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

GB/T 21706-2008

Modular terminal combination electrical equipment

模数化终端组合电器

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Foreword

Appendix A of this standard is the data appendix. The standard proposed by China Electrical Equipment Industrial Association. The low-voltage electrical standard by the National Standardization Technical Committee (SAC/TC189) centralized. This standard is drafted by: Shanghai Electrical Apparatus Research Institute (Group) Co., Ltd. Participated in the drafting of this standard. Schneider Electric (China) Investment Co., Ltd., Beijing ABB Low Voltage Electric Co., Ltd., Zhejiang Chint Electric Device Co., Ltd., Hangzhou, the switch Co., Yude Electric (Xiamen) Co., Ltd., Hager company, Shanghai Kawamura Electric Co. The company, Moeller Electric (Suzhou) Co., Ltd., Nanjing Qinhuai Dongfeng Electric Co., Ltd., Shanghai Electrical Equipment Co., Ltd. Central Church, Shanghai Electric Ceramic Co., Ltd., Shanghai Huayi Electric (Group) Co., Ltd., Shanghai Shihlin Electric Co., Ltd., Suzhou times Stewart Electric Co. The main drafters of this standard. Yintian Wen, Liu Mingdong, Wang Biyun, Chiang Yung. Participate drafters of this standard. He was the husband, including Zhang Yao, Wang Xianfeng, Wuling Juan, Jiang Xiaobo, Wang Dianguang, long Guo Yu, Liu Bin, Hou Ao roots, Cai Zhixiang, Linhai Ou, Sunxu Jiang Lin Zhang Meng, Xu Genlong. Modular combination of electrical terminal

1 Scope

GB/T 21706-2008 is the Chinese national standard on modular terminal combination electrical equipment, in the field of electrical engineering. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 24 April 2008 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;

Standardization Administration of China, and has been in force since 1 December 2008. Classification: ICS 29.120.01, CCS K31. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This standard applies to AC 50Hz or 60Hz, rated voltage to 400V electrical intended use various combinations, the line switch places Constant current does not exceed 125A. The purpose of this standard is to prescribe the most common modular combination of electrical terminal (hereinafter referred to as combination units) conditions of use, structure and performance Requirements, test methods and inspection rules, product logos and other content. The combination can be used for electrical power distribution and circuit overload, short circuit, residual current And overvoltage protection. The combination of electric power distribution for non-professionals, non-professionals can not be maintained. For some special-purpose combination of electrical, shall comply with the relevant requirements of this standard, which shall meet the special requirements of the relevant standards or by the user Consult with the manufacturer.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 1804-2000 General tolerances for linear and angular dimensions without individual tolerance tolerance (eqv ISO 2768-1. 1989)

GB 2423.4-1993 electrical and electronic products environmental testing procedures. Test Db. Damp heat test method variant (eqv IEC 60068-2-30. 1980)

GB/T 2900.18-2008 Electrotechnical term low-voltage electrical

GB/T 4207-2003 solid insulating materials under moist conditions tracking index and resistance measurement method compared to tracking index (Idt IEC 60112. 1979)

GB 4208-1993 housing protection (IP Code) (eqv IEC 60529. 1989)

GB/T 5169.10-2006 Fire hazard testing for electric and electronic products - Part 10. Glowing/hot wire based test methods for burning Hot wire apparatus and common test methods (idt IEC 60695-2-10.2000)

GB/T 5169.11-2006 Fire hazard testing for electric and electronic products - Part 11. Glowing/hot-wire based test methods to Glow-wire flammability test method product (idt IEC 60695-2-11.2000)

GB 14048.1-2006 Low-voltage switchgear and control equipment Part 1. General (IEC 60947-1:2001, MOD)

GB/T 19334-2003 size low-voltage switchgear and control equipment for the electrical machine switchgear and control equipment Mechanical support standard mounting rail (idt IEC 60715: 1981)

3 Definitions

This standard relates to most definitions, symbols and codes see GB/T 2900.18-2008, GB 14048.1-2006, and supplementary provisions The following definitions.

3.1 So that the card-mounted electrical form, fit and size of all or part of the coupling comply with the size of the series.

3.2 Mainly used for electric power line at the end, by the modular appliances (hereinafter referred to as electrical) as well as between them electrical, mechanical coupling and shell structure