



SPL AUTOMATION SYSTEM

SPL DOOR SOLUTIONS SDN BHD (1557918-A)

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CONTENTS

01.

SLIDING AUTO-DOOR

Sliding Auto-Door DSL-125A	02
Sliding Auto-Door DSL-125B	03
Sliding Door (Heavy Duty) DSH-250	04
Sliding Door (Telescopic) DBS-50	05
Sliding Auto-Door DSL-1600	06

02.

SWING AUTO-DOOR

Swing Door Slim DSW-100N	08
Swing Door Spring-Closing DSW-85	09
Swing Door Concealed DSW-96	10

03.

COMPLETE AUTO-DOOR

Two Wing Auto-Revolving Door	12
Three/Four Wing Auto-Revolving Door	13
Panic Auto-Door T12	14
Folding Auto-Door Z20	15

04.

ACCESSORIES

Access Control	16-17
Microwave Sensor	17-18
Hardware Accessories	18



SLIDING AUTO-DOOR

Smoothly running, quiet, reliable, high pass rate, good sealing performance, energy saving, simple maintenance. Widely used in hotels, restaurants, office buildings, banks, financial institutions, shopping malls, hospitals, and senior houses.

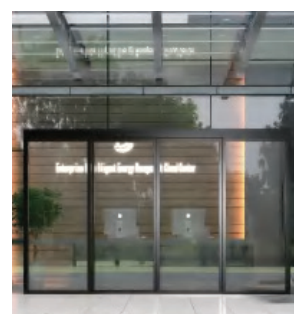
Sliding Auto-Door [DSL-125A](#)

Sliding Door (Telescopic) [DBS-50](#)

Sliding Auto-Door [DSL-125B](#)






Sliding Auto-Door [DSL-1600](#)

Sliding Door (Heavy Duty) [DSH-250](#)





Accessories

		
DSL-125A Controller	DSL-125A Motor	Hangers
		
Stopper	Power Cable	Belt Bracket
		
Idle Pulley	Floor Guide	Remote Control
		
Belt	Microwave Sensor	

Technical Data

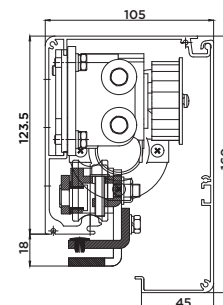
Door form	single door / double door	Opening speed	150-460mm/S (adjustable)
Loading weight	≤ 1 × 150kg/ ≤ 2 × 120kg	Closing speed	130-460mm/S (adjustable)
Door width	750-1600mm/650-1250mm	Open time	0-8S (adjustable)
Power supply	AC 110-220V±10%, 50/60Hz	Manual force	<40N/ <50N
Power consumption	65W (125A)	Temperature range	-20 ~ +50°C

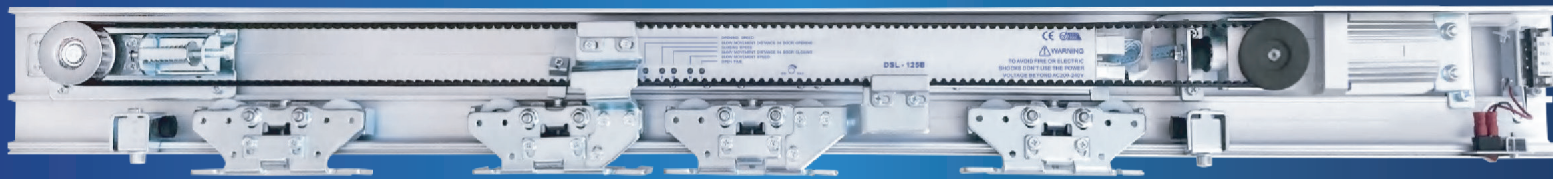
Features

The microcomputer control system drives the motor and controls the door to operate in the set mode. Wide voltage power supply design, many interface such as double door interlock. Adopting European motor and gearbox integration technology, the drive is strong, the operation is stable, the output power is improved, and it can adapt to the needs of larger doors. Special lubrication measures, special deceleration mute wheel, professionally designed hanging parts and roller structure greatly reduce the running noise. Every time there is a self-test procedure, the door will rebound when it encounters resistance, which fully guarantees the safety of the passers-by.

Suitable for office buildings, storefronts, banks, restaurants, hotels, shopping centers, laboratories, hospitals and other places.

