INTERNATIONAL STANDARD

ISO/IEC 9995-6

Second edition
2006-09-01

Information technology — Keyboard layouts for text and office systems —

Part 6: Function section

Technologies de l'information — Disposition des claviers conçus pour la bureautique —

Partie 6: Module de fonctions

Reference number
ISO/IEC 9995-6:2006(E)

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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work. In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of the joint technical committee is to prepare International Standards. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

ISO/IEC 9995-6 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 35, *User interfaces*.

This second edition cancels and replaces the first edition (ISO/IEC 9995-6:1994), which has been technically revised. Unlike this second edition, ISO/IEC 9995-6:1994 did not allocate functions, except for the control function Escape, to the keys of the function section.

ISO/IEC 9995 consists of the following parts, under the general title *Information technology — Keyboard layouts for text and office systems*:

— *Part 1: General principles governing keyboard layouts*

— *Part 2: Alphanumeric section*

— *Part 3: Complementary layouts of the alphanumeric zone of the alphanumeric section*

— *Part 4: Numeric section*

— *Part 5: Editing section*

— *Part 6: Function section*

— *Part 7: Symbols used to represent functions*

— *Part 8: Allocation of letters to the keys of a numeric keypad*

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Information technology — Keyboard layouts for text and office systems —

Part 6: Function section

1 Scope

Within the general scope described in ISO/IEC 9995-1, this part of ISO/IEC 9995 specifies the function section of a keyboard and the division of that section into zones. This part of ISO/IEC 9995 specifies the arrangement, the number, and the location of the keys in the function zones of the function section as well as the allocation of functions to the keys.

Functions allocated to keys in other parts of ISO/IEC 9995 are defined in those parts.

2 Conformance

Equipment is in conformance with this part of ISO/IEC 9995 if it meets the requirements of Clauses 5 and 6.

3 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO/IEC 9995-1:2006, *Information technology — Keyboard layouts for text and office systems — Part 1: General principles governing keyboard layouts*.

ISO/IEC 9995-7:2002, *Information technology — Keyboard layouts for text and office systems — Part 7: Symbols used to represent functions*.

4 Terms and definitions

For the purposes of this document, the terms and definitions given in ISO/IEC 9995-1 apply.

5 Arrangement and location

The function section is an arrangement of keys located left of, above or right of all the other sections (see ISO/IEC 9995-1:2006, 6.1).

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6 Division into zones

The function section is divided into zones as illustrated in Figure 1. The zones are numbered according to their relative importance and probable frequency of use.

6.1 Number and arrangement of keys

Zone ZFO of the function section shall consist of a rectangular area occupying some part of row K, extending from column 99 to 15.

Zone ZFI occupies column 80 of rows A through E.

Zone ZF2 occupies column 80 of row K.

Zone ZF3 occupies columns 31 to 33 of row K and Zone ZF4 occupies columns 50 to 54 of row K.

Zones ZFO, ZF2, ZF3 and ZF4 may extend into rows above row K.

Zones ZFI and ZF2 may extend into column 79 and beyond as required.

Only keys to which control functions or programmable functions are allocated shall be located in the function zones ZF0 to ZF4, but this part of ISO/IEC 9995 does not define the allocation of any key except as defined in 6.2 below.

6.2 Key allocations

If the control function Escape is provided, and if any of the function zones, which are implemented in row K, are present, then this function shall be allocated to a single key located in the leftmost position of row K. This key shall be distinct from the other keys to prevent inadvertent actuation.

The use of a symbol for the Escape function key shall be as specified in ISO/IEC 9995-7.

Ten or more keys shall be provided in zone ZF0 to the right and separate from the key to which the Escape function is allocated. If used, programmable functions shall be allocated to these keys.

NOTE Key effects.

The operation of any function key in the function section is reported to the application. No key effects are defined in this part of ISO/IEC 9995.

The application, in interpreting the meaning of these keys, can take account of the state of any qualifier key.

Not drawn to scale – All lines are only indicative.

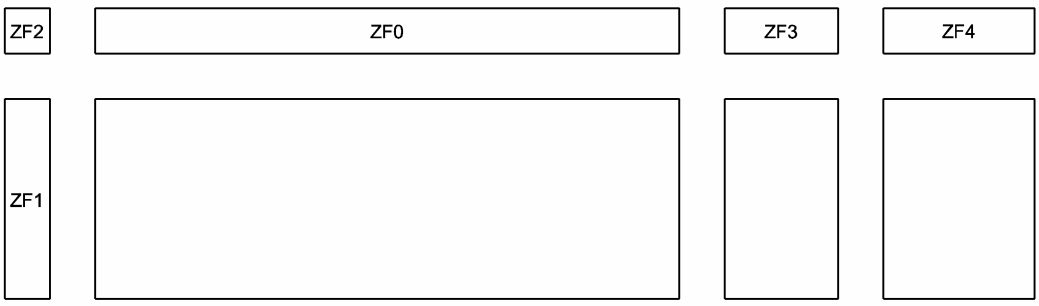


Figure 1 — Division of the function section into zones

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