

LANDING DOOR MECHANISM

FEATURES

- Hard MS Track For Designed Smooth & Silent Operation.
- Durable Door Contact for Extended Lifespan.
- Grooveless Bottom Sill Design to Prevent Dirt Entry & Enhance Aesthetic Appeal.
- Effortless Installation.
- 3 MM Wire Rope For Enhanced Strength & Durability.



Sr. No.	Type	Available for Opening (MM)	Illustration
1.	2-Panel Center Opening	500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1100, 1200, 1300, 1400	 <p>FIG. VIEWING FROM FLOOR TOWARDS LIFT</p>

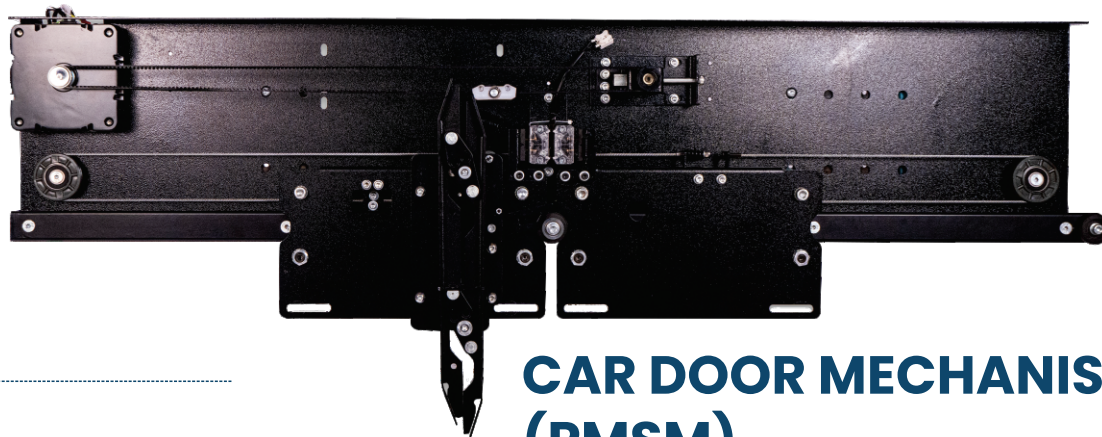
LANDING DOOR MECHANISM (TELESCOPIC)



Sr. No.	Type	Available for Opening (MM)	Illustration
1.	2-Panel Telescopic Opening	500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1100, 1200, 1300, 1400	 <p>FIG. VIEWING FROM FLOOR TOWARDS LIFT</p>  <p>FIG. VIEWING FROM FLOOR TOWARDS LIFT</p>



CAR DOOR MECHANISM (TELESCOPIC)



CAR DOOR MECHANISM (PMSM)

FEATURES

- Low Weight & Reduced Overall Dimensions.
- Wider Belt Size Strengthens The Operating Torque.
- Hard MS track for designed smooth and silent operation.
- Auto Learning Facility For Variable Door Weight.
- Speed Control For Coupler-skate Gives Noiseless Opening/ Closing.
- Dedicated Vvuf Allows Flexibility Of Parameter Programmability To Cater User Choice.
- Wide Input Power Supply Range Makes Trouble Free Operation In Power Fluctuation.
- Long Life Door Contacts.
- Adjustable Idle Pulley With Spring Tension.
- Bottom Groove Less Sill Design To Prevents Dirt Entry & Gives Attractive Bottom Look.
- Easy Installation & Fast Debugging.
- Field Configurable For Interfacing With Different Types Of Main Controller.

AVAILABLE OPTIONS

Sr. No.	Type	Available for Opening (MM)	Max. Operator Width (MM)
1.	2-Panel Center Opening	500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1100, 1200, 1300, 1400	(2 x Clear Opening)
2.	2-Panel Side Opening (Right/Left)	500, 550, 600, 650, 700, 750, 800, 850, 900, 1000, 1100, 1200, 1300, 1400	(1.5 x Clear Opening) + 100
3.	4-Panel Center Opening	700, 800, 900, 1000, 1200, 1300, 1400, 1600, 1800, 2400	(1.5 x Clear Opening) + 50



AUTODOOR DRIVE FOR DOOR HEADER

LIFT EXPRESS is a state of the art. high end, micro controller-based solution designed to suit a wide range of automatic door operation. It is compatible with nearly all standard opening sizes available in the market, offering unparalleled performance and flexibility.