Sectional View





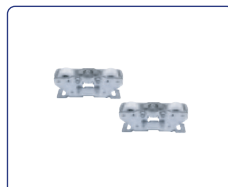
Accessories



DSL-125B Controller



DSL-125B Motor



Hangers



Stopper



Power Cable



Belt Bracket



Idle Pulley



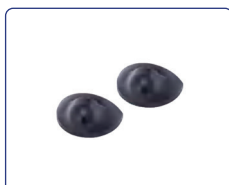
Floor Guide



Remote Control



Belt



Microwave Sensor

Technical Data

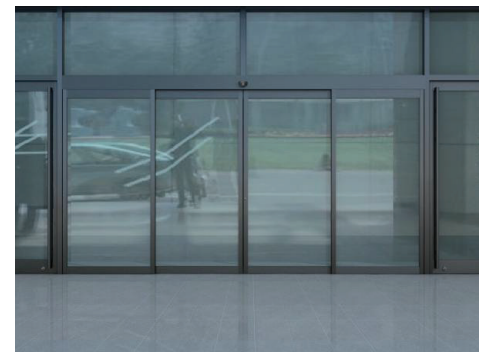
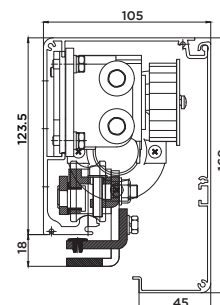
Door form	single door / double door	Opening speed	150-460mm/S (adjustable)
Loading weight	≤ 1 × 150kg/ ≤ 2 × 120kg	Closing speed	130-460mm/S (adjustable)
Door width	750-1600mm/650-1250mm	Open time	0-8S (adjustable)
Power supply	AC 110-220V±10%, 50/60Hz	Manual force	<40N/ <50N
Power consumption	50W (125B)	Temperature range	-20 ~ +50°C

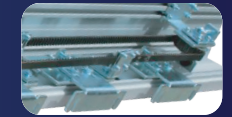
Features

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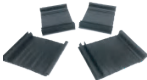

Suitable for office buildings, storefronts, banks, restaurants, hotels, shopping centers, laboratories, hospitals and other places.

Sectional View





Accessories

		
DSH-250 Controller	DSH-250 Motor	Hangers
		
Stopper	Power Cable	Belt Bracket
		
Idle Pulley	Floor Guide	Remote Control
		
Cable Holder	Belt	Microwave Sensor

Technical Data

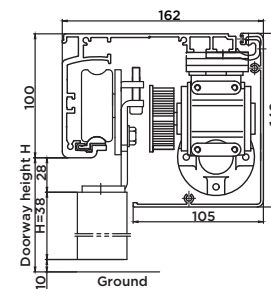
Door form	single door / double door	Closing speed	200-460mm/S (adjustable)
Loading weight	≤ 1 × 250kg/≤ 2 × 200kg	Open time	1-9S (adjustable)
Clean opening width	1000-2800mm/1800-3800mm	Closed force	>100N
Power supply	AC 110-220V±10%, 50/60Hz	Manual force	<100N
Power consumption	<100W	Humidity range	-20 ~ +50°C
Opening speed	200-460mm/S (adjustable)		

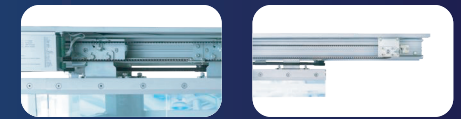
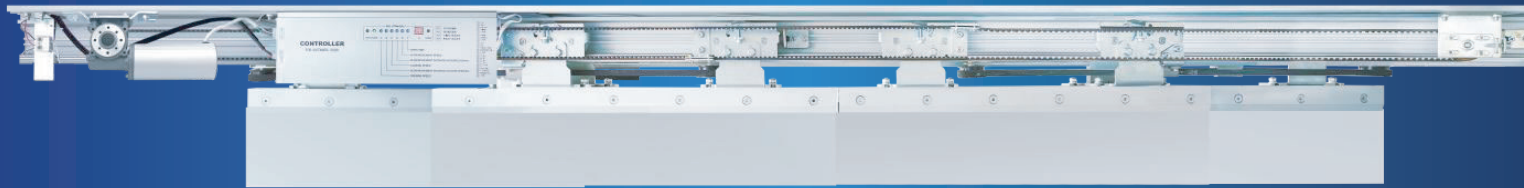
Features

Intelligent control system, various parameters can be flexibly adjusted by manual or remote control according to the selected controller. Low-noise power unit, motor, worm gear and reducer integrated. It adopts modern design, applies high-power brushless motor and new mechanical components that are trusted by the world. The hanging parts are made of imported high-strength nylon, and the load capacity of the unit reaches 2×200Kg. The electric lock function is safe and reliable.



The control unit can be connected with building fire center, when fire, the door can be hold open or hold closed for safety. It is suitable for all kinds of large-channel, industrial workshops, etc. It runs smoothly, is easy to install and easy to maintain.

