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warranty elevator control
system on all parts.

Supply and After sale
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A Alliance Lifts

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Date: 06/Dec/2022

Authorized Dealer Certification

The certificate verifies that M/s. AALLIANC Lifts is entitled to sales & services products Mfg. by our companies (M/s. Adco Controls- H.O).

This dealership authorization certificate validities up 1 year (05/DEC/ 2023) from date of issue from the supplier.

Dealer will follow the norms of all products sales and services as per the agreed Mfg. Policy as channel partner and this dealer authorized for the cities trades of business and after sales services.

City Locations: Uttar Pradesh, Rajasthan, Himachal, Uttra khand, Haryana

Regards,

ADCO Controls

Bhargav Patel

Sales Head (H.O Office)

AD 340



Open Loop Integrated



AD-340

Open Loop Integrated Parallel Communication

Features

- It 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. 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 CANbus 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.



without the need of an encoder

AD340 Open loop Integrated control panel Price list For AAL-ADCO Elevator Control System

G+7/Auto Door/Geared/3 reed Type/Integrated/with Integrated Drive/with Drive with DBR/with voice announcement/with UPS function/with std all Features.



5HP :- 36500+GST

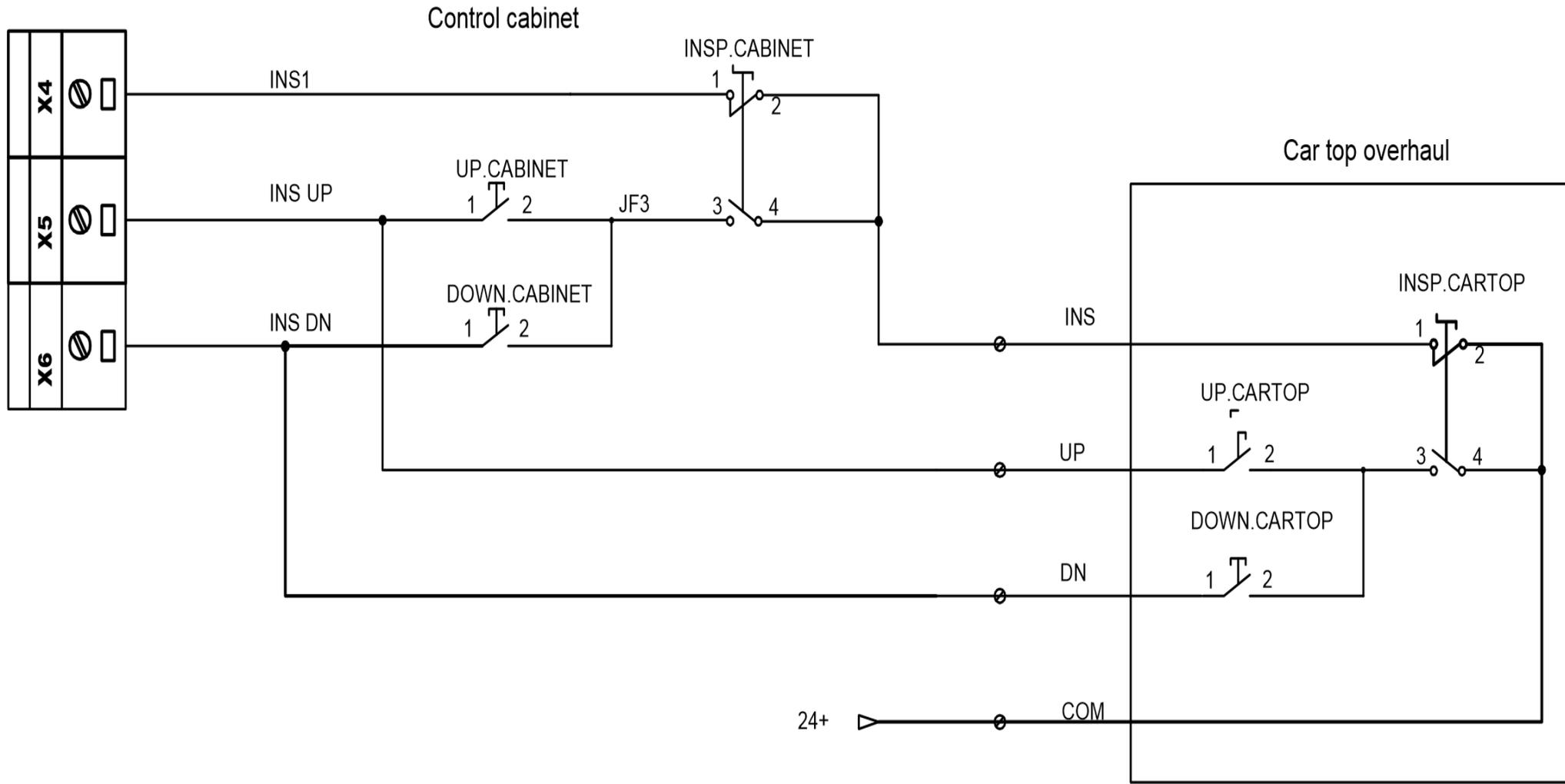
7.5HP :- 40500+GST

10HP :- 58000+GST



AD340 INS WIRING

AD340 INS WIRING



AD340 SAFETY CIRCUIT



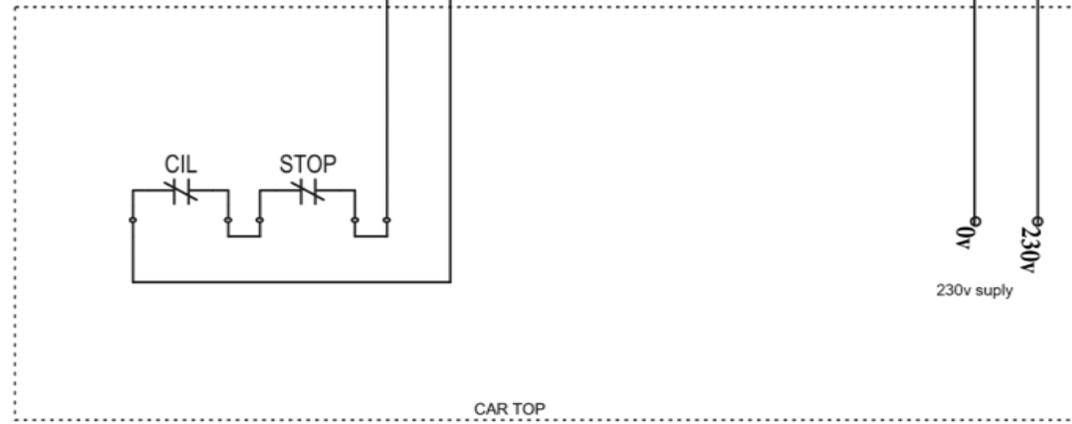
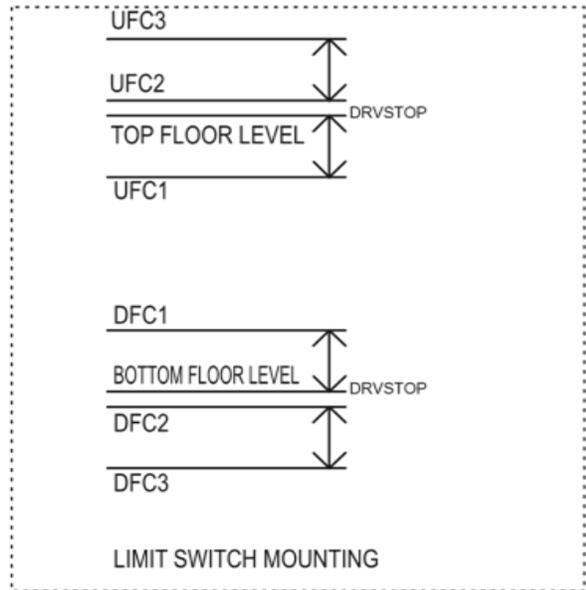
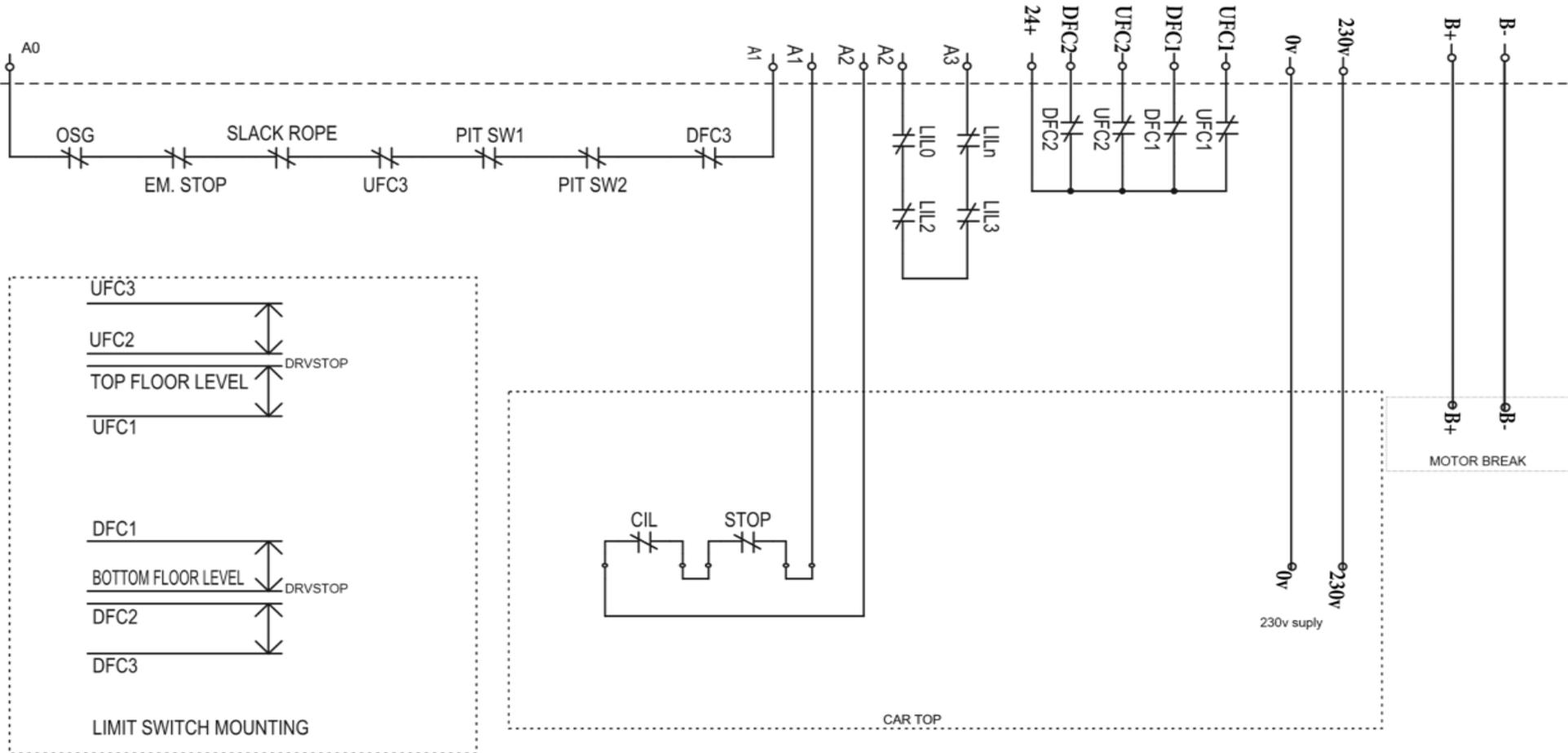
DFC1- Down Slow Limit Switch
 UFC1- Up Slow Limit Switch
 DFC2- Down Terminal Limit Switch
 UFC2- Up Terminal Limit Switch

