

E2 Control System

For optimal elevator system performance

Otis brings you the latest in high rise elevator control system technology. The innovative E2 controller delivers state of the art motion control and safety features while dramatically simplifying hoistway wiring.

BENEFITS

- Adjustable "SNAP" motion profile control
- Enhanced safety and reliability
- Enhanced diagnostics and setup
- No relays or required maintenance
- Supports all elevator codes
- CAN communications architecture
- Over 50 percent smaller than conventional controllers

Ultimate passenger comfort and control features

Delivering the ultimate in passenger comfort, the E2 controller's advanced motion control allows you to adjust the rate of change of profile jerk (called "Snap"). This drastically decreases low frequency car bounce and increases passenger comfort.

Environmentally friendly

Stand-by power mode reduces the energy consumption during off-peak periods. Adaptive motion profiling adjusts the elevator acceleration rate depending on passenger loading to reduce peak power consumption.

Simplified system wiring

The E2 controller's CAN communications architecture dramatically reduces hoistway system wiring complexity.

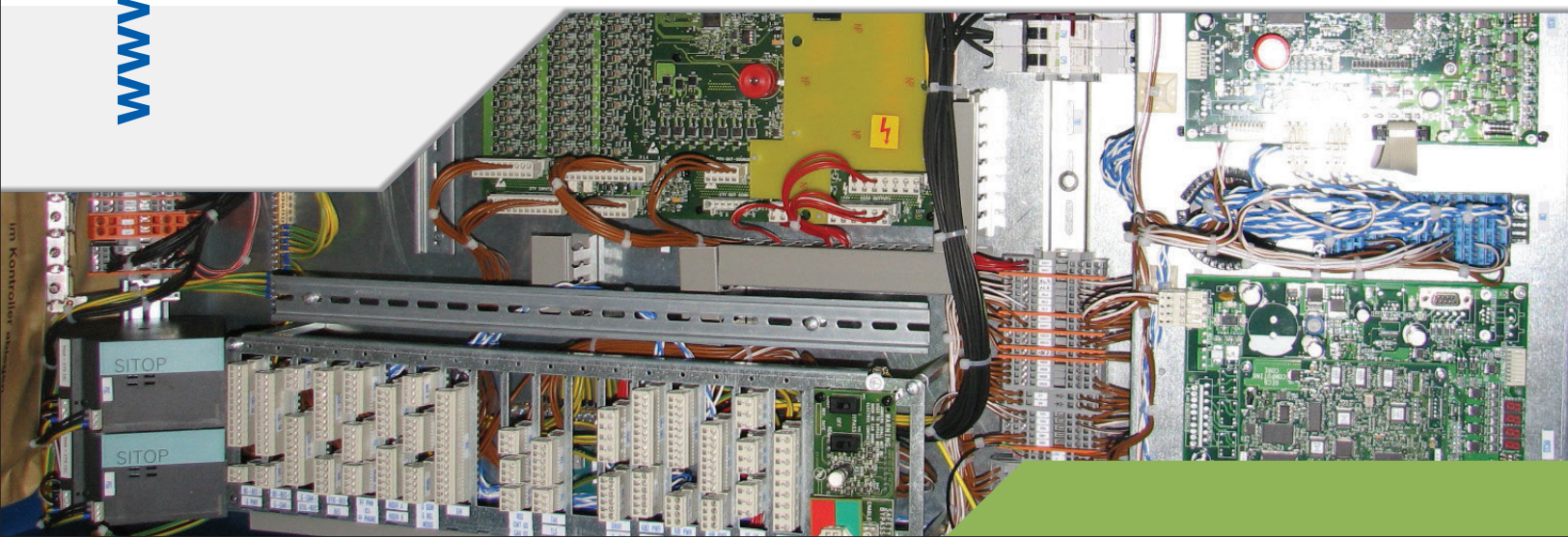
Enhanced safety and reliability

The E2 control system continuously monitors individual safety device thousands of times per second. Enhanced diagnostics and setup functions improve system robustness. Relays and position tapes have been completely eliminated from the E2 control system improving overall system reliability.

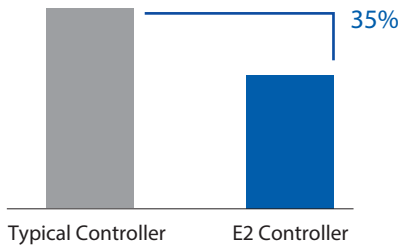
Compact design

Using the latest innovative design technology the E2 control is over 50 percent smaller than conventional high rise controllers.

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Snap control and passenger comfort



SNAP control increases passenger comfort by reducing low frequency car bounce up to 35 percent at the start and the end of the elevator run.

Specifications

Elevator Type	Single Deck, Double Deck and Super Double Deck
Maximum Speed	15m/s
Maximum Group	12
Maximum Rise	Single Deck-500m Double Deck—400m Super Double Deck—350m
Applicable Stops	2-140
Dispatching	RSR -V, Fuzzy (RRT, PWT), Compass
Rear Opening	Option
Fuzzy Logic	Standard
AI Prediction *2	Option (max 54 stops)
Dynamic Channeling	Option
Group Communications	CAN



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