Sectional View





Accessories

		
DBS-50 Controller	DBS-50 Motor	Hangers
		
Stopper	Power Cable	Belt Bracket
		
Idle Pulley	Fixed Plate	Remote Control
		
Cable Holder	Belt	Microwave Sensor

Technical Data

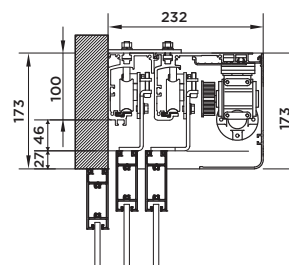
Door form	single door / double door	Closing speed	200-500mm/S (adjustable)
Loading weight	≤ 2 × 150kg / ≤ 4 × 100kg	Open time	1-20S (adjustable)
Clean opening width	1200-2700mm/2200-3900mm	Closed force	>100N
Power supply	AC 110-220V±10%, 50/60Hz	Manual force	<100N
Power consumption	<150W	Humidity range	-20 ~ +50°C
Opening speed	300-550mm/S (adjustable)		

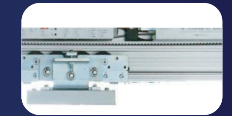
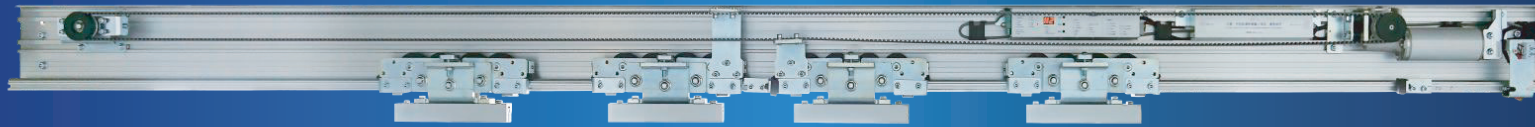
Features

The controller has a built-in chip that can be intelligently adjusted to realize the automatic setting control process. The parameters can be flexibly set as needed to maintain optimal operation. Two kinds of high-strength aluminum alloy guide rails are combined and connected with special accessories, which are easy to install and overall firm and beautiful. The overlapping door bodies are interlocked by the pulleys, and the operation is stable and reliable. A high-quality EPDM strip is embedded in the middle of the rail slide section to absorb vibration and noise during operation, and the automatic door runs quieter. Two-way resistance automatic rebound function, safety performance is more prominent.












It is applicable to airports, hospitals, office buildings, stations, banks, factories, hotels, shopping centers, hotels, office buildings, financial and financial institutions, companies and high-end residential and other places require big clean opening.

Sectional View





Accessories

		
DSL-1600 Controller	DSL-1600 Motor	DSL-1600 Power
		
Stopper	Power Cable	Belt Bracket
		
Idle Pulley	Hangers	Remote Control
		
Cable Holder	Belt	

Technical Data

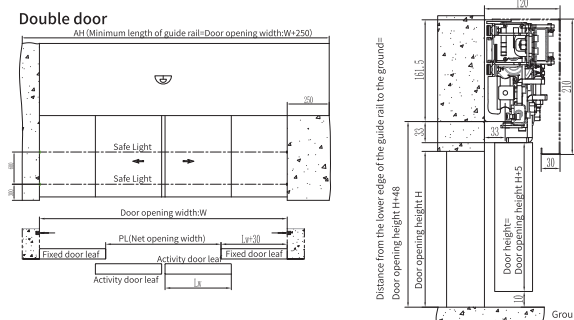
Door form	single door / double door	Opening speed	100-350mm/S (adjustable)
Unit height	210mm	Closing speed	100-350mm/S (adjustable)
Unit depth	120mm	Maximum door weight	1x600kg/2x500kg
Power supply	220V AC±10%, 50/60Hz	Open time	0-10S (adjustable)
Maximum stroke	6m	Humidity range	<relative humidity 85%

Features

Intelligent control system, automatically adjusting the operation status of the door leaf. At startup, self-learning begins and automatically adjusts parameters based on the actual door width size to achieve optimal operating conditions. If necessary, manual adjustments can be made. Brushless motors (BLDCs) with low friction and long lifespan.

The door leaf suspension adopts a self balancing and reliable anti detachment design, which makes the door leaf operate more smoothly, safely, and with low noise, extending the service life of the suspension wheel. Unique electric lock function, safe and reliable, dual door interlocking and electronic lock function, supporting multiple access control systems. It can be equipped with a backup power supply, which can keep the door open or closed in the event of a power outage.

