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

GB/T 20063.15-2009

**Graphical symbols for diagrams -- Part 15: Installation diagrams
and network maps**

简图用图形符号 第15部分：安装图和网络图

(English Translation)

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Foreword

GB/T 20063 "Graphical symbols for diagrams" is divided into 15 parts.

--- Part 1. General information and indexes;

General application symbol;. --- Part 2

--- Part 3. connection with the device;

--- Part 4. Actuators and related equipment;

--- Part 5. Measurement and control devices;

--- Part 6. Measurement and control functions;

--- Part 7. Basic mechanical components;

--- Part 8. Valves and dampers;

--- Part 9. Pumps, compressors and blowers;

--- Part 10. Flow power converter;

--- Part 11. heat exchanger and engine components;

--- Part 12. separation, purification and mixing apparatus;

--- Part 13. material processing apparatus;

--- Part 14. materials for transport and handling equipment;

--- Part 15. Installation diagrams and network diagrams.

This part of GB/T 20063 "Graphical symbols for diagrams" in Section 15.

This section identical with ISO 14617-15:2002 "Graphical symbols for diagrams - Part 15. Installation diagrams and network diagrams." this part of the National Technical product documentation Standardization Technical Committee (SAC/TC146) and focal points.

This section is drafted. the machine Productivity Promotion Center, Xi'an University of

Technology, Hefei University of Technology.

1 Scope

GB/T 20063 provisions of this part of the installation diagram and network diagram
Graphical symbols for diagrams.

Create diagrams and basic rules for the use of graphic symbols, see GB/T 16901.1.

Creating and information on identifying patterns used in the registration number of graphic symbols used and the symbols that the application of the rules, see GB/T 20063.1.

2 Normative references

The following documents contain provisions which, through reference GB/T 20063 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 3102 (all parts), Quantities and units (eqvISO 31) GB/T 16901.1 technical documents represent the first part of the rule of graphical symbols. Basic rules (GB/T 16901.1-2008, ISO 81714-1:1999, Design of graphical symbols for use in the technical documentation of products-Part 1. Basic, rules, MOD) GB/T 20063.1 Graphical symbols for diagrams - Part 1. General information and indexes (GB/T 20063.1-2006, ISO 14617-1:2002, IDT) GB/T 20063.2-2006 Graphical symbols for diagrams - Part 2. General use of symbols (ISO 14617-2:2002, IDT) IEC 60027 (all parts), Letter symbols used in electrical technology

3 Terms and Definitions

GB/T 20063.1 and established the following terms and definitions apply GB/T 20063 in this section.

Mounting position by means of graphical symbols and expression showing the relationship between interconnection.

Display network overview diagram.

Example. Display diagram substations and power lines, telecommunications equipment and transmission lines.

Note: This term also applies to the expression of tunnels and schematic layout of oil, natural gas, district cooling heating, drinking water and drainage systems.

It meets the requirements of water for human consumption.

In drinking water systems to ensure the quality of drinking water reflux device.

GB/T 20063.15-2009/ISO 14617-15:2002