



Automation System Data Sheet

Electrical Requirements:

Dedicated - NON GFI Circuit
120 VAC/15 amp

Installation Requirements:

Minimum of 12" at either the back of the pocket, behind the stacking panel, or adjacent stud bay for the motor location (motor dimensions 14" x 14" x 4 1/4"). Bi-part door configurations requires an additional space requirement of 8" minimum, opposite of the motor location for return pulley location.

Control Panel (12" x 12" x 4") will be located next to motor.

Access Panel of a minimum of 14" x 14" located at the motor location. Panel can be either interior or exterior. Customer provided.

Sensor and motion detection cables need to be run above the door header to their respective locations (see Installation manual).

The platform or substrate to attach the motor is both stable, substantial, level and capable of supporting a minimum of 20 lbs. The bottom of the motor platform needs to be a minimum of 1/2" above the top of the head track. Shimmiing will be required to align the motor and head track.

System Specifications:

Motor – Delta Servo Motor / Planetary Gear:

IDA10 - 107 in/lb torque; 10:1 gear ratio

IDA15 – 160 in/lb torque; 15:1 gear ratio

IDA-HD – 224 in/lb torque; 20:1 gear ratio

Control Panel – 120Volt AC/24Volt DC manufactured at a Certified 508 UL shop

Additional Components – Turck Picofast Cables; Delta Touchscreen/PLC/Drive; Kevlar and Steel reinforced timing belts from various manufacturers. Break strengths 235-425 lbs.

Mechanical Components – In-house fabrication, designed to exceed industry engineering specifications

General Performance notes:

- Maximum amperage use under full load is 2.6 amps
- Depending on the door manufacturer's product specifications and configuration, the Automated Openings door automation system can operate door systems with up to 15-20 panels.
- Automation system can be installed on most multi-slide doors or lift-slide doors, depending on the installation requirements listed above and the clearance in the head track above the panels and head track design. Please consult your dealer or Automated Openings for more information of specific door manufacturers and models.
- Automation system can be controlled through the use of a home automation system. It is connected to our control panel via 4-dry contact (Open/Close/Stop/Common)

- Automated Openings Door Automation is UL certified
- 1 Year warranty on electrical components. Contact your dealer for the local/State requirements for workmanship and installation warranty details.
- On site framing modifications may be required by the contractor to ensure proper installation of the system.
- Final programming is performed only after the finished floor is installed, permanent power has been established, doors are properly adjusted and tracks are clean and free of debris.