

BP-300\C

AUTOMATIC PARKING BARRIER



Mod. **Bp-300\C** is a parking barrier with automatic closing to control the passage of vehicles.

FEATURING:

- Circuit board Mod.BP-126 with latest generation microcontroller.
- Top-quality sealed, self-lubricating three phase gear motor, 0.37CV
- Round aluminium arm, lacquered in white with segments in green. Maximum length 3 metres.
- Continuous power supply system with approx. 100 autonomous operations (optional).

FUNCTIONS:

- Exclusive compact design with polyester paint finish for outdoor use.
- Motion transmission with appropriate axles and counter-balancing springs on the barrier arm when both raising and lowering.
- Adjustable 1-second opening/closing time with arm reaching 90°.
- Intensive operation of up to 18,000 operations in 24 hours.
- Motor controlled by a frequency converter, providing fully adjustable control of the arm when starting and braking, preventing arm vibration and excess motor fatigue, thus increasing service life.
- TCP/IP Ethernet communication.
- Standard alarms, open or closed barrier detection, manual opening, removal of arm from the barrier, door open on barrier cabinet, etc.
- Manual barrier opening (in cases of power cuts) with internal crank lever or optional continuous power supply system
- Vehicle protection when barrier is open, thanks to the magnetic field and detector (detector integrated in the barrier, magnetic field installed in flooring).
- Automatic barrier closing once vehicle has passed through, by means of detector signal and magnetic field.



TECHNICAL SPECIFICATIONS

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| Power supply | 220 V 50-60 Hz (+-10 %), with earth connection. Continuous power supply system (optional) |
| Consumption in standby | 33.5 W (0.145 Amp) |
| Maximum consumption in operation | 575 W (2.5 Amp) |
| Motor operation control | Variable speed drive and motor power control. |
| Opening / Closing speed | < 1 second, adjustable |
| Central control unit | Mod. Bp-126 with latest generation industrial microcontroller |
| Digital I/O signals | Opto-isolated |
| Communication | Ethernet 10/100 Mbit, TCP/IP protocol (Cat. 6 Ftp shielded cable up to 100m, fibre optic cable for longer lengths) |
| Operating temperature | -20°C a +60°C |
| Air humidity | 10 / 90% RH without condensation |
| Casing | Passivated galvanised steel, protected with amorphous phosphate treatment (type of zinc plating). Polyester powder paint finish, Ral-6018 and 9006 / green and silver |
| Interior | Silver aluminium |
| Height | 1,190 mm |
| Diameter body | 245 mm |
| Height centre of arm | 800 mm |
| Weight | 61.83 Kg |
| Weight straight arm | 3m aluminium straight arm 3.35 Kg |
| Weight articulated arm | 3m aluminium articulated arm 5.47 Kg |