

Science and technology create quality

MCP-HS High-speed Control Cabinet of Elevator

High Speed

- Apply to full collective elevator, duplex, group control, destination dispatching system, supports up to eight elevators in a group
- Speed range: 3-10 m/s,
- Max floor number: 64



Safety

- Redundant safety design, dual-CPU board controls, independent of the speed monitoring board
- Non-contact terminal deceleration switch, Gray code encoding input, reducing the inputs of deceleration switch, increasing the reliability of switching
- Whole safety electrical solution of reduced buffer stroke, certificated by State authority inspection agency.

Four-quadrant Drive

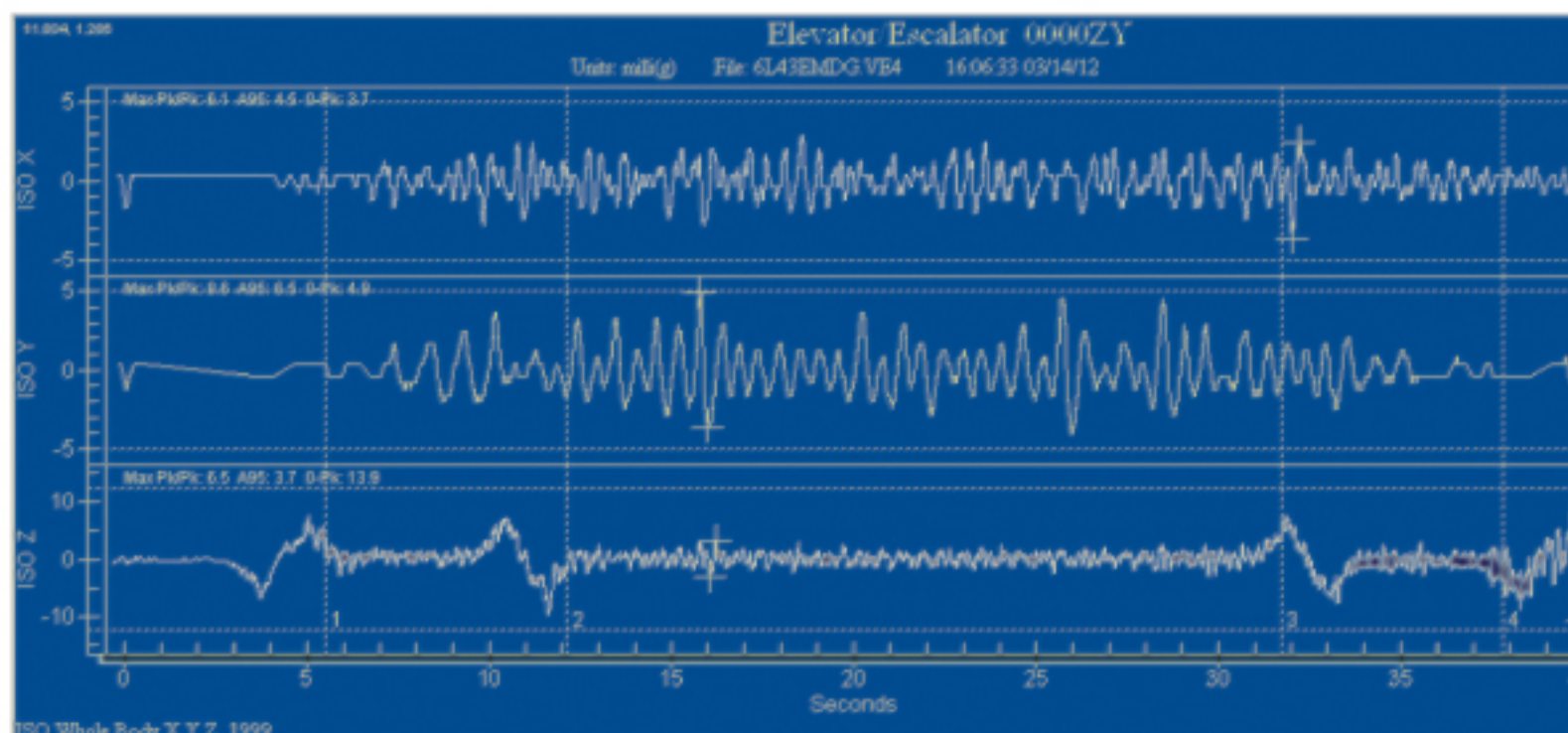
- A four-quadrant variable frequency control drive system
- AFE (Active Front End): precise control the bus voltage, achieve efficient energy feedback, the feedback current $I_{THD} \leq 5\%$
- Inverter with torque feed-forward technology to improve the speed control response capability, excellent speed tracking performance in high acceleration(deceleration) to ensure the ride quality of elevator

CAN-BUS Communication

- Using CAN-BUS communication to transmit data between the control system and drive system to improve accuracy and reliability of the speed control

Industrial-grade Design

- Modular cabinet design, flexible configuration, and can be adapted to different kind of elevator (speed, capacity)
- Excellent heat dissipation structure design to increase system reliability
- Using copper bar instead of power cable, clear arrangement and high reliability



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