Becomes operational in the blink of an eye ! With any kind of main controller

- **PLUG AND START-** The LIFT EXPRESS simply takes the control of the doors as soon as it is powered.
- **SELF LEARNING-** It automatically adapts the Opening & Load parameters of doors by just your finger tip.
- **FLEXIBILITY BY PROGRAMABLE PARAMETERS-** It tunes to your imaginations of door functionality by its programmable parameters viz. Opening Full Speed, Opening Slow speed, Closing full speed, Closing slow speed, Slowing distance while opening, Slowing distance while closing, Braking Slope, Safety Force, Open Holding Force, Skate Speed, Close Holding Force etc.
- **DOOR STATUS OUTPUTS -** It gives the Relay Contact O/P as per the status of the Door viz. Fully opened, Fully Closed, Object , Obstruction.
- **VISIBILITY OF ALL INPUTS, OUTPUTS ,OPERATIONS-** It displays the status of all I/P s, O/P s & Operations to make you more comfortable while monitoring the operation of the unit.

SPECIFICATIONS

Supply Voltage	180 VAC-270 VAC , 50Hz.
Supply Current at full speed	• 200VA for TINY (66W) • 400VA for REGULAR(110W)
Display	4 Digit ,Red LED Display
Configuration Mode	• Single I/P-Two I/P • With/Without Skate • Center / Telescopic • Master/Slave
Control Inputs	• Open • Close
Signal Input Voltage, DC (optically isolated input type)	24V
Signal Current, DC (optically isolated input type)	20mA,Max.
Relay O/P	1 CO, 230 VAC,3A rated-4 nos. for. • Fully Opened • Fully Closed • Light-Curtain Object • Over Load/Obstruction
Indicator Module Size (mm)	60(H)*200(W)*50(D)
Operating Free-air Temperature Range	0°C to 50°C
Storage Temperature Range	-10°C to 70°C
Humidity	0% to 95% non condensing
Available Options	• TINY UP TO 150 Kg. Load • 2-Wire Interface • REGULAR UP TO 400 Kg. Load



AUTODOOR DRIVE FOR DOOR HEADER

SPECIFICATIONS

Supply Voltage	90 VAC-270 VAC
Supply Current at full speed	• 200VA for 150 Kg. • 400VA for 400 Kg.
Display	4 Digit ,Red LED Display
Configuration Mode	• Auto Skate Release • Master/Slave • Center / Telescopic
Control Inputs	• Open • Close • Light Curtain (Master/Slave Mode)
Signal Input Voltage, DC (optically isolated input type)	24V
Signal Current, DC (optically isolated input type)	20mA,Max.
Relay O/P	1 CO, 230 VAC,3A rated-4 nos. for. • Fully Opened • Safety Light-Curtain Object • Fully Closed • Over Load/Obstruction
Indicator Module Size (mm)	60(H)*200(W)*50(D)
Operating Free-air Temperature Range	0°C to 50°C
Storage Temperature Range	-10°C to 70°C
Humidity	0% to 95% non condensing
Available Options	2-Wire Interface

PERMANENT MAGNET SYNCHRONOUS MOTOR & DOOR CONTROLLER

Main Circuit Topology	AC-DC-AC, Voltage-Source PWM Control	
Power Supply	Voltage Input	AC 220V \pm 20%
	Frequency	50Hz \pm 5%, 60Hz \pm 5%
Inverter Output	Voltage Output	AC 0 ~ 220V
	Current Output	1.5A
	Rated Power	200W
Control Features	Control Mode	Current Vector Control
	Modulation Mode	SVPWM
	Max. Speed	1500 RPM
	Control Precision	\pm 0.1%
Interface	I/O	4 Optocoupler Isolated inputs, 4 relay outputs
Protection Function	Under-voltage, over-voltage, output overload, motor over-temperature, motor stall, sensor alarm, belt slipping etc.	
	Use Caution	Avoid direct sunlight, corrosive and/or flammable gases

- Door Controller with “Adaptive & Learning Free” Control
- High Efficiency with PMSM Motor & Drive
- Reduced Energy Consumption
- Smooth Door Movement
- Improved Passenger Experience
- High Reliability & Low Maintenance





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