Sectional View





SWING AUTO-DOOR

It is not only an aesthetically pleasing product, but also sturdy and reliable, and has the greatest safety factor. It conforms to the existing safety standards and can be programmed to adjust the manual force and speed according to the size of the door. When the obstacle is touched, the door will reopen immediately. The next closing, the door will slow down to detect obstacles.

Swing Door Slim **DSW-100N**

Swing Door Concealed **DSW-96**

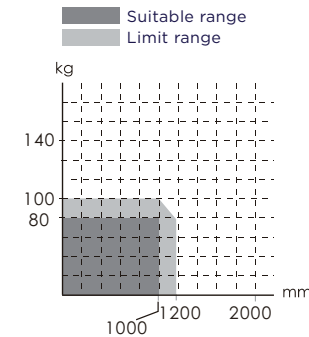
Swing Door Spring-Closing **DSW-85**





Technical Data

Door form	single door
Carrying weight	≤1 x 100kg
Applicable door width	≤1200mm
Power supply voltage	AC220V±10%, 50/60Hz
Opening time	3-7S/90° (adjustable)
Open time	1-30S (adjustable)
Protection level	IP12D
Product weight (unit)	6.5kg
Unit size(DSW100N)	540X95X82mm
Ambient temperature	-20 ~ +55°C

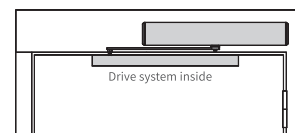


Features

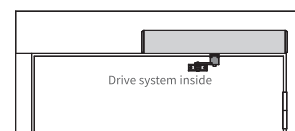
The DSW-100 drive unit operates with low noise, reliable performance and safe use, providing more convenience for living and working environments. The DSW-100 is a new upgraded transformer-less drive that offers a wider range of supply power voltages. Provides interfaces such as sensors, access control, and security sensor protection, and is equipped with interfaces for magnetic electric lock and backup battery too. UPS power can be configured to meet security requirements. Both them can realize Interlocking function between door and door. If touch obstacles or personnel in operation, the door will open in the opposite direction.

Applicable to office buildings, storefronts, banks, factories, restaurants, hotels, shopping centers, laboratories, hospitals and other places.

Sectional View



Pull arm type installation: suitable for door leaf inward open



Push arm type installation: suitable for door leaf outward open

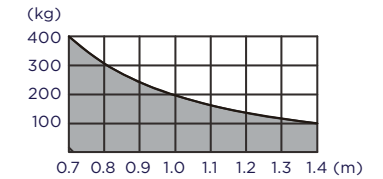


Accessories

	
DSW-100N Unit	Pull Arm
	
Push Arm	Front Cove
	
Remote Control	

Technical Data

Drive unit	24V DC motor, spring close door
Anti-extrusion device	standard
Power supply voltage	AC220V ± 10%, 50/60Hz
Rated power consumption	100W (MAX)
Opening time (speed)	3-7S adjustable
Closing time (speed)	3-7S adjustable
Open time	0.5-30S adjustable
Opening angle	80°-100°
Drive arm	pull arm, push arm
Unit size	610 X 128 X 88 (mm)
Ambient temperature	-20 ~ +45°C
Relative humidity	≤85%



