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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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**Electromagnetic compatibility -- Testing and measurement
techniques -- Voltage fluctuation immunity test**

电磁兼容 试验和测量技术 电压波动抗扰度试验

(English Translation)

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What this standard covers

This standard specifies the electrical and/or electronic equipment in its electromagnetic environment in which the immunity test. Part considering only conduction phenomena, including connected to the public supply network equipment and industrial immunity tests. The purpose of this section is to give a benchmark for evaluating the electrical and electronic equipment subjected to positive and negative voltage fluctuations, low amplitude noise immunity performance. This section relates to voltage fluctuations do not include flashing, it is by the light intensity fluctuations physiological phenomenon. This section applies to every phase rated current not exceeding 16A electrical and/or electronic devices. Not for connection to AC or DC distribution network 400Hz electrical and electronic equipment. For devices connected to these networks in other countries of the test given in standard. Special electromagnetic environment immunity test level requirements and associated performance criteria in the applicable product, product category or universal standards are given. However, many types of products is not sensitive to voltage fluctuations, these devices do not carry out this test.

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