



DISTRIBUTOR :



**MOST
ADVANCED
PRODUCTS**

MAP CONTROL & AUTOMATION CO.

Ghaziabad Corporate Office : Khasra No. 1053, Plot No. 30, Sadique Nagar,
Opp-uttam Toyota Showroom, Vikash Nagar, Industrial Area, Delhi Meerut Road,
(NH-58) GZB (U.P.) 201003

Mob : +91-9557443280, 8218178561 | **Website :** www.mapcontrol.in

Email : admin@mapcontrol.in, support@mapcontrol.in, mapcontrol80@gmail.com

SERVICES : DELHI NCR, PUNJAB, HARIYANA, UTTRAKHAND, JAIPUR, PATNA, UTTAR PRADESH



MAP CONTROL & AUTOMATION CO.

Email : adim@mapcontrol.in, info@mapcontrol.in, mapcontrol80@gmail.com

+91 9557443280, 8218178561, 8743820804

COMPANY PROFILE

Map Control & Automation Co. is one of the leading organization offering advanced and comprehensive control panel of elevator solution in the market, since its inception. We at Map Control & Automation Co. Cater to the ever increasing quality demands of the industry. The company today can boast of a long list of satisfied customers. in a short span of time, Map Control & Automation Co. has developed a world-class Elevators facility and is consistently increasing its manufacturing capacity and range of components. We are committed to provide our customers a one-step solution. therefore, we have added a state-of-the-art technology to strengthen our arm. Backed by a fully dedicated management and energetic competent staff, Map Control & Automation Co. is on its way to be a world-leader in the times to come.

VISION



Total Customer Satisfaction
Continuous Improvement
Dedication To Quality

MISSION



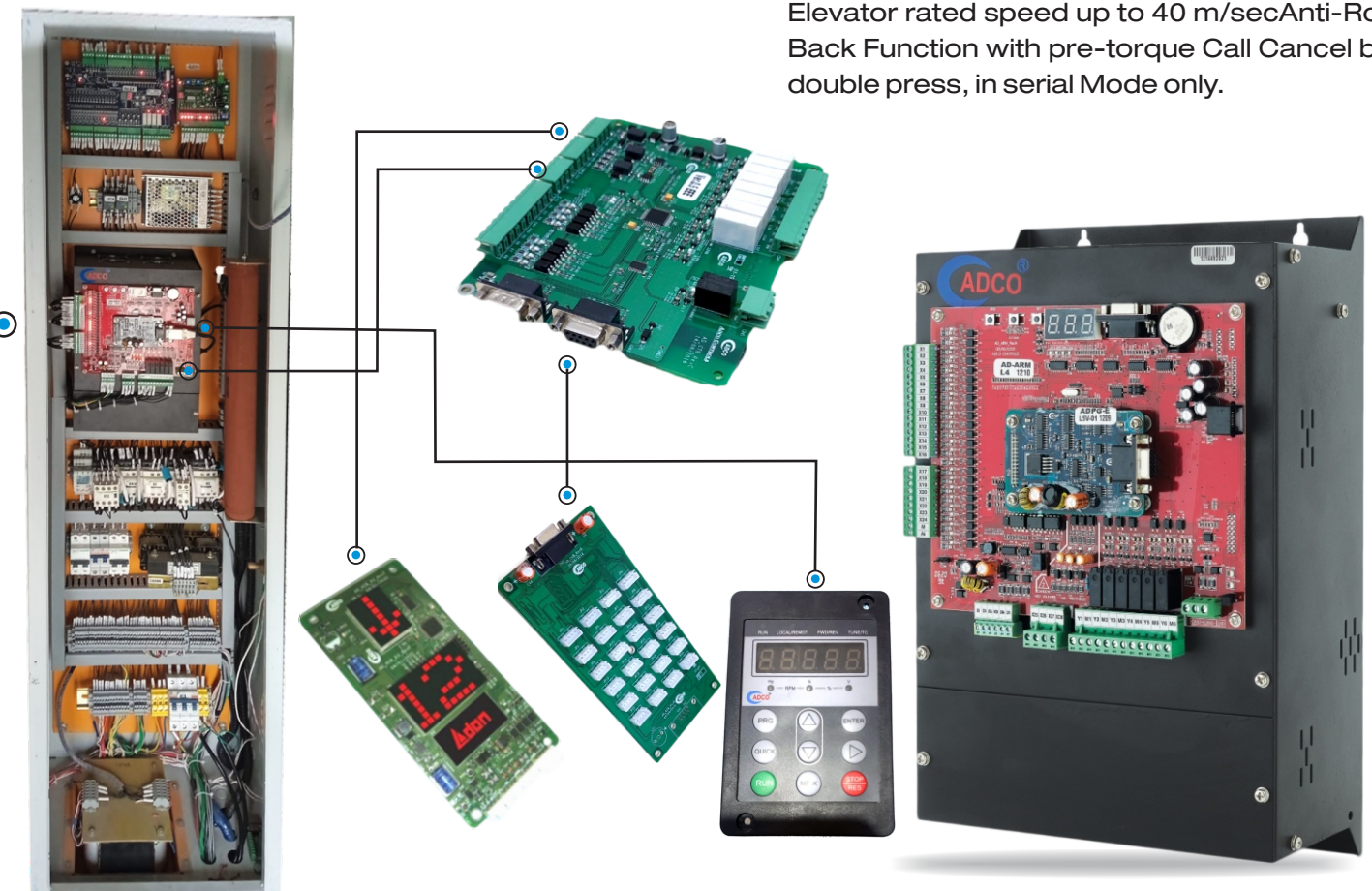
Map Control & Automation has the mission of providing quality services related to the elevator controller according to the standards/ specification of our customers. Working towards our mission, We follow the axioms of total quality assurance and continuous improvement in product features and processes. We will strive to do this better to achieve world class manufacturing system and continually improve so that all customers and members of the Map Control & Automation Co. team can share prosperity In long term growth.

