

Elevator Commissioning Guide

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This chapter provides the operation instructions for the elevator industry. Refer to the content of this chapter, you can quickly complete the installation and commissioning of elevators, including related wiring and parameter setting.

Please pay special attention to the following precautions while operating this product.



DANGER

- ☑ Be sure to turn off the power before wiring.
- ☑ When the product is energized, do not remove the cover so as to avoid the risk of electric shock.
- ☑ Terminal E[Ⓢ] must be properly grounded. The 230V series shall be grounded with Type 3 grounding; the 460V series shall be grounded with the special grounding.



CAUTION

- ☑ Before starting the operation, please make sure the compatibility between Delta's Integrated Elevator Drive (IED) and the motor of the elevator; please refer to Appendix A Specifications.
- ☑ When a Delta IED is in operation, do not touch the heat sink (socket) and the braking resistor to avoid the risk of burns.
- ☑ During the installation, the installation precautions must be observed; unauthorized operating environment may result in fire, gas explosion, electrical induction and other events.
- ☑ If the wiring between the Delta IED and a motor is too long, the interlayer insulation of the motor may be damaged. In this case, please replace the motor with an AC motor dedicated for Delta IED or install a reactor (Please refer to Appendix B) between Delta IED and the AC motor so as to prevent the damaged insulation from burning the AC motor.
- ☑ The rated voltage of the power system for installing the Delta IED shall not exceed 240 V for the 230 series (480V for the 460 series); and the current shall not exceed 5000A RMS (10000A RMS for the models with capacities higher than 40HP (30kW))

Elevator Commissioning Guide

Lauren Gardner



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