



FORCE 525/I

24Vdc electromechanical bollard, powder coating steel or electropolished stainless steel AISI316 finish



**MADE
IN ITALY**



9343155 **FORCE 525**

9343157 **FORCE 525I**

Ø 254 mm • H500 mm • → 10/11,2 mm



TRAFFIC
CONTROL



PUBLIC



PRIVATE

FORCE

525/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*	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	6"
LOWERING TIME 160mm/sec	5"
ELECTRIC BRAKE	2N
WEIGHT (without foundation case)	118/128 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.

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
- Fast and easy to install thanks to the foundation box easily assembled without welding
- Equipped with RS485 communication bus and Ethernet connection via TCP / IP
- Integrated encoder and amperometric obstacle detection
- Equipped with anti-vandal function, which allows to detect a forced command, to rearm the bollard and activate an alarm



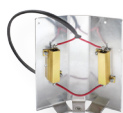
PLUG&PLAY Connection
between bollard and
control panel



EN124 (40T) Top equipped
with LED lights

ACCESSORIES

RES
[9679001]



[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.

CA525A
[9150011]



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

TOP25
[9261010]



Cover for foundation
box CA525A.

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



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



FORCE 525/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



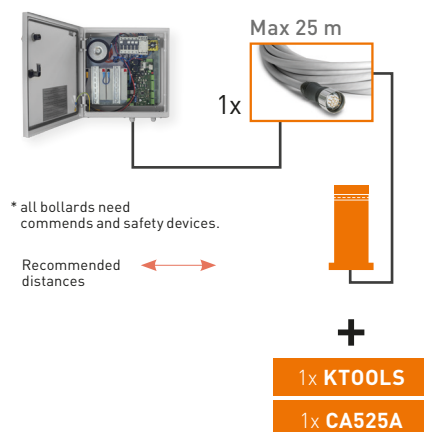
1 FORCE 525/I

2 FORCE 525/I

3-4 FORCE 525/I

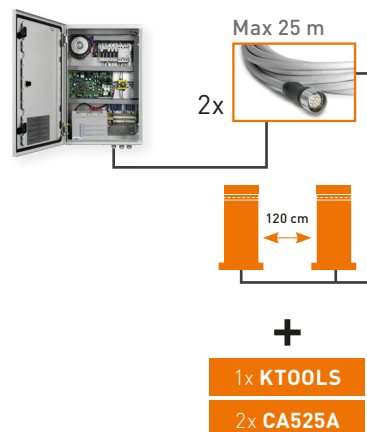
1 FORCE 800/I

CP1S | CP1SK



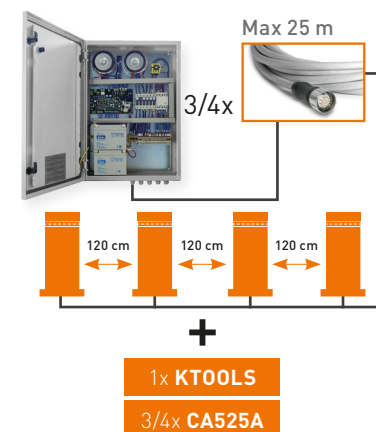
2 FORCE 800/I

CP2S | CP2SK

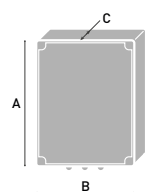


3-4 FORCE 800/I

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

