PIVOTING ELECTROMECHANICAL BARRIER **BLV-SP**

The BLV-SP barrier is a satinized stainless-steel barrier, with fast or slow acting, particularly sturdy and resistant to impact and therefore suitable for applications such as motorway toll booths and parking lots.

Available in two models:

- BLV-SP-1200 quick barrier has a standard-length rod of 3 m and is particularly suitable for use in applications where a high number of openings/closings and high maneuvering speed are required such as cadence bar.

- BLV-SP-4000 slow barrier has a standard-length rod of 3,90 m and finds application in situation where there are a limited number of opening/closing and the maneuvering speed is not particularly high such as runway closing barrier.

TECHNICAL/CONSTRUCTIVE FEATURES

- Satinized stainless steel cabinet, supporting structure 3 mm thick.
- Bevel gear motor unit in the fast cadence barrier.
- Cascade gear motor assembly in the slow closing barrier.
- Installation on both sides of the lane without the need for specific adaptations.
- Rod opening/closing speed and acceleration/deceleration ramps programmable via software.
- Maintaining the open/closed position of the rod, in the track-closing boom:
  - Through the actuation of a positive brake
  - Through reduced administration to the motor voltage/frequency.
- Non-resettable progressive cycles counter (open/close).
- Proprietary electromagnetic loop inductive detector managed and mounted on the main board (optional).
- Safety photocell, diffuse-directed, housed on the outside of the cabinet and protected by special stainless-steel casing positioned in the axis of the rod.

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- Internal push-button panel for local controls containing:
  - Magneto-thermal power switch
  - Diverter switch for selection of AUT/MAN operation
  - Opening control button
  - Closing control button
- Management, interface and power printed circuit board in connectorized case.
- Circular section Ø80 mm rod made of extruded aluminum with reflectors on both sides, equipped with 3 high-efficiency red LED indicator lights along the rod, pneumatic or conductive rubber rib along the bottom edge.
- Standard length of rod: 3 m for fast cadence bars and 3,90 m for slow track closing bars.
- Opening/closing speed:
  - 1,2/1,5 sec. for fast cadence barrier
  - 4/5 sec. for slow track closing barrier.
- Drive systems:
  - Digital I/O (7 Input - 8 Output)
  - RS232-RS422-RS485 serial port
  - 10/100 Base-T Ethernet port with web server (optional)
- Power supply: 230 VAC ± 10% - 50/60 Hz single phase.
- Operating temperature: -25°C/+55°C (without heating device).
- Degree of protection: IP54