Integrated

AD 450
Full Serial Close Loop Integrated Solution
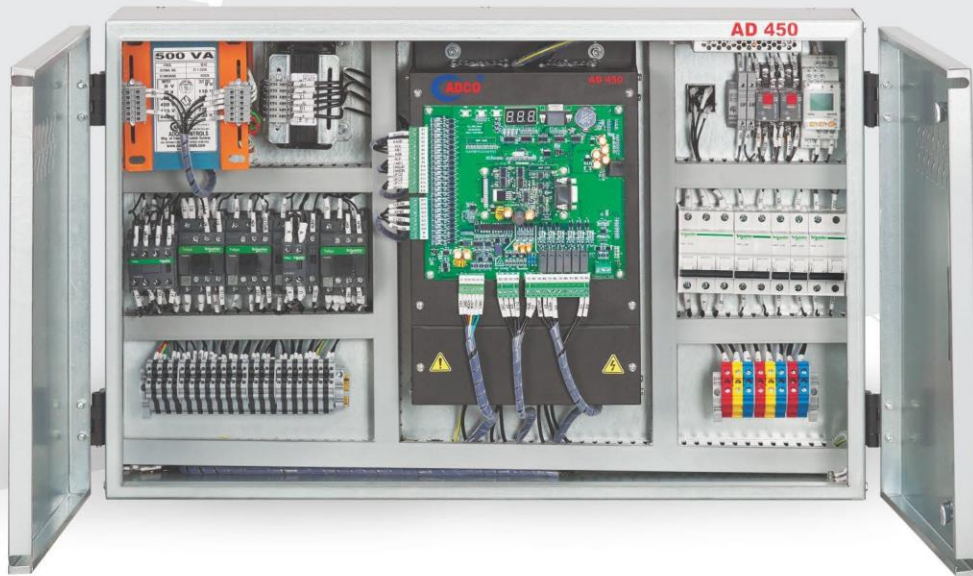

THIN Design

Power Rating
- 3.7kW to 30kW, Three-Phase (3 - Ø) 380 to 480VAC
- 2.2kW and 3.7kW Single-Phase (1 - Ø) 220VAC – Only PMSM

AD 450

AD CTB

AD CCB

With Connection Cable

Feature :

- **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,
- 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.
- 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 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.