Control Panel model WJTBH01MCB

www.wejoin.com.cn

Description:

The WEJOIN WJTBH01MCB electronic board is the main control unit designed for flap barrier models WJTBH101BLSP and WJTBH101BLD. Its function is to manage, process, and coordinate all operations of the pedestrian access control system, supervising the operation of motors, detection sensors, safety devices, and associated electronic modules.

This board executes the main system logic, processes signals from readers and validation devices, and generates the necessary commands to control the opening, closing, locking, and flap monitoring cycles. Additionally, it manages communication with slave boards, ensuring synchronized, safe, and reliable operation in pedestrian access control applications.

Main Functions

- Centralized management of the access control system.
- Processing of access authorization and denial signals.
- Control and supervision of flap opening and closing.
- Communication and synchronization with slave boards and auxiliary modules.
- Management of operating modes configured in the equipment.
- Monitoring of safety, presence, and anti-intrusion sensors.
- Motor control and supervision of operational status.
- Management of passage, opening, closing, and locking cycles.
- Integration with external access control systems.

Technical Features

- Electronic board based on printed circuit board (PCB) technology.
- Electronic control via integrated microcontroller.
- Designed to operate as a main unit within the system control architecture.
- Compatible with WEJOIN flap barrier models WJTBH101BLSP and WJTBH101BLD.
- Communication capacity and management of slave modules.
- Configurable for unidirectional or bidirectional operation according to system programming.
- Automatic management of individual user transit.
- Monitoring and management of safety devices and infrared sensors.
- High operational stability and reliability for continuous-use applications.
- Optimized design for medium and high pedestrian traffic installations.

Technical Specifications

Name:	Main Control Board
TVC Code:	WJN0940011
Wejoin Model:	WJTBH01MCB
Input Voltage:	24V DC
Current:	0.2 A
Rated Power:	5 W