

## Sliding Auto-door DSL-125A/B



▲ DSL-125A



▲ DSL-125B

The control device of sliding automatic door contains basic function and extensional function , automatic operation / hold-open/lock/half-open to meet customer needs. Control device has multiple interfaces for choosing various connectors such as: safety beam photocell, electric locks, etc. Its drive devices adopts European technology to integrate motor with gear box, which offers strong driving and reliable operation and increased power output , it can adapt to a large door.

### TECHNICAL DATA

Door configuration: Single leaf, Double leaves

Limited Weight:  $\leq 1 \times 150\text{kg}$ ,  $\leq 2 \times 125\text{kg}$

Door leaf width: 750–1600mm, 650–1250mm

Power voltage: AC 110V–220V $\pm 10\%$ , 50/60Hz

Power consumption: < 70W

Opening speed: 200–450mm/S(adjustable)

Closing speed: 200–450mm/S(adjustable)

Hold-open time: 0–8S(adjustable)

Manual force: <40N, <50N

Sensor mode: Various

Sliding noise:  $\leq 55\text{dB}$

Environment temperature:  $-20 \sim +50^{\circ}\text{C}$

### 产品特点FUNCTION INTRODUCTION

#### 1. Reliability

##### (a) Control unit

Receiving a detection signal from a sensor or other signal switch, driving the motor, and controlling the door to move in a set manner. Wide voltage power supply design, Built-in auxiliary light sensor, double door interlock and other multi-group interfaces, further improve product safety and versatility.

##### (b) Motor unit

The DC brushless motor with small size and high power is used to reduce the gearbox system with high transmission efficiency and low noise, and then drive the belt. The motor drive pulley metal made and has a long service life.

#### 2. Convenience

Good modular design offers very easy installation. Only need to fit all components into the guide rail and connect each part well, it can work after activating the power supply.

#### 3. Security

When the doors is closing, if it meets a pedestrian or obstacle, the door leaf will reverse automatically, the door will open immediately, it prevents pinching events and door damaged, also improves the automatic door working life. If the electricity is failed, the door will stop moving. However, there is very little resistance, door leaf can easily be opened by hand.