

AD 230

Close Loop Integrated Solution



Feature:

- AD 230 is Close Loop Integrated solution for elevator.
- It Support Full Serial, Semi Serial and Parallel Communication.
- It Support IOT System and Mobile App.
- User can set their own protocol in Drive and Display only for Serial Communication.
- 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 group control.
- Group control of up to 8 elevators is based on fuzzy logic control theory.
- Flexible emergency backup power; 220 Vac power input makes emergency evacuation easy with automatic light load direction search.
- 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.

AD 230 : No of Stop Supported

Full Parallel :

- 12 Stop Down Collective, 8 Stop Full Collective.
- With Extension 24 Stop Down Collective, 16 Stop Full Collective.

Serial :

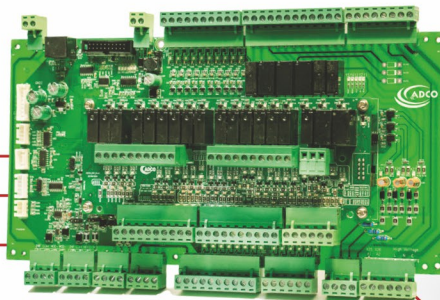
- 40 Stop Supported

Semi Serial :

- 24 Stop Down Collective, 12 Stop Full Collective.
- With Extension 40 Stop Down Collective and 24 Stop Full Collective.

Power Rating

- 3.7KW to 30KW, (3 - ϕ) 380 to 480VAC
- 2.2KW and 3.7KW (1 - ϕ) 220VAC
- Only PMSM



Applications

- Simplex, duplex, 3-8 units elevator control serial link additional AD-GCB (Group Control Board).
- Commercial elevator, passenger elevator, disabled elevator etc.,
- Elevator rated speed ≤ 1.75 m/sec.