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

GB/T 21762-2008

**Cable management -- Cable tray systems and cable ladder
systems**

电缆管理 电缆托盘系统和电缆梯架系统

(English Translation)

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Foreword

This standard is identical with IEC 61537:2006 "Cable management - Cable tray systems and cable ladder systems" (second edition).

This standard and IEC 61537:2006 Comparison of the individual only made editorial changes.

The standard Appendix D, Appendix J are normative appendices, Appendix A, Appendix B, Appendix C, Appendix E, Appendix F, Appendix G, Appendix H, Appendix I, Appendix K, Appendix L, compared with information appendix.

The standard proposed by China Electrical Equipment Industrial Association.

This standard by the National Electric annex Standardization Technical Committee (SAC/TC67) centralized.

This standard drafting units. Tianjin Electric Drive Design Institute, Guangzhou Electrical Apparatus Research Institute, Daquan Group Limited, Xuchang Xu Following Piney US special cable bridge Limited, the state-controlled electricity distribution equipment Quality Supervision and Inspection Center, Tianjin Jiuan Group Ltd., Jiangsu Wei Group Co., Ltd., Tianjin Tiankai Gabriel Electric Co., Ltd., town Jiang Wanqi Electrical Equipment Co., Ltd., Beijing Electric Co., Ltd., Beijing Cable bridge Manufacturing Co., Ltd., Beijing GF Electric Co., Ltd., Jiang Su Tianyuan Warwick Electric Group Co., Ltd., Shanghai Electric Group Co., Ltd. Chuan Kai Electric Co., Ltd. 9-Group Co., Ltd., Wuxi Weile Electrical Equipment Engineering Co., Ltd., of limited value Tengzhou Ltd., Fuzhou smooth Electric Co., Ltd. Ningbo Tianan Group switch, Jiangsu Dongyuan Electrical Group Co., Ltd., Qingdao Sony Electric Co., Ltd., Zhengzhou Zheng Electric Co., Ltd., Guangzhou Panyu Tianhong Industrial Development Co., Ltd.

1 Scope

This standard specifies requirements and test cable tray systems and cable ladder systems. The above-described system is electrical or communications systems security Installed in the supply cable or other electrical equipment used to support and resettlement. If necessary, cable tray systems and cable ladder systems can be used to make electricity Cable grouping.

This standard does not apply to piping systems, cable trunking systems, cable ducting systems or any current-carrying parts.

Note: cable tray systems and cable ladder systems for cable support as housing rather than as designed.

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 2423.55-2006 Environmental testing for electric and electronic products Part 2. Test methods - Test Eh. Hammer tests (Idt IEC 60068-2-75:1997) GB/T 4956-2003 on a non-magnetic substrate magnetic coatings Measurement of coating thickness - Magnetic method (idt ISO 2178. 1982) 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/T 5169.14-2007 Fire hazard testing for electric and electronic products - Part 14. Test flames - 1kW nominal pre - mixed fire Flame equipment, confirmatory test arrangement and guidance (idt IEC 60695-11-2:2003) GB/T 6461-2002 metal base metal and other inorganic coatings by etching after the test specimens and ratings (Idt ISO 10289:1999) GB/T 10125 artificial atmosphere corrosion test salt spray test (GB/T 10125-1997eqv ISO 9227:1990) ISO 1461. zinc coating technology requirements and test methods 1999 steel parts hot dip ISO 2808:1997 Paints and varnishes - Determination of film thickness ISO 4046 (all parts), paper, cardboard, pulp and Glossary of Terms IEC 60364-5-52:2001 Electrical installations of buildings Part 5-52. Selection and erection of electrical equipment - Wiring systems

3 Terms and Definitions

The following definitions apply to this standard.

Cable support system includes straight sections and other system components cable tray or cable ladder straight sections.

For members within the system. System components include.

- a) the cable tray or cable ladder line segment line segment;
- b) connection cable tray or cable ladder connector;
- c) a support member;
- d) mount;

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