



VIGILANT 800/I

24 Vdc electromechanical bollard 800 mm high

STANDDOOR
HELLAS AE



MADE
IN ITALY



9343002 VIGILANT 800

Ø 200 mm • H800 mm • \rightarrow 8,9,2 mm



TRAFFIC
CONTROL

PROTECTION

PUBLIC
PRIVATE

9343005 VIGILANT 800I

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

800/I

POWER SUPPLY	230 Vac 50/60 Hz
MOTOR SUPPLY	24 Vdc
ABSORBED POWER	90 W
ABSORBED CURRENT 24Vdc	7 A
STANBY CONSUMPTION	11 W
CONSUMPTION DURING RISING	1,4 A
MAXIMUM WORKING FREQUENCY*	1000 cycles/day
PROTECTION LEVEL	IP 68
OPERATING TEMPERATURE	-20 °C / +50 °C
LUBRICATION	Grease
IMPACT RESISTANCE	11.000 J
BREKOUT RESISTANCE	180.000 J
KG VEHICLE-KM/HOUR	1.800-55
RAISING TIME 120mm/sec	7"
LOWERING TIME 160mm/sec	5"
ELECTRIC BRAKE	2N
WEIGHT (without foundation case)	112/120 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).

KT00LS
[9089010]



Set of installation
tools.

CA800A
[9150004]



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

TOP20
[9261000]



Cover for foundation
box CA800A.

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



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



VIGILANT 800/I

Control panels and components for a basic installation*

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CP1S	9176148	CP2S	9176149	CP4S	9176151
CP1SK	9176155	CP2SK	9176156	CP4SK	9176157

FEATURES

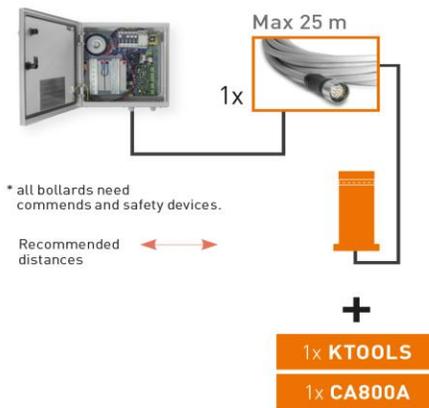
- Power supply: 230/250 Vac - 50/60 Hz - transformer with selectable voltage
- Equipped with command ALL UP / ALL DOWN
- 8 control inputs / 4 control inputs for loop detectors / 2 static outputs 24 V
- 8-Dip switch programmable for different configurations
- Diagnostic LED
- Connection to Ethernet network via TCP / IP LAN
- Communication between the central bollard and central CP by means of the RS485 communication bus
- CP1SK, CP2SK, CP4SK versions 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 800/I 2 VIGILANT 800/I 3-4 VIGILANT 800/I

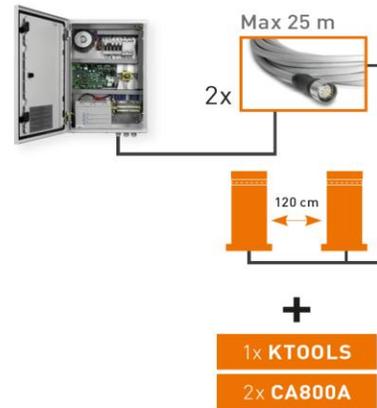
1 VIGILANT 800/I

CP1S | CP1SK



2 VIGILANT 800/I

CP2S | CP2SK

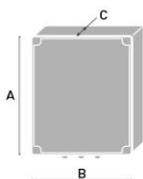


3-4 VIGILANT 800/I

CP4S | CP4SK



TECHNICAL DRAWING



	A (cm)	B (cm)	C (cm)	IP GRADE
CP1S	30	40	15	IP 66
CP2S	50	40	20	IP 66
CP4S	60	40	20	IP 66
CP1SK	40	40	20	IP 66
CP2SK	60	40	20	IP 66
CP4SK	70	50	20	IP 66

