



# The range

230V A.C. and 24V D.C. chain barriers

- CAT-X** Bollard with 230V A.C. operator and built-in control panel.
- CAT-X24** Bollard with 24V D.C. operator and built-in control panel.
- CAT-I** Bollard with counterweight and chain coupling.

### Accessories for 24V D.C. chain barriers

- LB38** Card for connecting 3 (12V - 7Ah) emergency batteries for CAT-X24.

### Accessories

- CAT 5** Genovese type 9 mm chain for passage widths up to 8 m.
- CAT 15** Genovese type 5 mm chain for passage widths up to 16 m.
- CAR 2** Floor-level chain-protection guide (2 m lengths).
- CAR 4** Underground chain-protection guide (2 m lengths).

### Technical features

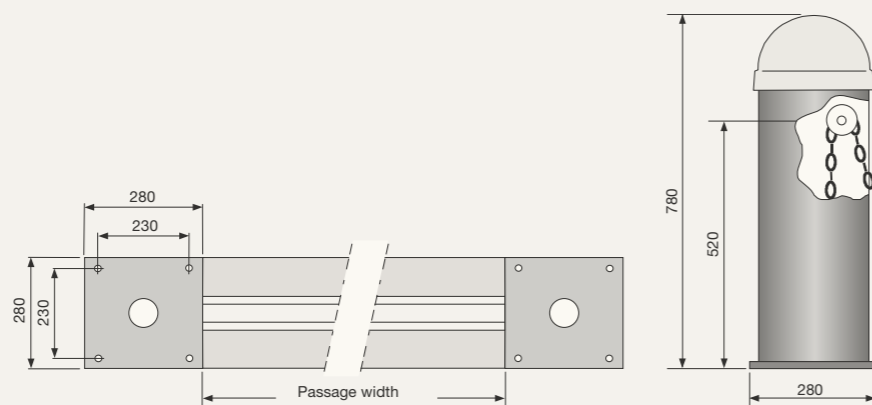
Types	CAT-X	CAT-X24
Protection rating	IP54	IP54
Power supply (V)	230 A.C. 50/60 Hz	230 A.C. 50/60 Hz
Motor power supply (V)	230 A.C. 50/60 Hz	24 D.C.
Current draw (A)	2,7	20 max
Max power (W)	300	240
Manoeuvre speed (s)	11	9 ÷ 14
Duty cycle (%)	30	intensive use
Traction force (Kg)	50	50
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55

● 230V A.C. ● 24V D.C.

### Limits to use

<b>CAT5</b>	Passage width of 8 m max, with genovese type 9 mm chain
<b>CAT15</b>	Passage width of 16 m max with genovese type 5 mm chain

### Dimensions



Automatic chain barriers for passage widths up to 16 m



# Cat

**The chain barrier that complies with the strictest architectural requirements**

A high-technology product with perfectly harmonious design features.

Cat is highly useful in delimiting single and even double private and public parking spaces.



Came cancelli automatici s.p.a.

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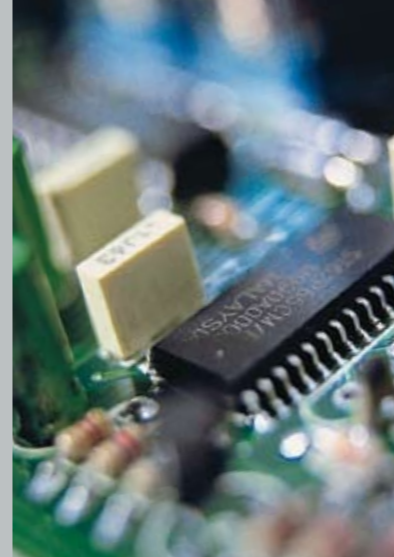
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# Cat

## 230V 24V

### Automatic chain barriers

A unique, PATENTED Came project, which is widely used in delimiting single and even double private and public parking spaces. A high-technology product designed to comply with the strictest architectural requirements. It is available in the 230V and 24V versions.



## The 230V electronics

The Cat series is equipped with new generation command electronics that ensure total control of the automatic system, thus improving and augmenting the normal command and safety functions, such as:

- > **Mechanical end points in the closing and opening phase.**
- > **Automatic closing beyond the set time** (adjustable with the trimmer).
- > **Maintained action command, by applying continual pressure of the command button for the entire duration of the opening/closing phase.**



**Perfect integration.**  
Thanks to its design, Cat is the ideal solution for selecting passages in historical centres and exclusive residential areas.



**An additional service as well.**  
The chain barrier is the ideal solution to delimit parking areas in order to restrict their use to unauthorized personnel or outside of regular hours.



**Looks and performance.**  
The Came chain barrier, is widely used in delimiting private areas.

### Extremely versatile



**Easy release.**  
During a blackout and in any emergency situation, the customized, key-operated safety padlock serves to immediately release the chain.

**Complete automation.**  
The motor, control panel, radio receiver and all the features that guarantee functioning even during a power outage, are contained within the bollard.

**A totally safe system.**  
The built-in control panel, provides low 24V voltage for the motor and all the accessories connected to the unit.

**Have global control of all access points.**  
Each Cat series automatic barrier, may be connected to the various Came access control systems that make it possible to identify, memorize and clear the entrance or exit of authorised personnel only. The system can therefore be integrated with a global access control system, such as, for example, different departments within a company, or different services offered at collective venues, apartment blocks or commercial structures.

## The advantages of the 24V Cat

Whether it be streets, parking lots, collective venues or simply specific safety and functionality requirements of the system, Cat, with its 24V technology, can rise to meet the challenge. Here are the advantages

- > **Frequent blackouts**  
The electronics of the 24V Cat immediately detects any interruption in the power supply and activates the emergency functioning using the back-up batteries.
- > **Keep the speed under control**  
Depending on your specific needs, the 24V electronics allows you to adjust the gate speed, according to your needs.
- > **Total safety**  
For total safety, all of the devices connected to the system are powered by low voltage.
- > **Obstacle detection**  
A special amperometric device regulated by the control panel, electronically detects any obstacles, and interrupts the motion of the chain.



### Standard installation

