

Design of electrical equipment system for a 1-ton elevator and simulation on Win CC

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Abstract: This topic focuses on designing the electrical equipment system for an elevator with a load capacity of 1 ton, aiming to address issues of operational safety and energy efficiency. Through a process of theoretical research combined with experimentation on Win CC software, the goal is to build a safe, reliable, and energy-saving electrical system for commercial elevators. The expected outcome is a design solution proven to be feasible and effective for practical implementation.

Keywords: 1-ton elevator, electrical equipment system, Win CC, operational safety, energy saving