VIGILANT 500/I

24 Vdc electromechanical bollard 500 mm high

MADE IN ITALY

9343000 VIGILANT 500

Ø 200 mm • H500 mm • ⇥⇤ 8/9,2 mm

TRAFFIC CONTROL | PUBLIC | PRIVATE

9343004 VIGILANT 500I

24 Vdc electromechanical bollard, powder coating steel or AISI 316 electropolished stainless steel finish.

FEATURES

- High number of cycles and low power consumption
- Ability to operate even in the event of a power failure thanks to the central group with UPS
- Quick and easy to install thanks to the foundation box can be assembled on site without welding
- Equipped with RS485 communication bus and Ethernet connection via TCP / IP
- Device encoder integrated obstacle detection and amperometric
- Equipped with anti-vandal function, which allows to detect a forced command, to reset the bollard and activate an alarm

VIGILANT	500/I
POWER SUPPLY	230 Vac 50/60 Hz
MOTOR SUPPLY	24 Vdc
ABSORBED POWER	90 W
ABSORBED CURRENT 24Vdc	6 A
STANBY CONSUMPTION	10 W
CONSUMPTION DURING RISING	1 A
MAXIMUM WORKING FREQUENCY*	900 cycles/day
PROTECTION LEVEL	IP 68
OPERATING TEMPERATURE	-20 °C / +50 °C
LUBRICATION	Grease
IMPACT RESISTANCE	18.000 J
BREKOUT RESISTANCE	240.000 J
KG VEHICLE-KM/HOUR	2.500-55
RAISING TIME 120mm/sec	4"
LOWERING TIME 160mm/sec	3"
ELECTRIC BRAKE	2N
WEIGHT (without foundation case)	84/90 kg

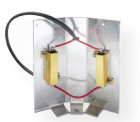
(*) The maximum frequency of use indicated in the above table must be understood as indicative data, referred to a single bollard connected to a control panel, at standard temperature rating (20°C,50% humidity). In the case of unfavorable conditions the frequency of use has to be reduced.

PLUG&PLAY Connection between bollard and control panel

EN124 (40T) Top equipped with LED lights

ACCESSORIES

RES [9679001]



Heating resistance for cold areas (accessory supplied pre-assembled).

BUZZ [9534040]

Warning buzzer (accessory supplied pre-assembled).

AUT [9176980]

Device that allows an automatic lowering maneuver of the bollard in case of power failure (accessory supplied pre-assembled).

EB5 [9360010]

5N Electrobrake (accessory supplied pre-assembled).

KTOOLS [9089010]

Set of installation tools.

CA500A [9150002]

Foundation box in steel with cataphoresis treatment. Quick assembly with screws.

TOP20 [9261000]

Cover for foundation box CA500A.

C05/10/15/20/25 [9171005 /006 / 007 /008 /009]

Cable with connector L= 5/10/15/20/25 m.

RISE Smart Moving

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VIGILANT 500/I

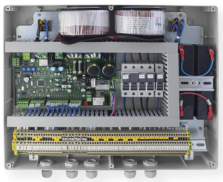
Control panels and components for a basic installation*

MADE IN ITALY

CP1	9176145	**CP2**	9176146	**CP4**	9176147
CP1K	9176152	**CP2K**	9176153	**CP4K**	9176154

1 VIGILANT 500/I

2 VIGILANT 500/I



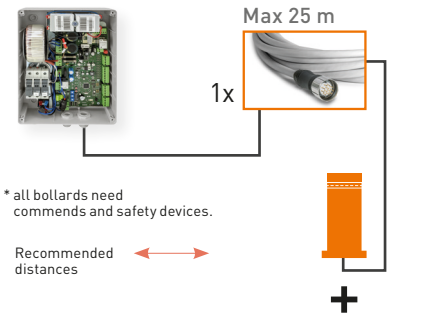
3-4 VIGILANT 500/I

FEATURES

- Power supply: 230/250 Vac - 50/60 Hz - transformer with selectable voltage
- Equipped with command ALL UP / ALL DOWN
- 8 control inputs / 4 control inputs for loop detectors / 2 static outputs 24 V
- 8-Dip switch programmable for different configurations
- Diagnostic LED
- Connection to Ethernet network via TCP / IP LAN
- Communication between the central bollard and central CP by means of the RS485 communication bus
- CP1K, CP2K, CP4K version with batteries for automatic operation during power failure
- Embedded electronics for the management of two traffic lights (no need CP.TL control board for traffic lights)
- 6 different configurations for loop detectors
- Prepared for any kind of command

1 VIGILANT 500/I

CP1 | CP1K

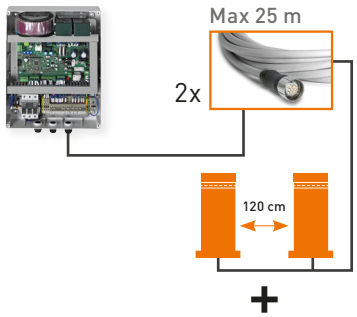


+

1x **KTOOLS**
1x **CA500A**

2 VIGILANT 500/I

CP2 | CP2K



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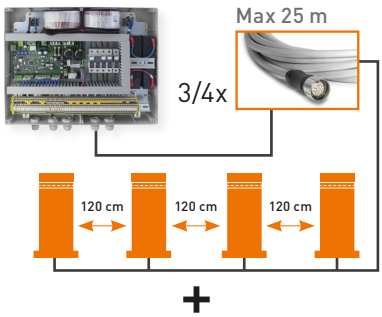
1x **KTOOLS**
2x **CA500A**

3-4 VIGILANT 500/I

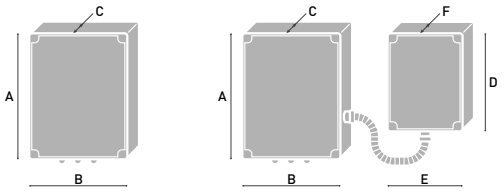
CP4 | CP4K



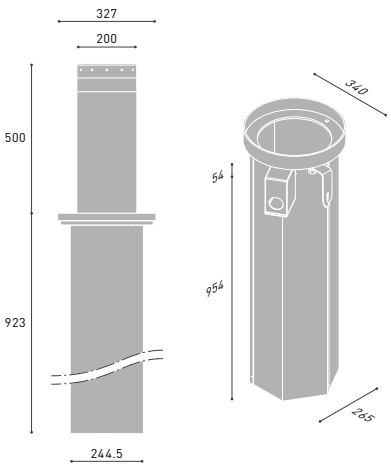
+

1x **KTOOLS**
3/4x **CA500A**

TECHNICAL DRAWING



	A (cm)	B (cm)	C (cm)	D (cm)	E (cm)	F (cm)	IP GRADE
CP1	30	22	12	-	-	-	IP 56
CP2	38	30	12	-	-	-	IP 56
CP4	46	38	12	-	-	-	IP 56
CP1K	30	22	12	30	22	12	IP 56
CP2K	38	30	12	30	22	12	IP 56
CP4K	46	38	12	30	22	12	IP 56



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