AD450 ^{ADCO} Serial Close Loop Integrated Panel

FEATURES

- AD450 is a new-generation close loop integrated elevator controller independently developed and Manufactured by ADCO CONTROLS India.
- It supports high-performance vector control and open-loop low speed running. It can drive both AC asynchronous motor and permanent magnetic synchronous motor (PMSM), and implement switchover between the two types of motors easily
- by modifying only one parameter. It adopts the distance-based direct stop technology, with Dynamic curves generated automatically at Run time, achieving convenient and comfortable riding.
- It supports a maximum of 40 floors in Serial, floors In Parallel 16 floor Parallel and is widely applied to all type of elevators It supports CANbus and Modbus communication

- protocols for COP and LOP which reduces the required traveling cables.
- It supports dedicated CANbus for Duplex Control System.
- All Type of encoder is supported..Flexible emergency backup power: 220Vac UPS power input makes Emergency evacuation easy 20 fault codes with detail information to facilitate.
- easy diagnostics it supports Both Parallel and Serial.
- communication for COP and LOP Wiring.
- Automatic identification operation between short-floors It support Standard Shaft position learning and
- Motor Tuning System.
- Handheld Operation Tools: Mini Keypad to facilitate easy Commissioning.
- Advance door opening and re Leveling using option card It supports Two Side Door Opening with Individual COP and LO It supports Elevator rated speed up to 40 m/sec Anti-Roll Back Function with pre-torque Call Cancel by double press, in serial Mode only.



AD360[®] ADCO[®]

Integrated Parallel Close Loop Control Panel

HIGHLIGHT FEATURES

- AD360 is a new-generation close loop integrated elevator controller independently developed and Manufactured by ADCO CONTROLS India.
- It supports high-performance vector control and open-loop low speed running. It can drive both AC asynchronous motor and permanent magnetic synchronous motor (PMSM), and implement switchover between the two types of motors easily by modifying only one parameter.
- Standard: 8 floors, full collective; expansion option: up to 16 floors (conventional parallel wiring)
- Duplex onboard group control (CANbus serial communication)
- Selectable door control mode (manual, semi-automatic, automatic)
- Selectable fireman operation
- Single-phase 220 Vac UPS (quasi & sine wave) rescue mode operation ready with automatic light load search Comprehensive trip diagnostics.
- Output frequency 0.0~99.0 Hz