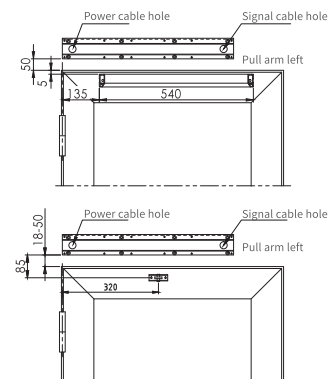
Accessories

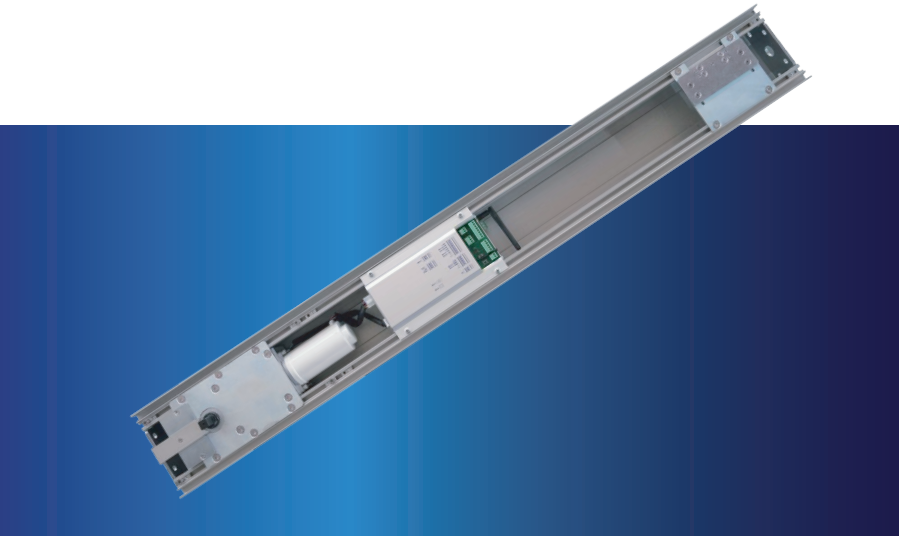
		
DSW-85 Unit	Front Cove	End Caps
		
Setting Panel	Pull Arm	Push Arm

Features

The DSW-85 is a microprocessor-controlled automatic door closer that is simple in design and self-monitoring. The microprocessor provides precise position control and speed control, resulting in the optimal motion mode to control the movement path of each door. In the event of a power failure, the unit will start closing spring force automatically. Depending on the application, pull-arm and push-arm mounting is available. Particularly suitable for use in conjunction with fire doors.

Sectional View

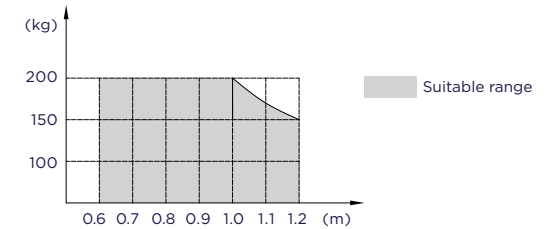




Technical Data

Max. door weight	200kg
Max. door width	1200mm
Max. torque	165Nm
Unit weight	5.5kg
Running noise	<60dB
Electric lock output	DC 12V NO/NC contacts
Opening/Closing time	6-12S
Opening range	86° - 95°
Power supply	AC220V±10% , 50/60Hz
Rated power	55W
Standby power	<2W

Working temperature: -20 ~ +50°C
 Unit size(Single): 1200 X 150 X 80 (mm)
 Unit size(Double): 2400 X 150 X 80 (mm)



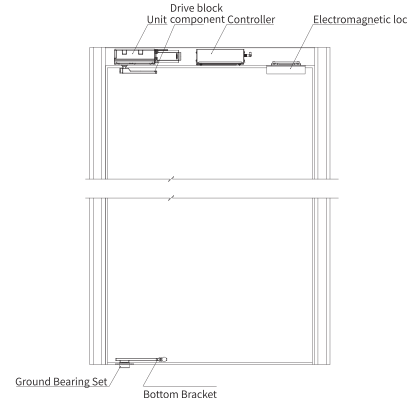
Accessories

DSW-96 Unit	Ground Bearing Set
Drive Block Component	Bottom Bracket
Bracket	Chassis Cover
Remote Control	

Features

Hidden swing door, also known as sky spring, adopts a hidden design to make the door leaf more beautiful and space saving. The integration of internal components and integrated design of Tian Spring simplifies the installation steps, making it more convenient and efficient. Integrated structural maintenance is hassle free, and the after-sales system is perfect with thoughtful service throughout the entire process to share your worries. Easy to install and operate quieter. Wide range of applications, 99% of the swing doors can be applied.

Sectional View





COMPLETE AUTO-DOOR

With the continuous improvement of living standards, people's pursuit of quality of life is also constantly improving; the emergence of "complete door" products has satisfied people's new pursuit of overall effect in decoration. Proven production technology and supporting installation services provide you with a complete solution for the pass.

Two Wing Auto-Revolving Door

Panic Auto-Door **T12**

Three/Four Wing Auto-Revolving Door

Folding Auto-Door **Z20**



TWO WING AUTO-REVOLVING DOOR



Technical Data

Fully intelligent computer control unit

Working voltage	AC220V±10% 50/60HZ
Power	drive unit 220-600W + lighting 100W
Inverter	multi-level control, frequency control
Sensor	radar (infrared) motion sensor, Rubber and infrared anti-collision anti-pinch sensor
Safety device	16A or 2X10A

Features

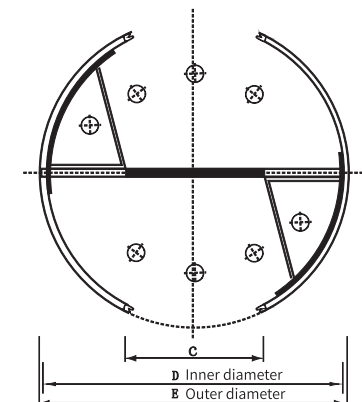
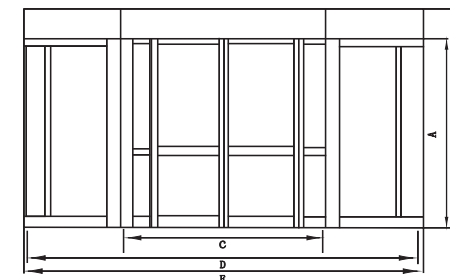
Adopting the international popular double exhibition box layout, the appearance is like the wings of the eagle. Unique and novel design, the perfect combination of automatic revolving door and automatic sliding door.

