



SEA[®]
electronic opening system

Super Bull

fixed / hydraulic

New anti-crashing rising bollard for transit, parking areas control and protection of public accesses



- SEA TOTAL QUALITY: With hydraulic movement produced in the SEA establishments. Long lasting, silence and reliability
- Compact version with on board hydraulic unit for a simple installation
- Reinforced version capable to resist against violent impacts
- Easy release system with customized key
- With illumination and sonorous systems
- External control unit (SEA recommends GATE 1 or GATE 2)
- Foundation form out of plastic material (1 m) on request
- 12mm thickness
- Compulsory foundation plate also for fixed SUPER BULL
- Certification after very strong impact tests

Super Bull

TECHNICAL SPECIFICATIONS

Specification	Super Bull
Power supply	230Vac
Motor power	330 W
Motor current	1,65 A
Opening speed	6 - 8 s
Frequency of use	30%
Thermo protection	130 °C
Operating temp.	from -20 °C to + 55 °C
Weight	-
Oil quantity	3 l
Max. beam length	-
Protection Class	IP 55
Starting capacitor	16 µF

System of lights

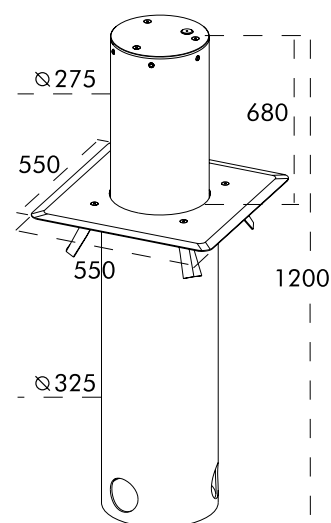


Gate 1

- Management of one 230 Vac motor with or without limit switch
- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor torque adjustment
- Self-learning operating times
- Auto-test on photocells
- Auto-diagnostic
- Encoder management (also Safety Gate for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitters SMART, HEAD and SMART E-COPY (800 users) series with optional RF radio frequency module
- Programming through PALM
- Administration timer, security edge
- Connector for photocells WALL and SUNSET
- Push over, reverse stroke, soft start
- Courtesy lamp and control management
- Limit switch entry (do not bridge if not used)
- Pedestrian opening and photocells in opening
- 230V on bord warning lamp with pre-flashing

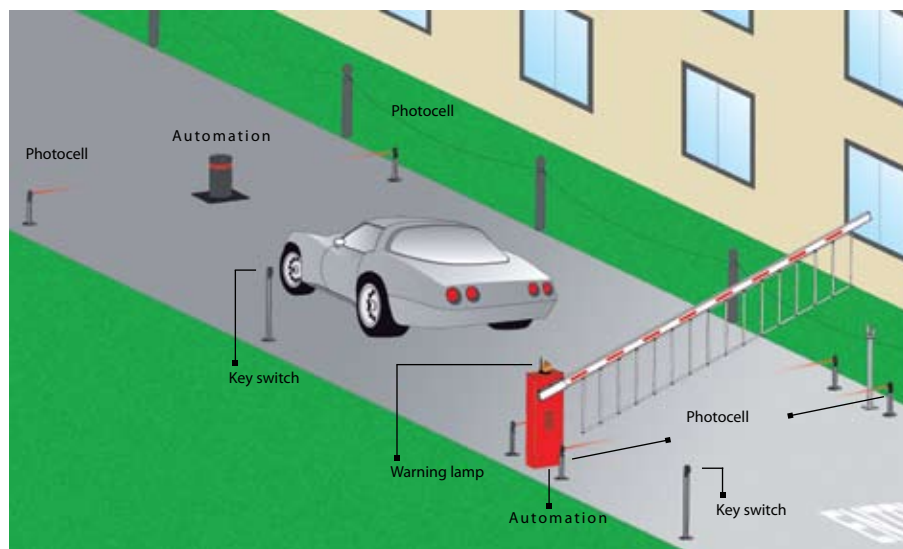
Gate 2

- Management of two 230 Vac motor with or without limit switch
- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor couple adjustment
- Self-learning operating times
- Auto-test on photocells
- Auto-diagnostic
- Gestione encoder (anche SafetyGate per battenti)
- Pedestrian opening
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitter SMART, HEAD and SMART E-COPY (800 users) series with optional radio frequency module (RF)
- Programming through PALM
- Administration timer and security edge
- Connector for photocells WALL and SUNSET
- Push over, soft start, reverse stroke
- Photocells in opening and closing
- 230v on bord warning lamp with pre-flashing
- Courtesy lamp and control management
- Leaf delay adjustment during self-learning times



Dimensions (mm)

Standard installation



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