RISE®

Smart
Moving

CAESAR

AUTOMATIC ELECTROMECHANICAL BOLLARD 24 VDC

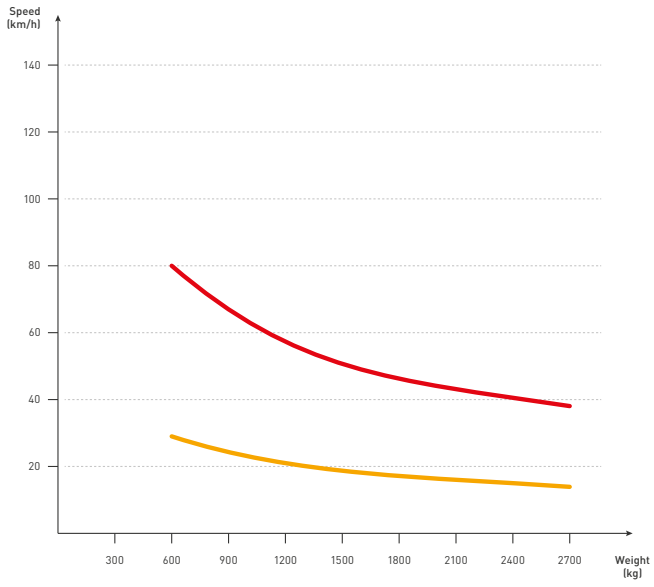
Made in Italy

CAESAR

Ø 200 mm | H 600-800 mm | Thickness 4-5 mm

- Automatic electromechanical bollard 24 Vdc, height of 600 or 800 mm, with a cylinder thickness of 4 mm in the painted version and 5 mm in the stainless steel version
- Cataphoresis treatment and “Graphite Black” painting or a brushed stainless steel AISI316 tube
- Integrated LED lights on the cylinder and a control panel capable of managing two bollards simultaneously
- Foundation box compliant with EN124 standard (25T)
- Locking mechanism in the raised position in case of power failure
- Accessories available: heater, buzzer, and battery kit
- Integrated obstacle detection system
- Adjustable speeds for raising, lowering, and slowing
- CAESAR PLUS version equipped with a custom key manual release for raising and lowering the bollard in the absence of power
- CAESAR VIG version, backward-compatible with foundation boxes of the VIGILANT 500 model

CAESAR



Impact resistance: **20.000 J**

Breakout resistance: **150.000 J**

CAESAR

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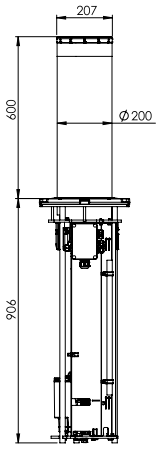
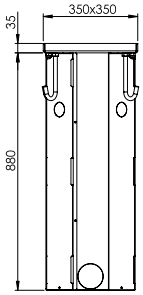
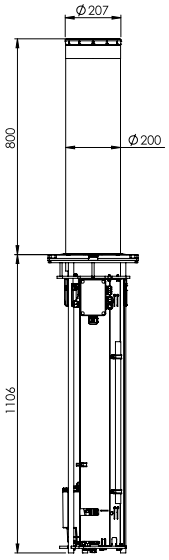
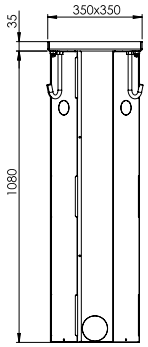


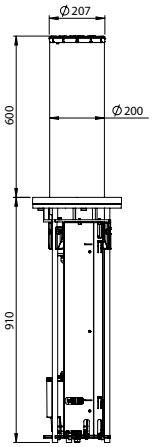
CAESAR 200/600



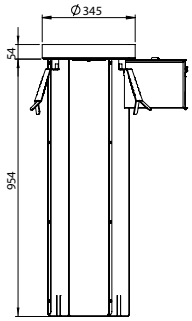


CAESAR 200/800

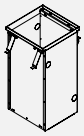




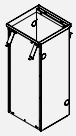
CAESAR 200/600 VIG



ACCESSORIES:



CA200/600 E
Foundation box for CAESAR 200 h 600 mm.



CA200/800 E
Foundation box for CAESAR 200 h 800 mm.

EL.TOP200
Cover for foundation box CA200/600 E or CA200/800 E.

GL.BUZZ
Buzzer.

GL.CABLE10
Cable FG10 10x1.5 mmq.

GL.HEAT
Heater for bollard, active below 5°C.

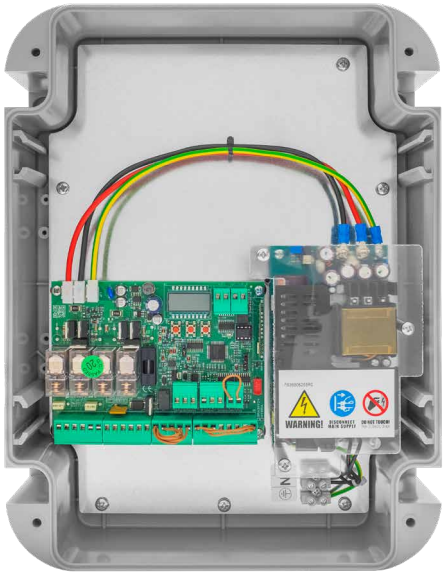
DA.BT2
2.1 Ah 12 Vdc Battery.

ROMA.CB
Battery charger for ROMA.CP.

