

ICS 01.080.01
CCS A22



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

GB/T 16902.5-2017

**Rules for the presentation of graphical symbols for use on
equipment - Part 5: Design guidelines of icons**

设备用图形符号表示规则 第5部分：图标的设计指南

Issued on: July 31, 2017

Implemented on: February 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China;
Standardization Administration of China**

Table of Contents

- 1 Scope
- 2 Normative references
- 3 Terms and definitions

Foreword

GB/T 16902 is "graphic symbols that rule" series of one of the national standards. The structure and name of the series of national standards are as follows:

- a) GB/T 16900 "graphical symbols that rule rules."
- b) GB/T 16901 "technical documents using graphical symbols that rule" is divided into the following three parts.
 - Part 1. Basic rules;
 - Part 2. Graphical symbols (including the reference symbol library graphic symbols) computer electronic file format specification and its intersection Change request
 - Part 3. Connection points, network classification and coding.
- c) GB/T 16902 "Equipment with graphical symbols that rule", is divided into the following five sections.
 - Part 1. Symbols original design principles;
 - Part 2. The form and use of arrows;
 - Part 3. Application Guidelines;
 - Part 4. Graphical symbols used as icons to redraw guidelines;
 - Part 5. Icon Design Guide.
- d) GB/T 16903 "signs with graphical symbols that rule", is divided into the following three parts.
 - Part 1. Public information graphic symbols design principles;

1 Scope

GB/T 16902.5-2017 is the Chinese national standard on rules for the presentation of graphical symbols for use on equipment - part 5: design guidelines of icons, in the field of generalities, terminology and documentation. 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 31 July 2017 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 February 2018. Classification: ICS 01.080.01, CCS A22. 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.

GB/T 16902 defines the role of this part of the icon and classification, given the icon design process, the basic design principles and design guide. This section applies to the design of the icons presented and used through the device screen.

Note. The icons have various other attributes in addition to the ones specified in this section. The details of these attributes and file types are not given in this section.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 5465.2 Graphical symbols for electrical equipment - Part 2. Graphical symbols

GB/T 15565 (all parts) graphic symbol terminology

GB/T 16273 (all parts) graphical symbols for equipment

GB/T 16900 Graphical symbols represent rules

GB/T 16902.4 devices with graphical symbols that rules - Part 4. Graphical symbols as icons redraw guidelines Drafting of specific content in the

GB/T 20002.2 standard Part 2. Needs of the elderly and handicapped

ISO 7000 device with a graphical symbol index and a list
(Graphicsymbolsforuseonequipment-Indexand synopsis)

3 Terms and definitions

GB/T 15565 defined and the following terms and definitions apply to this document.

3.1 Icon icon Interactive symbols that represent the functions of computer system objects and/or applications on the device screen. [Revised GB/T 15565.1-2008, definition 2.5.13.3]

Note. The icon is a type of graphic symbol used on the device.

3.2 Icon family iconfamily A set of icons with the same base icons and different add-ons.

3.3 Discriminability discriminability The degree to which an icon is easily distinguishable from other icons that may appear in its immediate vicinity or in a similar environment.

3.4 Recognizable recognisability The ease with which a new icon is identified based on the recognition experience of previous same or similar icons.

chinastandards.org - PREVIEW