

Design and manufacture of a control circuit for an automotive air conditioning system model.

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Abstract: This topic focuses on designing and manufacturing a control circuit for a model of an automotive air conditioning system, aiming to meet the demand for improving the system's operational performance. The real-world context of energy and environmental issues has driven this research. The objective is to build an intelligent control solution to optimize the operation of the air conditioning system in vehicles. The research methodology includes using simulation tools and experiments to determine the effectiveness of the proposed control circuit. The expected results from this topic not only contribute to the development of automotive technology but also bring significant environmental benefits.

Keywords: control circuit, air conditioning system, automobile, simulation, energy saving