

Buzzer module and its application in dangerous temperature warning systems

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Abstract: In the context of increasing fire and explosion incidents caused by temperatures exceeding safe limits, designing a dangerous temperature warning system has become an urgent need. This project focuses on developing a Buzzer Module capable of detecting and transmitting temperature information to users. Through a combination of theoretical research and experimentation, the project has successfully built an integrated warning system using the Buzzer Module to enhance safety management efficiency in work environments. The project's results not only meet technical requirements but also make a significant contribution to the development of communication and automation technology.

Keywords: Buzzer module, temperature warning system, occupational safety, communication technology