



PRINCE Enterprises

Mfrs. of All types of Lift Control Panel

www.princeenterprises.ind.in

INTEGRATED SOLUTIONS FOR ELEVATORS

ELEVATOR
CONTROL PANEL

2024



An ISO 9001:2015 Certified Company



ELEVATOR CONTROL SYSTEM

DESIGN AND PRODUCTION

We at PRINCE ENTERPRISES strive to maintain our principles of integrity, honesty and quality at all time. Our effort brings prosperity to our business associates and our customers.



Passionate about flawless execution and on time delivery

Embrace creativity and take on changes positively

Caters to the customers a cutting edge technology at affordable pricing



Quality Policy is to achieve complete customer satisfaction by fulfilling their needs through technically excellent and cost effective product to become a leading, highly valued organization committed to high standards of excellence.

WHY PRINCE

We are the Quality Product Manufacturer of Elevator (Lift) Control Panels.

- Transparent dealing.
- On time delivery of product & service.
- Assured quality supplied.
- Efficient after-sales service.
- Operational simplicity and reliability.
- High Performance and easy maintenance.
- Providing cutting edge technology at affordable pricing.
- Provide customized solutions.



Prince Enterprises, active since 2011, is one of the companies in Bengaluru to build in-house design and manufacturing of Elevators Control System.

13+

YEAR OF EXPERIENCE

20000+

CONTROL UNITS

300+

SATISFIED CLIENTS

PRINCE HYDRAULIC CONTROL PANEL



Operating Voltage	380-480 VAC, 3 Phase
Lift Type	Passenger lift
	Car lift
Door Operation	Manual Door
	Auto Door
Starter type for pump	DOL starter
	Star - Delta Starter
Pump Capacity	Up to 80 HP
Valve Voltage	24/48/110 V AC or DC
	230 VAC
Speed	Up to 1 m/s
Reed Signal	Car Top Reed

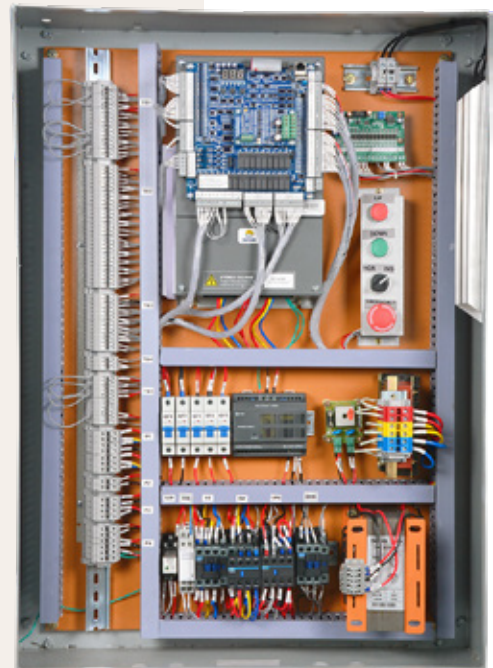
SPECIAL FEATURES

- STAR/DELTA timing is user configurable.
- Multiple side door opening facility.
- ARD operation using UPS is available.
- Password protection with trip counter.
- LCD display showing status & errors.

HPMONT 71 CONTROLLER

SPECIAL FEATURES

- Shaft learning is standard.
- Direct-to-floor landing, smooth ride comfort, optimal travel mean time.
- Power on reset run is not needed.
- Practical, reliable power Failure auto rescue emergency operation using 220V, 1ph UPS/ARD.
- Automatic identification operation between short-floors with different floor heights.
- Advance door opening and re levelling using option card.
- 7 segment LED display for floor position indicator.
- With variety of door function control to meet different needs in freight lift doors requirement.
- Parallel wiring control for all digital input and output.
- Optimum Exclusive function, quick easy start-up periods.
- Pre-factory default parameters setting facilitate zero parameter setting at site.
- All inputs and outputs are user programmable.
- Suitable for auto door as well as manual door.





