

AD360

Parallel and Semi Serial Close Loop Integrated Solution

Feature :

- AD360 is the Ideal Integrated solution for elevator.
- Compatible both ACIM (Geared) and PMSM (Gearless) Machines.
- High Safety with Great Riding comfort.
- Displacement calculation methods derive the N velocity profile to achieve optimum direct-to-point distance control.
- Simple 2-wire serial communications to commission duplex group control.
- Flexible emergency backup power; 220 Vac power input makes emergency evacuation easy with automatic light load direction search
- Handheld Keypad operation tools make easy commissioning.
- 10 fault codes to facilitate easy diagnostics.
- Multiple type of encoder supported, Encoder Fault Protection.
- Advanced Door-Opening.
- Re-Levelling/Self-Rescue Levelling.
- Shaft Parameter Self-Learning.
- Anti-rollback without any external load cell (gearless machines).
- Flexible programmable I/O's.
- Static auto tuning for asynchronous and synchronous machines (without brake opening)
- Auto and Manual Door Supported.
- Double Door Supported.
- Target Floor Call LED Blinking.

AD360 : No of Floor

- **Full Parallel :**
 - Button input and indicator output: standard 26 (can be extended to 50).
 - 12 Stop Down Collective, 8 Stop Full Collective. With Extension 24 Stop Down Collective,
 - 16 Stop Full Collective.
 - All Button Input Output are Programmable.
- **Semi Serial :**
 - All Car Related Information through CAN bus Card AD-CTB & AD-CCB.
 - Landing Call Will be on board: 24 Stop Down Collective, 12 Stop Full Collective.
 - With Extension 40 Stop Down Collective and 24 Stop Full Collective.
 - All Button Input Output are Programmable.

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



Applications

- High speed, medium speed, low speed.
- Commercial elevator, passenger elevator, disabled elevator etc.,
- Elevator rated speed ≤ 1.75 m/sec.