Advanced PLC control system, more comprehensive safety requirements system, full of luxury temperament, fashion beauty.

Check the rotation function, emergency stop function, wind and dust prevention function, central control fire function, central door opening function. Programmable control function, fault self-test function, night lock function, access control function, frequency conversion, speed control function, safety anti-collision, anti-pinch function, PS emergency power supply function (optional), stop position switching function, slow speed Waiting function, anti-pinch reverse function, fixed door position function.

It is widely used in hotels, office buildings, shopping malls, banks and other high-end places.

Sectional View



Unit:mm

Φ	3600	4200	4800
A	2200-3200		
B	2300-3500		
C	1670	1970	2270
D	3600	4200	4800
E	3810	4410	5010

THREE/FOUR WING AUTO-REVOLVING DOOR



Technical Data

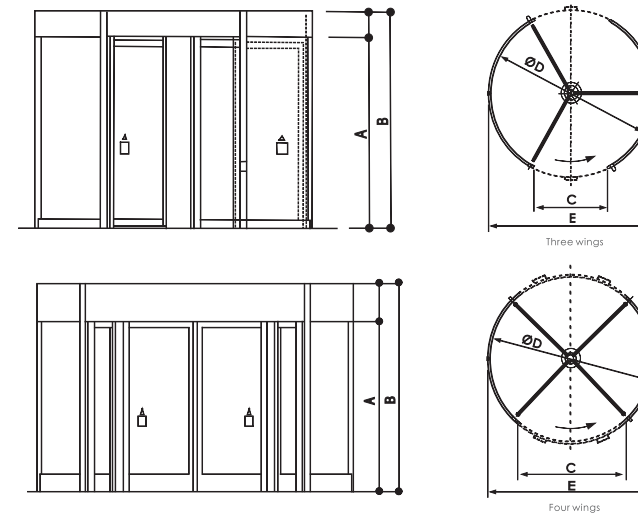
Fully intelligent computer control unit

Power supply	AC220V±10%, 50/60Hz
Power	200-400W, lighting 100W
Inverter	multi-level control, frequency control

Features

Induction rotation function, indoor heat preservation function, emergency stop function, disabled person slow walking function, safety fire prevention function, motor lock function, door stop function, adjustable speed function.

Sectional View



Unit:mm

Φ	2000	2200	2400	2600	2800	3000	3200	3400	3600
A	2200-2600								
B	2500-2900								
C	900	1000	1100	1200	1300	1400	1500	1600	1700
D	2000	2200	2400	2600	2800	3000	3200	3400	3600
E	2110	2310	2510	2710	2910	3110	3310	3510	3710



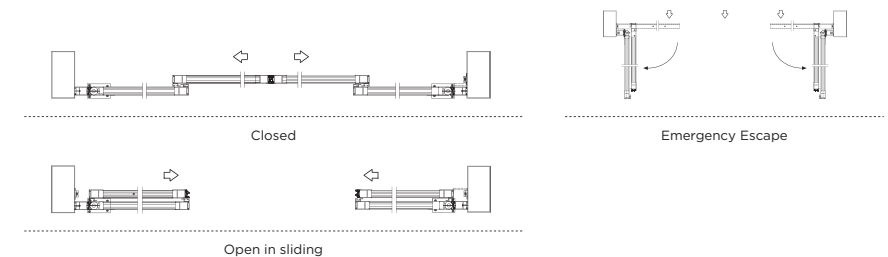
Technical Data

Door width range	4200-4800mm
Door height range	2800-3200mm
Passage height	2595-2995mm
Maximum load	140KgX2
Lower horizontal frame	212mm
Upper horizontal frame	155mm
Power requirements	3 cores 1.5 square mm, Single-strand copper core wire AC220V 5A 600W
Motor power	100W
Opening speed	300-600mm/S(adjustable)
Closing speed	300-600mm/S(adjustable)

Features

As an emergency escape evacuation channel, the system has a door leaf detection function, and the signal is transmitted to the microcomputer controller to ensure the safety of the automatic door. The main function of the system is that in the case of special circumstances (such as fire), the sliding automatic door leaf can be manually rotated to 90 degrees to open to provide a larger opening for pedestrians or goods to pass. The microcomputer controller has a comprehensive function interface with five function switches, backup power supply, emergency stop switch, fire linkage and other interfaces. The door body is hard and firm, and the accessories are precise and reliable. It can withstand the repeated opening of the door leaf and can be reset to ensure the normal operation of the automatic door. It is suitable for entrance passages that have safety requirements and require a large space for exit. Such as shopping centers, hospitals, hotels, car showrooms, airports, railway stations and other places.