Application Features

- Supports synchronous (PM gearless machines) and asynchronous (geared machines)
- Smooth ride performance
- "Direct To Floor" technology
- Rapid commissioning step through sequence
- Anti-rollback without any external load cell (gearless machines)
- Pre-torque function (analog signal from load cell for geared machines)
- Flexible programmable I/O's
- Static auto tuning for asynchronous and synchronous machines (without br



AD340[®] ADCO[®]

Integrated Parallel Open Loop Control Panel

FEATURES

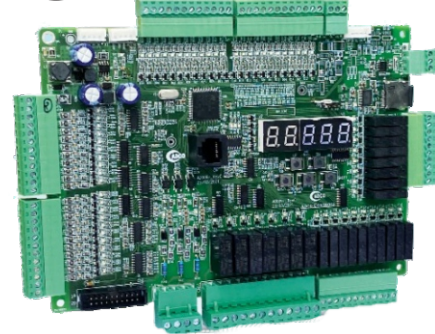
- AD340 is a new-generation open loop integrated elevator controller independently developed and Manufactured by ADCO CONTROLS India.
- It supports high-performance vector control and open-loop low speed running. It can drive only AC asynchronous motor without the need of an encoder. Using high-performance vector control technology, it supports both open loop vector control and V/F control
- It adopts the direct stop technology, with Dynamic curves generated automatically at Run time, achieving convenient and comfortable riding. It supports a maximum of 8 floors, 16 floor with extension and is widely applied to all type of elevators.
- It supports dedicated CAN bus for Duplex Control System.
- Flexible emergency backup power; 220Vac UPS power input makes Emergency evacuation easy.
- 20 fault codes with detail information to facilitate easy diagnostics.
- It support Standard static Motor Tuning System. Handheld Operation Tools: Mini Keypad, to facilitate easy Commissioning. It support Both Auto Door and Manual Door System It supports Two Side Door Opening with Individual COP and LOP
- It supports Elevator rated speed up to 1.0 m/sec
- Anti-Roll Back Function with DC braking Function.



AD180L[®] ADCO[®]