A0 and A1- Third Finle, OSG, PIT Switch
 etc...
 A1-A2 :- Car Gate Lock
 A2-A3:- Landing Gate Lock

****Slow And Terminal Are
 24Volt DC Supply**

**** lock And Third Fine Are 110VAC
 Supply**

CONTROL PANEL



A I B C D



AD-360

Close Loop Integrated parallel Communication

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.
- 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, 8 floors In Parallel, 16 floor Parallel and is widely applied to all type of elevators.
- 20 fault codes with detail information to facilitate easy diagnostics.
- It support Standard Shaft position learning and Motor Tuning System.
- It supports dedicated CANbus for Duplex Control System.
- It supports CANbus and Modbus communication protocols for COP and LOP, which reduces the required traveling cables.
- Handheld Operation Tools: Mini Keypad, to facilitate easy Commissioning.
- Automatic identification operation between short-floors.
- Anti-Roll Back Function with pre-torque
- Call Cancel by double press, in serial Mode only.

ADCO360 Close loop Integrated Control Panel Price List For AAL-ADCO Elevator Control System

G+7/Auto & Manual door /MRL Gearless/Parallel Communication/Single reed type/ Integrated /with Integrated Drive with DBR/With suitable PGE Card/ with voice announcement /24V type/with UPS function /with line choke/with run contractor/with std all Features.



5HP :- 54000+GST
7.5HP :- 59000+GST
10HP :- 75000+GST
15HP :- 88500+GST



AD 450



AD-450

Close Loop Integrated Serial Communication

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, 8 floors In Parallel, 16 floor Parallel and is widely applied to all type of elevators.
- **It supports Both Parallel and Serial** communication for COP and LOP Wiring.
- 20 fault codes with detail information to facilitate easy diagnostics.
- All Type of encoder is supported.
- It support Standard Shaft position learning and Motor Tuning System.
- It supports dedicated CANbus for Duplex Control System.