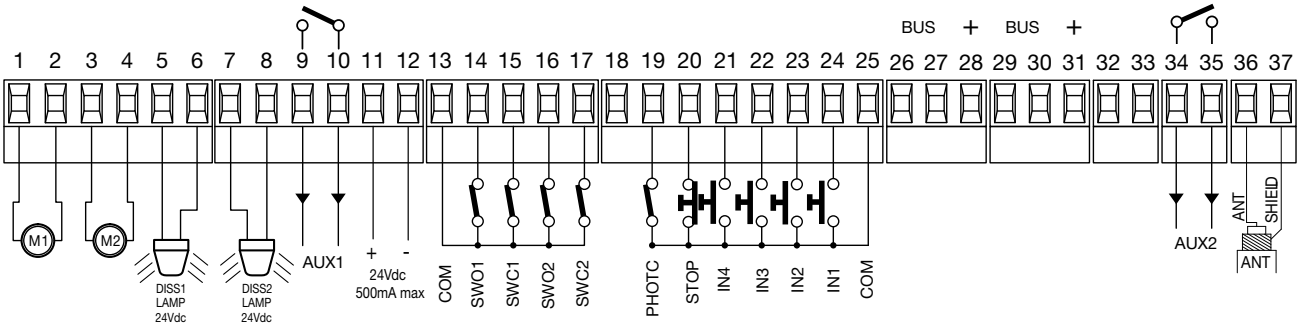
TECHNICAL DATA	200/600	200/800	200/600 I	200/800 I	200/600 PLUS	200/800 PLUS	200/600 I PLUS	200/800 I PLUS	200/600 VIG	200/600 I VIG
Code	934306691	934306693	934306692	934306694	934303143	934303144	934304122	934304123	934304145	934304153
Cylinder height	600 mm	800 mm	600 mm	800 mm	600 mm	800 mm	600 mm	800 mm	600 mm	
Cylinder diameter	200 mm									
Cylinder thickness	4 mm		5 mm		4 mm		5 mm		4 mm	5 mm
Cylinder material	Steel S235JR		AISI 316 stainless steel		Steel S235JR		AISI 316 stainless steel		Steel S235JR	AISI 316 stainless steel
Raising time with deceleration	6 s	8 s	6 s	8 s	6 s	8 s	6 s	8 s	6 s	
Lowering time with deceleration	5 s	7 s	5 s	7 s	5 s	7 s	5 s	7 s	5 s	
Power supply	230 Vac - 50/60 Hz (control panel with different voltages available on request)									
Power consumption	220 W									
Electromechanical actuator	24 Vdc									
Load index (EN124)	D250 (25 tonnes)									
Lowering cycle in case of power failure	Optional (battery kit)				Manual release				Optional (battery kit)	
Obstacle detection during raising	Integrated									
Daily cycles	1.000									
MCBF	1.000.000									
Impact resistance	20.000 J									
Breakout resistance	150.000 J									
Operating temperature	-40°C ÷ +60°C [GL.HEAT required for temperatures below -10°C]									
Protection level	IP67									
Weight (without foundation box)	56 kg	65 kg	56 kg	65 kg	56 kg	65 kg	56 kg	65 kg	56 kg	65 kg

ROMA.CP

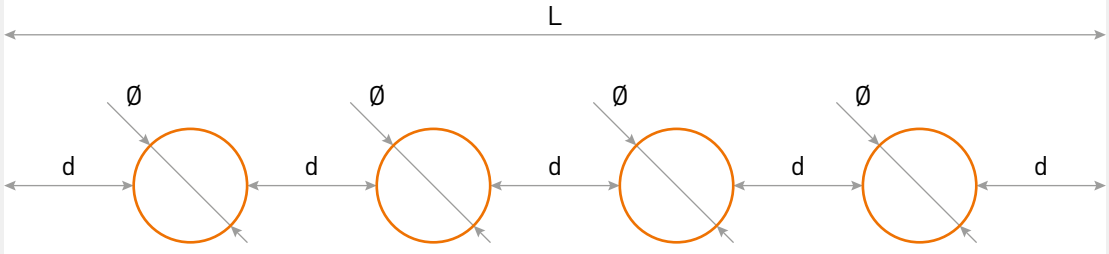
Control panel for 2 electromechanical bollards



- Control panel for 2 electromechanical bollards 24 Vdc
- Integrated radio receiver 433.92 MHz, 64 codes, 3 encoding systems
- Removable terminal blocks
- Parameter and logic regulations via integrated LCD display
- Automatic, semi-automatic, and manual modes
- Adjustable raising/lowering speed of the bollard
- Integrated obstacle detection
- Dedicated input for alarm function in case of NC entry engaged
- Programming access password
- Equipped with step-by-step PP command inputs configurable and separate for each bollard, and centralized control inputs ALL UP and ALL DOWN
- Integrated buzzer/LED management
- Separate limit switch inputs for each motor
- Inputs for loop control and safety devices
- 2 configurable outputs as status indicator for bollard
- Integrated traffic light management
- Protection rating IP54



CALCULATION OF THE BOLLARD NUMBER PER PASSAGE:



$$N = \frac{L - d_{recommended}}{Ø + d_{recommended}}$$

$$d = \frac{L - (Ø \cdot N)}{N + 1}$$

L (mm) = width of the passage for the vehicles access

N = number of necessary bollards

Ø (mm) = bollards diameter

d (mm) = distance between bollards

$d_{recommended}$ (mm) = recommended distance between bollards (1.200 mm)

RISE®
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