OPEN LOOP DRIVE

Smart Card



AD009+



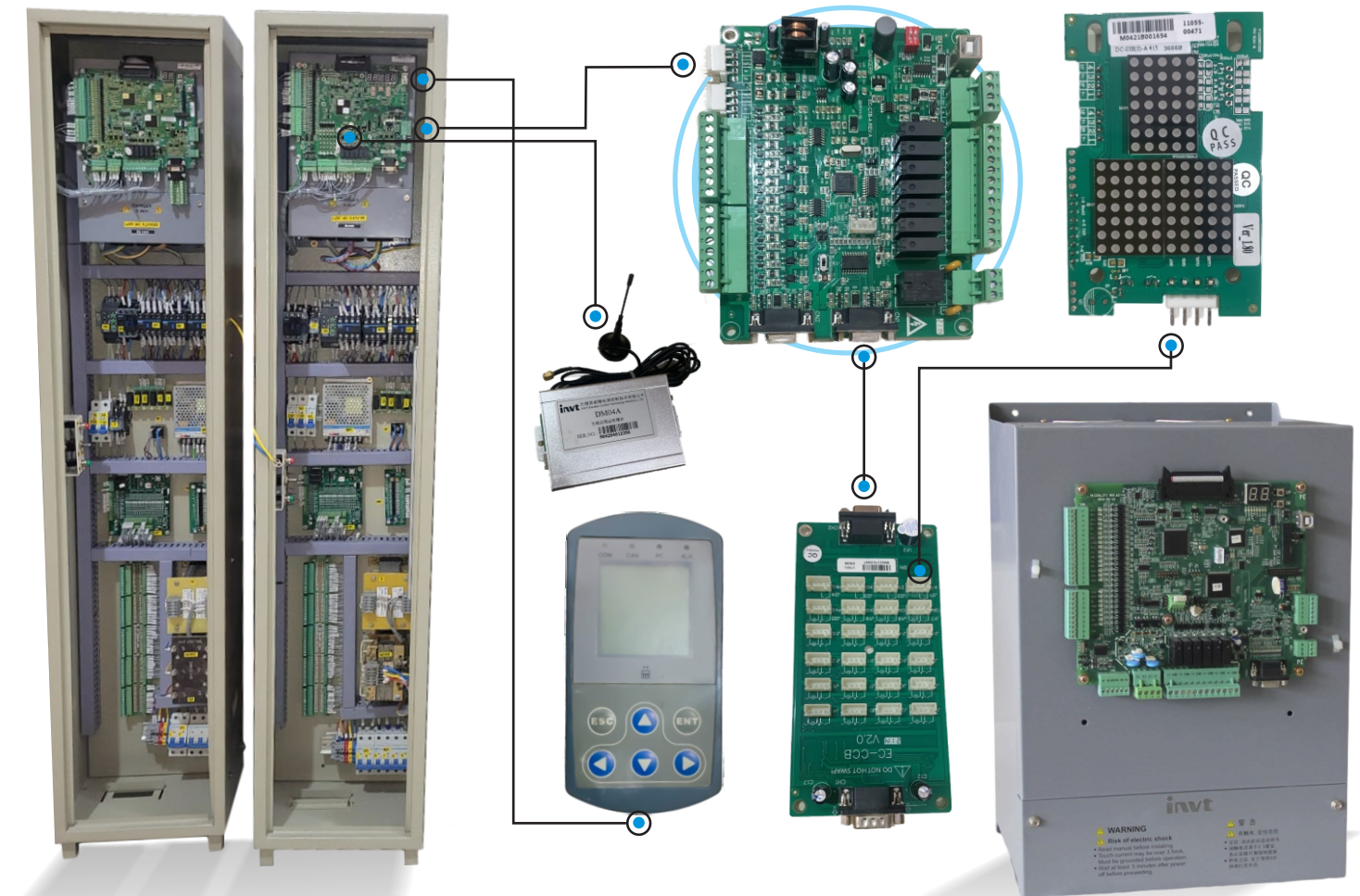
FEATURES

- AD180L is a new-generation open elevator drive independently developed and Manufactured by ADCO CONTROLS India.
- It supports high-performance vector control and open-loop low speed running. It can drive only AC asynchronous motor without the need of an encoder.
- Using high-performance vector control technology, it supports both open loop vector control and V/F control
- Flexible emergency backup power : 220Vac UPS power input makes Emergency evacuation easy.
- It support dynamic static Motor Tuning System without disconnecting a load. Check Output phase loss at all time and check torque output before releasing brake.
- Handheld Operation Tools: Mini Keypad, to facilitate easy Commissioning.
- It supports Max Output Frequency up to 100 Hz.
- Anti-Roll Back Function with DC braking Function.
- Overload capacity: 150% for 60 Sec & 180% for 3 Sec. Inputs: 9 Digital Input, 1 High Speed Pulse Input, 3 Analog Input.
- Outputs: 2 digital Output, 2 Analog Output, 2 Relay Output.
- RS485 supports MODBUS-RTU protocol, CAN supports CAN link protocol.

EC160^{inv}t

Intergrated Serial & Parallel Close Loop Controller

MAP EC160 elevator intelligent integrated machine is the whole "core" generation of intelligent elevator control system integrating drive technology, control technology, network communication technology as a whole design concept. It uses advanced frequency conversion vector control technology, intelligent elevator control technology, network communication technology organically integrating the elevator drive, control, management into one.