- It supports CANbus and Modbus communication protocols for COP and LOP, which reduces the required traveling cables.
- Flexible emergency backup power : 220Vac UPS power input makes Emergency evacuation easy.
- Automatic identification operation between short-floors.
- 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 LOP.
- It supports Elevator rated speed up to 4.0 m/sec
- Anti-Roll Back Function with pre-torque
- Call Cancel by double press, in serial Mode only.



ADCO450 Close loop Integrated Serial Control Panel Price List For AAL-ADCO Elevator Control System

G+7/Auto & Manual door /MRL Gearless/Parallel Communication/Single reed type/ Integrated /with Integrated Drive with DBR/With suitable PGE Card/ with voice announcement /24V type/with UPS function /with line choke/with run contractor/with std all Features.

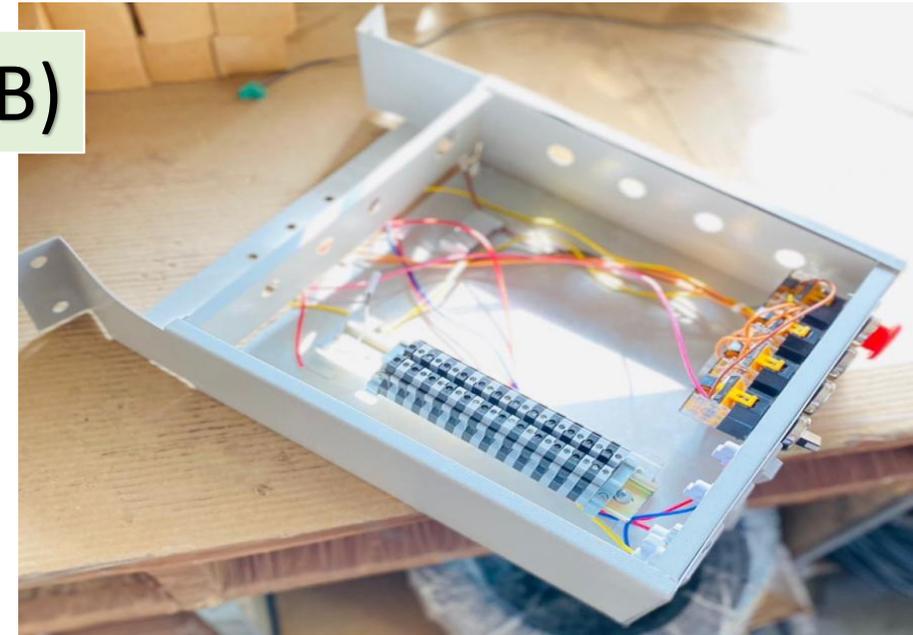


5HP :- 55000+GST
7.5HP :- 60000+GST
10HP :- 76000+GST
15HP :- 89500+GST



Cartop Junction Box (CTB)

Serial CTB :- 4800
Parallel CTB :- 1600



ADCO DOOR DRIVES & DOOR MOTOR



Features

- Unit has Compact Door Drive with PMDC Motor for Auto Door Lift.
- Unit works with any kind of doors.
- It senses the opening span automatically at the time of setup / installation.
- Manual Tuning doesn't required, Self-Learning is automatically executed during set-up.
- User can set Function Parameters by using Keys and Segment.
- Information Manual carries information about the Function Parameters.
- The Connection Diagram mentioned on Drive itself.

Technical Specification



Door Motor

- 24V PMDC Motor (Variants: 60W, 100W, Power Capacity depends on the size of the doors).
- Planetary Geared & Worm Geared Variants are available.
- Motor equipped with high resolution Encoder.

Door Drive

- Auto-Learning for the span of the door travel distance.
- Curved Profile for the operation of door opening & door closing, doesn't require to set any other extra parameters, like; Fast Speed, Slow Speed, Slow Located Distance etc.
- Use motor equipped encoder, so smooth start & stop function without extra limit proxy switches.
- Door Opened & Door Closed acknowledgment signals through Relay output.





OVER LOAD SYSTEM

High Accuracy



Features



- Capable of measuring up to 5 tons of weight(Cabin weight + structure + payload).
- Two relay outputs available, one for full load and other for over load.
- Easily operates on 230 volt AC supply
- Simple Programming mode for weight setting is available.
- Seven segment display is available for weight readings.
- Several LED indicators are available to highlight certain event indications.
- Lift load detection through measurement of stress of traction ropes.
- Low weight and compact in size .
- Easily installable on the cabin.

Overview :

- Overload protector is really very useful against the protection of controlling machines and inverter. It is really very useful as it deals capability of the elevators as per the requirement hence it enhances time of the lift which is currently under the use.