MONARCH NICE 1000+

Operating Voltage	380-480 VAC, 3 Phase
	220-240 VAC, 1 Phase
Number Of Stops	G+15 Down Collective
	G+15 Full Collective
Door Operation	Manual Door
	Auto Door
Speed	Up to 1.5 m/s

SPECIAL FEATURES

- Integrated distance based controller.
- Close loop operation for gear & gearless motor with Encoder card.
- Flexible programmable Input & Output.
- Parallel communication with LOP & COP.
- Closed loop vector control technology.
- Duplex on board, Group control using CAN bus.

INVT EC 160+

Operating Voltage	380-480 VAC, 3 Phase
	220-240 VAC, 1 Phase
Number of Stops	Up to 64 Stops
Door Operation	Manual Door
	Auto Door
Speed	Up to 6 m/s

SPECIAL FEATURES

- Integrated distance based controller.
- Close loop operation for gear & gearless motor with Encoder card.
- Parallel communication with LOP & COP available up to 12 Stops using external card.
- Serial communication with LOP & COP using CAN .
- Closed loop vector control technology.
- Simplex, Duplex & up to group of 8 elevator is possible.





INVT EC 90 OPEN LOOP

SPECIAL FEATURES

- Support up to 15 Doors (with door expansion board), maximum speed 1.0 m/s(open loop), 1.5 m/s(closed loop).
- Support both geared motor and PM motor.
- Support both open loop and closed loop control mode with extra PG card.
- Support parallel/semi-serial/full serial communication.
- Easy commissioning tools such as external LCD keypad, built-in keypad and phone APP with Bluetooth adaptor.
- Emergency rescue running with UPS power supply.
- Built-in RTC circuit, supports the lock function based on date and time.
- Customized protocol function efficiently prevents the spare parts to being replaced by others.

INVT GD 300L SINGLE-PHASE

SPECIAL FEATURES

- STO function: Support optional built-in Safety Torque Off function, and conform to IEC 61508(SIL 3), EN/ISO 13849-1(PL e) and EN945-1(Category 3)
- Support forced deceleration function to prevent lift car from top-hitting and bottom-clashing during the upward or downward running
- Support emergency rescue running with AC220V UPS and light load direction search
- Advanced torque compensation algorithm with / without weight sensor to prevent rollback and make the starting smooth
- Support both open & closed loop vector control



INVT GD 300L MRL

Operating Voltage	380-480 VAC, 3 Phase
Speed	Up to 1m/s
Number Of Stop	G+39 Down Collective
	G+23 Down Collective
Door Operation	Auto Door
	Manual Door
Reed Signal	Cabin Top Reed

SPECIAL FEATURES

- No extra wiring required for ARD operation.
- Only One single control use as NORMAL operation & ARD operation because of which less sapce is required.
- No need to use special V3F Drive for ARD.
- V3F drive setting is not required.



INVT GD 300L MR

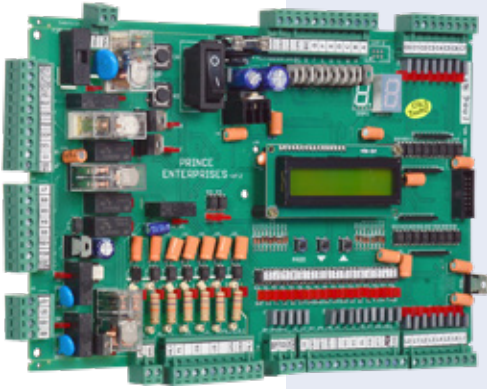
Operating Voltage	380-480 VAC, 3 Phase
Speed	Up to 1m/s
Number Of Stop	G+39 Down Collective
	G+23 Down Collective
Door Operation	Auto Door
	Manual Door
Reed Signal	Cabin Top Reed

SPECIAL FEATURES

- No extra wiring required for ARD operation.
- Only One single control use as NORMAL operation & ARD operation because of which less sapce is required.
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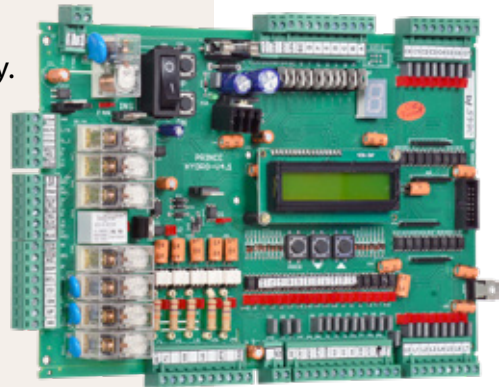
PRINCE CONTROL BOARD 3000