EC70 invt

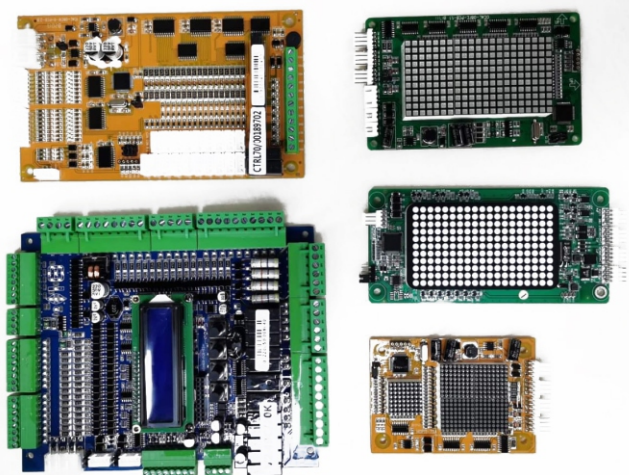
Universal Control Card

FEATURES

- Dual-32-bit embedded microprocessor, high performance and intelligence
- Designed to supports asynchronous motor with/without encoder
- Simple LED display on board for 7-segment floor position and arrow indicator.
- Two-row LCD on board for easy parameter setting by using 4 buttons and displaying the state of elevator including car position, direction, running mode, error info, door opening/closing etc.
- All the Input and Output are Opto-isolated, carrying LED indication onboard and user programmable
- Each floor display character can change at site as well as can set the binary code for parallel display of each floor
- Power Failure auto rescue emergency operation using single phase 220V UPS
- Dual password protection for parameter access

APPLICATIONS

- Suitable for both traction elevator and hydraulic elevator
- Applicable for Passenger elevator, Medical elevator, Goods elevator, Residential elevator, Disabled elevator etc.
- Elevator rated speed 0.3-4.0 m/s, support duplex and group control.
- Floor level can support up to 8 floors for full parallel, 16 floors for serial-parallel mixed and 64 floors for full serial communication.
- Suitable for auto as well as manual door.



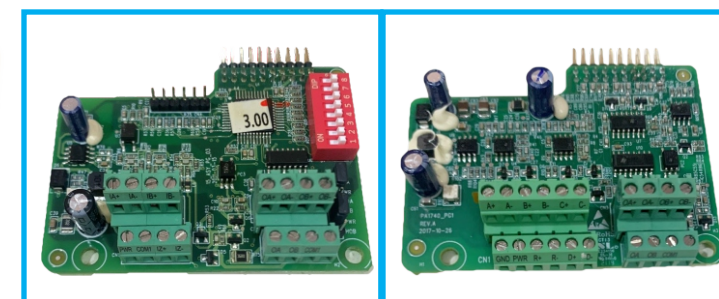
GD300L invt

Open and Close Loop Drive

MAP GD300L series invertors are the new-generation invertors developed based on CHV180 series invertors with Goodrive300 control platform. As using TI 28-series DSP and advanced vector control technology. Goodrive300L series invertors improved great achievements in security and reliability, control performance, and use functions.

TECHNICAL FEATURES

- Any parameters can be set at site.
- All inputs signal's NO/NC Selection can be set on site.
- Power on reset run to ground floor is not required.
- Practical reliable power Failure auto rescue emergency operation using single phase 220V UPS.
- Decelerated and smoothly stop on emergency stop function.
- All inputs and outputs are user programmable.
- All parameters are password protected.
- Providing under voltage, over voltage and earth protection device for controller.

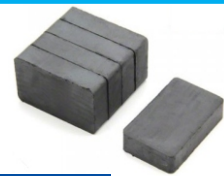


ELEVATOR ELECTRICAL ACCESSORIES

DOOR SENSOR



MAGNET



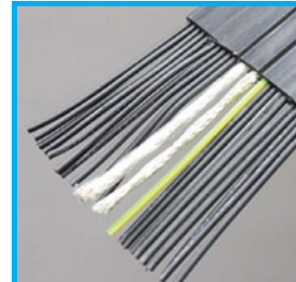
LIMIT SWITCH



FLAT TRAVELING CABLE



FLAT TRAVELING CABLE



Fermator Motor



DOOR DRIVE



FERMATOR DRIVE



BLOWER FAN



REED SWITCH



EMERGENCY ALARM



FIREMAN SWITCH



ACCESS CONTROL



LOP AND COP



ARD & UPS



JUNCTION BOX



TRAVELING CABLE HANGER



ACCESSORIES FOR REPAIRING

AD009



Monarch Door Drive



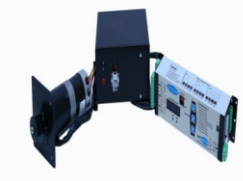
Toshiba VFD



Toshiba



Lift Master Door Drive



Delta VFD



Fuji Frenic VFD



Fuji



Fermator Door Drive



Denfos VFD



Fuji Frenic VFD



Fuji



ABB VFD



Siemens



AD - 180 L



AD - 340



Monarch



Fuji



AD - 450



AD - 360



Yaskawa



Yaskawa



GD - 300 L



EC - 160



EC - 70

