



24VDC

# EVA.5



## ROAD BARRIERS

control unit with integrated receiver and absolute encoder  
built-in battery charger  
external release



for passages up to 5 m



## CONTROL UNITS:

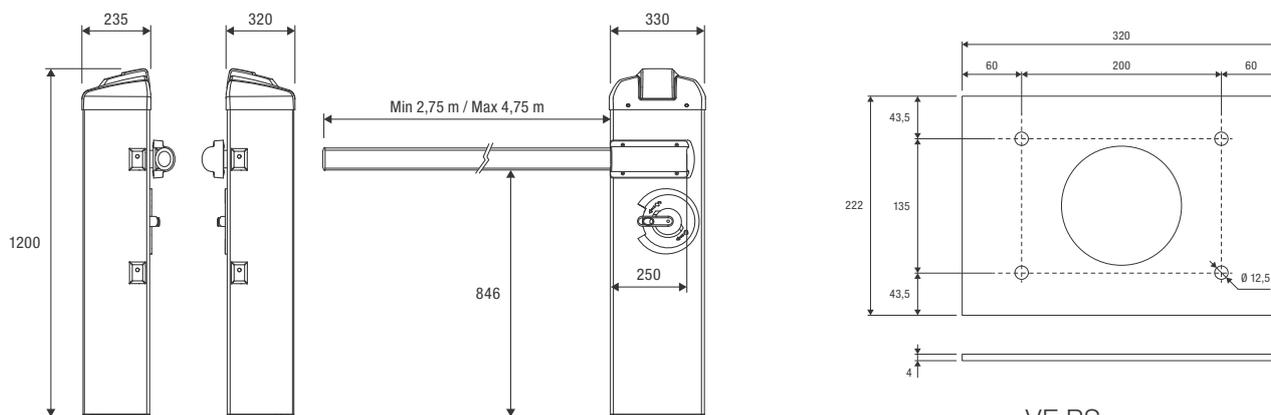
EVA.5 ————— CP.EVA



## 24 Vdc | intensive use

- 24 Vdc electromechanical barrier for intensive use with control unit with integrated receiver, battery charger and extended range switching power supply from 100 to 250 Vac
- Integrated absolute encoder, which ensures greater precision in slowdowns and advanced control of the boom movement so that it never loses the reference position of the boom even if there is a power cut or the automatic device is released
- Integrated STC System for precise torque calculation
- Easy installation and possibility of quick connection for operation of opposed barriers, thanks to the SIS accessory board
- LED.AL5 arm lights with adjustable intensity
- Reduced energy use on stand-by
- Possibility to install FTC.S photocells using concealed system so that they are perfectly integrated
- Integrated flashing lamp (requires EVA.LAMP accessory)

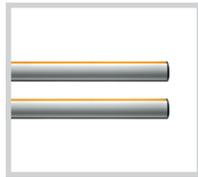
**Foundation plate not included (VE.PS)**



VE.PS



**EVA5.A**  
Painted elliptical aluminium arm complete with cap, profile in shock-proof rubber (L. 5 m).



**EVA5.A2**  
Painted elliptical aluminium arm cut into two pieces measuring 2.5 m each. Equipped with joint.



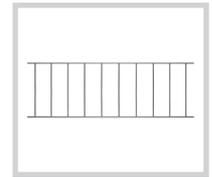
**EVA5.G**  
Aluminium joint.



**VE.PS**  
Foundation plate with coach screws.



**VE.AM**  
Mobile support for arms.



**VE.RAST**  
Aluminium rack L= 2 m. H= 60 cm



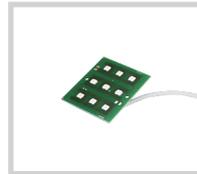
**EVA.AF**  
Painted fixed support.



**GNT.SN**  
Articulated joint set for DIVA5.A / EVA5.A arms.



**LED.AL5**  
Set of LED lights for arm. L = 5 m.



**EVA.LAMP**  
Circuit for flashing light.



**VE.CS**  
Traffic-light control unit for LED.TL.



**LED.TL**  
2 light 230 Vac LED traffic light.



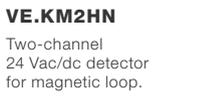
**SIS**  
Quick connection electronic board that allows synchronised movement of 2 automation devices (opposed barriers). One board for each motor is necessary.



**LSR.B**  
Laser control and safety sensor for barriers, certified EN12453 type E. Adjustable Detection area up to 9.9 m x 9.9 m.



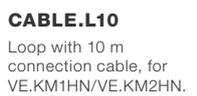
**VE.KM1HN**  
Single-channel 24 Vac/dc detector for magnetic loop.



**VE.KM2HN**  
Two-channel 24 Vac/dc detector for magnetic loop.



**CABLE.L6**  
Loop with 6 m connection cable, for VE.KM1HN/VE.KM2HN.



**CABLE.L10**  
Loop with 10 m connection cable, for VE.KM1HN/VE.KM2HN.

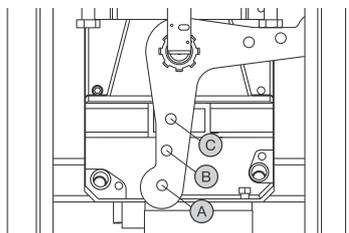


**FTC.S**  
24 Vac/dc surface mounting photocell. It is possible to synchronise up to 4 pairs of photocells.



**CAT.20**  
Set of 20 adhesive refractor strips.

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ACCESSORIES FOR USE	BAR LENGTH (m)				
	3	3,5	4	4,5	5
EVA5.A	C	C	B	B	A
EVA5.A + VE.AM	C	C	B	B	A
EVA5.A + GNT.SN	C	C	B	B	A
EVA5.A + VE.RAST	C	B	B	A	A
EVA5.A + VE.RAST + VE.AM	C	B	B	A	A
EVA5.A + SC.RES	C	B	B	A	A
EVA5.A + SC.RES + VE.AM	C	B	B	A	A

**Key:** EVA5.A: Arm with rubber and upper profile / VE.RAST: Aluminium skirt / VE.AM: Mobile support for bar / GNT.SN: Articulated joint set for arm / SC.RES: Sensible resistive edge (complying with annexe 4 of the Machines Directive).

**Attention:** Installations of VE.RAST, SC.RES and GNT.SN are mutually exclusive. The installation of the LED.AL5 lights kit does not influence the balancing of the bar.

TECHNICAL DATA	EVA.5
Power supply	100 ÷ 250 Vac (50-60Hz)
Motor supply	24 Vdc
Max absorbed current	3.1 / 1.6 A
Torque	205 Nm
Opening time	3.5" ÷ 6"
Duty cycle	intensive use
Protection level	IP44
Operating temperature	-20°C /+50°C
Weight	54.8 kg
Items no. per pallet	9