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

GB/T 32876-2016

**Terminology in the area of information structures,
documentation and graphical symbols**

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard uses the redrafting method to modify the use of IEC TR62154:2005 "Electrical Information Structure, Documentation and Graphical Symbol Terms." this standard has the following differences compared to IEC TR62154:2005.

---Adjusted the standard text content, only retaining English terms, correspondingly adding Chinese terms and definitions, the clause number in Table 1 is the term number in the publication.

--- Added Chinese Pinyin index and modified the contents of the reference.

This standard is proposed and managed by the National Electrical Information Structure, Documentation and Graphic Symbol Standardization Technical Committee (SAC/TC27).

This standard was drafted. China Machine Productivity Promotion Center, China Electronics Technology Standardization Institute, China Communications Standards Association, Aerospace Second hospital.

1 Scope

This standard specifies all terms used in the field of electrical information structure, documentation and graphical symbols.

This standard applies to all electrical information structures, documentation and graphical symbols.

2 Normative references

The following documents are indispensable for the application of this document. For dated references, only dated versions apply to this article.

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 4728 (all parts) Graphical symbols for electrical diagrams [IEC 60617 (all parts)] GB/T

5094.1-2002 Industrial systems, devices and equipment and industrial product structure principles and reference code Part 1. Basic Rules (IEC 61346-1:1996, IDT) GB/T 5465 (all parts) Graphical symbols for electrical equipment [IEC 60417DB (all parts)] GB/T 6988.1-2008 Preparation of documentation for electrical technology - Part 1. Rules (IEC 61082-1:2006, IDT) GB/T 16679-2009 Industrial systems, devices and equipment and industrial product signal code (IEC 61175:2005, IDT) GB/T 16901.1-2008 Technical documents with graphical symbols - Part 1. Basic rules (IEC 81714-1:1999, MOD) GB/T 16901.2-2013 Technical documents with graphical symbols to represent rules Part 2. Graphical symbols (including reference symbol library Graphical symbol) computer electronic file format specification and its exchange requirements (IEC 81714-2:2006, IDT) GB/T 16901.3-2009 Technical documentation with graphical symbols - Part 3. Connections, classifications and codes (IEC 81714-3:2004, IDT) GB/T 17564.1-2011 Standard data element types and related classification models for electrical projects - Part 1. Definition principles and methods Law (IEC 61360-1:2004, IDT) GB/T 17564.2-2013 Standard data element types and related classification modes for electrical components - Part 2. EXPRESS Dictionary mode (IEC 61360-2:2012, IDT) GB/T 17564.5-2007 Electrical component standard data element types and related classification modes Part 5. Express dictionary model Extension (IEC 61360-5:2004, IDT) GB/T 18656-2002 Identification of terminals for industrial systems, devices and equipment, and industrial product systems (IEC 61666:1997, IDT) GB/T 19045-2003 Preparation of Schedules (IEC 62027:2000, IDT) GB/T 19529-2004 Composition of technical information and documents (IEC 62023:2000, IDT) GB/T 19678-2005 Specification, composition, content and presentation method (IEC 62079:2001, IDT) GB/T 19679-2005 Information technology used in the drafting and information exchange of electrotechnical technical documents (IEC 61286:2001, IDT) GB/T 20295-2016 Application of binary logic components and analog component symbols (IEC TR61734:2006, IDT) GB/T 20296-2012 Integrated circuit memory method and symbols (IEC TR61352:2006, IDT) GB/T 21654-2008 Sequential function chart diagram using GRAFCET specification language (IEC 60848:2002, IDT) GB/T 23371.1-2013 Basic rules for graphical symbols for electrical equipment - Part 1