

Motor with chain drive (C005 accessory)

Type	Max door height	Max door height	Type	Max door width
C-BX / C-BXET	up to 8,5 m	up to 5,5 m	C-BXE / C-BXE24	
C-BXE24	-	up to 5,5 m	C-BXET	up to 5,5 m
C-BX / C-BXT	up to 8,5 m	up to 5,5 m	C-BX - C-BXT	up to 11 m

Sectional doors

Sliding and sliding folding doors

Cbx

Exclusive operator for industrial and residential entrances

Designed especially for installation on sectional doors with "direct grip" transmission, the new Cbx is ideal for operating all types of industrial sliding and sliding folding door systems.

Operators for industrial and residential entrances



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Cbx 230V 24V 230/400V three-phase

Exclusive operator for industrial and residential entrances

Ideal for operating industrial sectional and sliding gate systems, the Cbx with its 110V/230V A.C., 24V D.C. and three-phase 110V/230V-400V A.C. offers innovative solutions, especially in controlling access to apartment blocks and residential environments.

Cbx with mechanical end point

A high degree of utility and versatility are the features of the Cbx range of entrance models. The modular control electronics and the range of models offer an ample choice of combinations, thus providing just the right solution to all and any application needs: from the small workshop to the large industrial facility.

Permanent micrometric adjustment

The practical micrometric level enables optimal and constant adjustment of the doors closing position.



Special size needs.
All Cbx series models can be installed in a horizontal position.



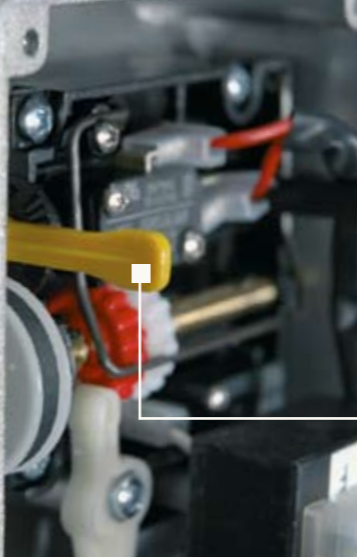
No limits to its use.
The exclusive mechanism for manual manoeuvring is equally at home with horizontal or vertical operator. Designed especially for application on sectional doors, this system allows total opening of the door without triggering the release device.

Countless strong points, all in the name of innovation

The 1" crankshaft for "direct grip" application on sectional doors.

Integrated lever for releasing the gearmotor: permits manual operation of the gate in the event of power outage. In industrial applications and on very large doors, the release function can be further facilitated with the use of a special suspended cord or with a personalized key device.

New compact and essential design: simplifies and improves application of the Cbx in several types of closures and in areas where space is at a premium.



Cbx with ENCODER

The new control panels, a standard feature of the Cbx series, offer truly innovative special functions. A whole new concept in terms of functions and safety as well as in terms of simplification of system installation and programming procedures.

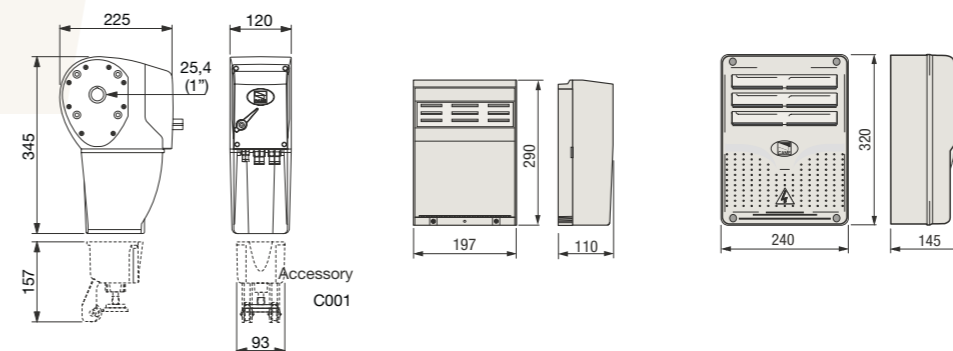
- > **Encoder-technology electronic control:** this enables reliable obstacle sensing, as well as exact adjustment of the "slow-down" and physical stop points.
- > **Digital programming** of the features with viewing on the display.
- > **Serial command:** enables centralized management and control of the closure through a PC. A standard feature of the Cbx is the software that manages up to 16 operators.
- > **Reduced force** and lower speed in the end stop phase (programmable). Adjustable slow-down speed in opening and closing operations.
- > **Programming of the differentiated control functions** (e.g. opening with automatic command/closing with maintained action command).
- > **Electronic control** of movement with obstacle detection (anti-crushing function).
- > **Comprehensive AUTOTEST** of all the safety devices connected to the system prior to activating the motor (electronic autotest).
- > **Utmost safety even with the gate stopped:** controls are immediately deactivated if an obstacle is detected by the safety devices.
- > **Control and management of the entries:** this function makes it possible to enable/disable authorization for up to 250 users with magnetic card or radio-controlled with personalized codes.
- > **Multi-user radio decoder:** with the AF43S radio card, the electronic unit in the same system recognizes signals emitted by all the Came transmitters at 433,92 MHz (Top-Tam-Atomo series).
- > **Programmable functions** of the personalized command: these enable to diversify the type of commands depending on the user's needs.



Total entry control

Every automatic device can be connected to many of the Came access control systems that can identify, memorize and allow entry or exit only to authorized personnel. The equipment can also be integrated with a global access control system for specific departments in a company or the services offered by a collective or condominium structure.

Dimensions



Sectional Door

Sliding Door

Folding sliding door

