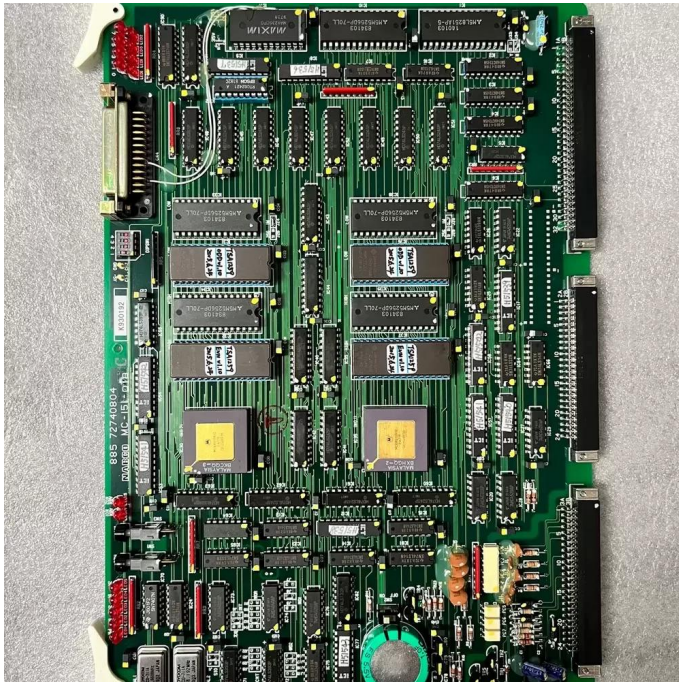


MC-151-01B NABCO 24VDC Automatic Door Control PCB Datasheet



SKU: 956904824196

Category: Elevator & Escalator Components

Price: **\$2,057.14**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page: <https://www.equipspares.com/product/mc-151-01b-nabco-24vdc-automatic-door-control-pcb>

Product Description

The NABCO MC-151-01B is a high-performance microprocessor-based control board engineered for the precision management of automatic sliding and swing door systems. This PCB serves as the central logic unit, coordinating motor drive sequences, sensor inputs, and safety protocols to ensure smooth pedestrian traffic flow. It features advanced CAN (Controller Area Network) communication capabilities for real-time diagnostic monitoring and system-wide synchronization. The board is designed to interface with high-torque brushless DC motors and supports complex parameter adjustments including opening/closing speeds, braking force, and hold-open time delays. Built with industrial-grade components, the MC-151-01B maintains operational stability under high-frequency duty cycles while providing integrated thermal protection and fault detection to prevent mechanical overload.

MC-151-01B Specifications

Model Number: MC-151-01B

Brand: NABCO (Nabtesco Corporation)

Product Category: Automatic Door Control PCB / Circuit Board

MPN: 885 72740804

Secondary Model: N4X202

Operating Voltage: 24VDC ($\pm 10\%$)

Control Logic: Microprocessor-based digital control

Communication Protocol: CAN (Controller Area Network)

Motor Compatibility: Brushless DC Motors (up to 700kg single leaf capacity)

Input Interfaces: Activation sensors, safety beams, emergency stop, key switches

Output Interfaces: Motor drive, auxiliary 12VDC/24VDC power, status relays

Adjustable Parameters: Opening speed, closing speed, latch-check speed, back-check speed, hold-open time

Safety Features: Thermal detector integration, anti-derail logic, current limit/block trip detection

Mounting Type: Header-mounted internal installation

Certifications: ISO 9001, ISO 14001, ISO 45001, ANSI/BHMA A156.10/156.19 compliant

Origin: Japan

MC-151-01B Applications

Centralized logic control for heavy-duty commercial sliding doors, hospital cleanroom entrances, and high-traffic retail storefront systems. Mandatory integration for Nabtesco NATRUS-VS series operators and industrial-grade automatic pedestrian barriers requiring synchronized CAN communication.

Supplemental Images