Sectional View





Technical Data

Door form	single open / double open
Door height	up to 2400mm
Door width	≤560mm
Door width	W≤1200mm/ W≤2400mm
Power supply voltage	AC220V, 50/60Hz
Motor power	65W 24V (1) / 65W 24V (2)
Operating speed	2-4S
Temperature range	-30 ~ +40°C

Features

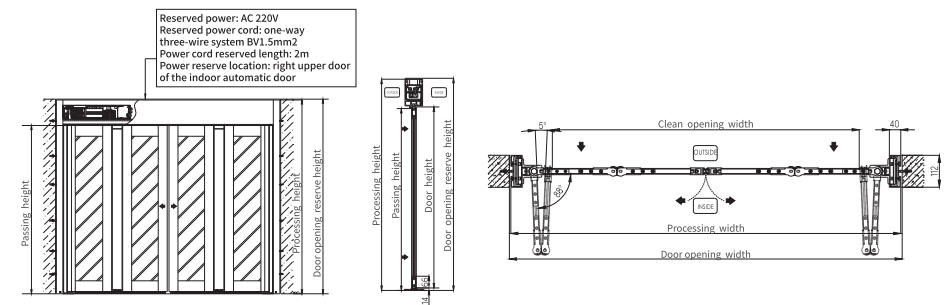
Double unit system drive, aluminum alloy door + tempered glass, integral structure, seamless connection. When the door is opened, the door body is folded, which effectively saves space.

The smooth door body automatically opens and closes, providing a comfortable passage space and close to the smooth door effect.

A new generation of Deper folding doors, safety anti-pinch, insulation, sound insulation, fire retardant, and more resistance to rebound.

Applicable to hospitals, shopping malls, office buildings, airports, showrooms, homes and other occasions.

Sectional View





ACCESSORIES

SPL - focus on the automatic door industry, create conscience products with heart, carefully crafted, strive for excellence, small things to achieve great things, the details are perfect!

Access Control	Microwave Sensor	Hardware Accessories
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Digital Access Keypad DM12

Dimensions: 112mm (L) X 68mm (W) X 12mm (H)
 Power supply voltage: DC12V
 Static current: < 100MA
 Storage capacity: 1024 user cards
 Card reading distance: 5-10CM
 Working temperature: -25°C - 60°C



Smart Touch Panel DL52

Dimensions: 86mm X 86mm X 7mm
 Panel material: high process vacuum plating alloy
 Panel thickness: 2.0mm tempered glass
 Supply voltage: AC/DC 12-36V
 Switching time: 0-3S adjustable
 Ambient temperature: -10°C -70°C



Infrared Hand Sensor DL56

Dimensions: 86mm X 86mm X 7mm
 Panel material: high process vacuum plating alloy
 Panel thickness: 2.0mm tempered glass
 Supply voltage: AC/DC 12-36V
 Induction distance: 1-15CM adjustable
 Ambient temperature: -10°C -70°C



Wireless Press Switch DL30

Dimensions: 131mm X 34mm X 13mm (button)
 98mm X 47mm X 30mm (control box)
 Power supply: AC / DC12-36V
 Battery life: 200 times per day on average
 High quality battery can withstand 300 days
 Working environment temperature and humidity: -42°C ~ 45°C,
 10 ~ 90% RH



Key Switch DL31

Dimensions: 85mm X 90mm X 45mm
 Function switching: 5 gears (Automatic, One-way, Half-open, Lock, Open)
 Key usage: 75,000 times or more



Battery Pack DL32

Appearance size: 155mm X 50mm X 70mm
 Input voltage: DC24V
 Output voltage: DC24V/2.6AH
 Capacity: 2000mAh
 Service life: 550 times opening and closing, about 7 hours for normal use
 Working mode: Normal operation / Hold open



Microwave Sensor DL6

Dimensions: 120mm (L) X 80mm (W) X 50mm (H)
 Maximum installation height: 3m
 Power supply voltage: 12V~24V AC / DC + 30% / -10%
 Power frequency: 50/60Hz
 Power consumption: <2W (VA)
 Product color: gray / black