- Supply voltage requirement 12VDC & 110VAC for safety.
- On board number of stops 8.
- Maximum 40 stops with extension card.
- Door operation MANUAL door & AUTO door.
- Speed support up to 1.2 m/s.
- Reed signals CABIN TOP REED.
- User configurable with LCD display & keyboard.
- Status of all inputs & outputs though LED indication.
- LCD display showing status & errors.
- Relay board embedded with logic board so no need of external relay card.
- 7-Segment (with b/P/G)& binary display output.
- Duplex system available.
- Auto attendant, Auto fan, Fire ,ARD & CC mode is available.

PRINCE CONTROL BOARD HYDRAULIC

- Logic board for HYDRAULIC ELEVATOR.
- Supply voltage requirement 12VDC, 24VDC & 110VAC for safety.
- On board number of stops 8.
- Maximum 16 stops with extension card.
- Door operation MANUAL door & AUTO door.
- Reed signals CABIN TOP REED.
- User configurable with LCD display & keyboard.
- Status of all inputs & outputs though LED indication on board.
- LCD display showing status & errors.
- Both side door opening is available.
- Star/Delta timing is user configurable.
- Duplex system available.
- Functions : - Auto attendant - Auto fan - Fire mode.



MONARCH DRIVE NICE 1000+



- Integrated distance based controller.
- Close loop operation for gear & gearless motor with Encoder card.
- Flexible programmable Input & Output.
- Parallel communication with LOP & COP.
- Closed loop vector control technology.
- Duplex on board, Group control using CAN bus.



HPMONT DRIVE MONT 71

- Supporting Max.16 floors with expansion card.
- Complete parallel communication without additional accessories.
- 4 built-in high voltage input and switch can be compounded by software.
- Supports display board in 7 segment, BCD code and Gray code.
- LCD display showing status & errors.

INVT DRIVE EC 160+

- Integrated distance based controller.
- Close loop operation for gear & gearless motor with Encoder card.
- Parallel communication with LOP & COP available up to 12 Stops using external card.
- Serial communication with LOP & COP using CAN .
- Closed loop vector control technology.
- Simplex, Duplex & up to group of 8 elevator is possible.



INVT DRIVE GD 300L



- STO function: Support optional built-in Safety Torque Off function, and conform to IEC 61508(SIL 3), EN/ISO 13849-1(PL e) and EN945-1(Category 3)
- Support forced deceleration function to prevent lift car from top-hitting and bottom-clashing during the upward or downward running
- Support emergency rescue running with AC220V UPS and light load direction search
- Advanced torque compensation algorithm with / without weight sensor to prevent rollback and make the starting smooth
- Support both open & closed loop vector control



START HYDRAULIC POWERUNIT 93E

SPECIAL FEATURES

- Dual Speed Valve
- 55 L to 380 L Capacity
- Smooth Ride Comfort
- Speed upto 1 m/s
- Inbuilt Ball Valve filter
- Submersible and external motor applicable

START HYDRAULIC POWERUNIT 21E

SPECIAL FEATURES

- Dual Speed Valve
- 25 L to 75 L Capacity
- Smooth Ride Comfort
- Speed upto 0.5 m/s
- Submersible and external motor applicable





START HYDRAULIC POWERUNIT HE250 ELECTRONIC

SPECIAL FEATURES

- Dual Speed Valve
- 55 L to 650 L Capacity Superior Ride Comfort
- Speed upto 1 m/s
- Flow sensor and temperature sensor
- Motherboard included
- AI driven Intelligent valve
- Submersible and external motor applicable

START HYDRAULIC PISTONS

SPECIAL FEATURES

- Imported pistons made in Italy factory
- Sizes from 70 mm to 140 mm dia.
- CHROME PLATED pistons for longer life
- Chevron packaging seal for longer life according to Indian conditions
- Joint pistons available ready stock





PRINCE Enterprises

We are the Quality Product Manufacturer of Elevator Control Panels. Our manufacturing facility is an ISO 9001 certified and follows continuous to achieve world-class standards.



Contact Us



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