Safety Beam (Single) DL33

Technology: active infrared, microprocessor
 Installation height: the minimum distance from the ground is 0.2 meters
 Distance between beams: minimum 0.2 m (reverse beam)
 Distance from the surface of the door: 2 cm
 Minimum range: 1 meter
 Maximum range: 10 meters - minimum installation height is 0.2 meters



Microwave Sensor DL6S

Dimensions: 120mm (L) X 80mm (W) X 50mm (H)
 Maximum installation height: 3m
 Power supply voltage: 12V~24V AC / DC + 30% / -10%
 Power frequency: 50/60Hz
 Power consumption: <2W (VA)
 Product color: black



Safety Beam (Double) DL33

Technology: active infrared, microprocessor
 Installation height: the minimum distance from the ground is 0.2 meters
 Distance between beams: minimum 0.2 m (reverse beam)
 Distance from the surface of the door: 2 cm
 Minimum range: 1 meter
 Maximum range: 10 meters - minimum installation height is 0.2 meters



Microwave Sensor DL8S

Dimensions: 142mm (L) X 46mm (W) X 45mm (H)
 Maximum installation height: 3m
 Power supply voltage: 12V~24V AC + / -10%; 12V~30V DC
 Power frequency: 50/60Hz
 Power consumption: <2W (VA)
 Product color: gray / black



Foot Induction DL36

Dimensions: 175mm X 185mm X 53mm
 Opening size: W130mm X H150mm X D60mm
 Installation height: the minimum distance from the ground is 0.1 m
 Distance between beams: minimum 0.1 m (reverse beam)
 Minimum range: 20 cm
 Maximum range: 1 meter - minimum installation height is 0.2 meters



Laser Safety Sensor D-227L

Detection diameter: 100mm light spots(2.8meters height)
 Detection reaction time: ≤50ms
 Detection range: away from the ground large than 20CM
 Detection angle: 0-25° adjustable
 Installation height(max): 5m(fixed position), 3.5m(moving door leaf)
 Working temperature: -20°C-60°C



Extension Module DL50

Dimensions: 100mm X 48mm X 30mm
 Power supply voltage: AC/DC 18-36V
 Open delay: 0.5S
 Professional device: built-in surge absorber
 Remote battery operation: ≥18,000 times



Safety Combined Sensor D-235

Technology: **microwave activation, infrared safety**
 Max installation height: **2.5m**
 Microwave Activation:
 Detection Range: **4m(W) * 2m(D)**
 Temperature: **-20°C~ 55°C**
 Infrared Safety:
 Detection Range: **1600(W) * 800(D)mm**
 Temperature: **-40°C-60°C**



Glass Clamp 31

Dimensions: **150mm X 42mm X 28mm**
 Product material: **high quality aluminum alloy**
 Product specifications: **for 12mm glass, no need holes**
 Scope of application: **automatic door and sliding door with relatively light weight**



Safety Combined Sensor D-254

Technology: **infrared activation and safety**
 Max installation height: **3m**
 Detection Range: **1600(W) * 800(D)mm**
 Temperature: **-40°C-60°C**
 Quantity of ray: **1 line for presence, 4 emits, 16 spots 3 lines for motion, 12 emits, 48 spots**



Glass Clamp 33

Dimensions: **1000mm X 30mm X 50mm**
 Product material: **high strength aluminum alloy**
 Withstand weight: **glass 10-15mmX1.2m X2.6m**
 Installation method: **clip the glass without holes**



Safety Combined Sensor D-506

Technology: **microwave activation, infrared safety**
 Max installation height: **3.5m**
 Work temperature: **-25°C~ 55°C**
 Microwave Activation:
 Detection range: **4m(W)×2m(D)(Installation height=2.5m)**
 Infrared Safety:
 Detection range: **2500(W)×600(D)mm**



Glass Clamp 35

Dimensions: **220mm X 30mm X 35mm**
 Product material: **high strength aluminum alloy**
 Product specifications: **for 12mm glass without holes**
 Scope of application: **glass sliding door with light weight**



Safety Combined Sensor D-507

Technology: **infrared activation and safety**
 Max installation height: **3.5m**
 Detection Range: **2500(W)×1400(D)mm**
 Temperature: **-25°C-55°C**
 Light beam: **2 way safety, 6 transmitting, 24 light spot; 1 way motion and safety, 3 transmitting, 12 light spot; 2 motion, 6 transmitting, 24 light spot**



Glass Clamp 36

Dimensions: **150mm X 50mm X 29mm**
 Product material: **high strength aluminum alloy**
 Product specifications: **for 12mm glass, open holes**
 Scope of application: **automatic door, sliding door**