

SLOVENSKI STANDARD
SIST EN ISO 9241-410:2008/A1:2012
01-december-2012

Ergonomija medsebojnega vpliva človek-sistem - 410. del: Merila za načrtovanje naprav za fizični vnos podatkov - Dopolnilo A1 (ISO 9241-410:2008/AMD 1:2012)

Ergonomics of human-system interaction - Part 410: Design criteria for physical input devices (ISO 9241-410:2008/AMD 1:2012)

Ergonomie der Mensch-System-Interaktion - Teil 410: Gestaltungskriterien für physikalische Eingabegeräte (ISO 9241-410:2008/AMD 1:2012)

Ergonomie de l'interaction homme-système - Partie 410: Critères de conception des dispositifs d'entrée physiques (ISO 9241-410:2008/AMD 1:2012)

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Ta slovenski standard je istoveten z: EN ISO 9241-410:2008/A1:2012

ICS:

13.180	Ergonomija	Ergonomics
35.180	Terminalska in druga periferna oprema IT	IT Terminal and other peripheral equipment

SIST EN ISO 9241-410:2008/A1:2012 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 9241-410:2008/A1

July 2012

ICS 13.180; 35.180

English Version

**Ergonomics of human-system interaction - Part 410: Design
criteria for physical input devices (ISO 9241-410:2008/AMD
1:2012)**

Ergonomie de l'interaction homme-système - Partie 410:
Critères de conception des dispositifs d'entrée physiques
(ISO 9241-410:2008/AMD 1:2012)

Ergonomie der Mensch-System-Interaktion - Teil 410:
Gestaltungskriterien für physikalische Eingabegeräte (ISO
9241-410:2008/AMD 1:2012)

This amendment A1 modifies the European Standard EN ISO 9241-410:2008; it was approved by CEN on 23 June 2012.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN ISO 9241-410:2008/A1:2012) has been prepared by Technical Committee ISO/TC 159 "Ergonomics" in collaboration with Technical Committee CEN/TC 122 "Ergonomics" the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2013, and conflicting national standards shall be withdrawn at the latest by January 2013.

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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, the United Kingdom and Turkey.

iTeh STANDARD PREVIEW

Endorsement notice

The text of ISO 9241-410:2008/AMD 1:2012 has been approved by CEN as a EN ISO 9241-410:2008/A1:2012 without any modification.

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INTERNATIONAL
STANDARD

ISO
9241-410

First edition
2008-02-15

AMENDMENT 1
2012-06-15

**Ergonomics of human-system
interaction —**

Part 410:

Design criteria for physical input devices

AMENDMENT 1

iTeh STANDARD PREVIEW
Ergonomie de l'interaction homme-système —

(Partie 410: Critères de conception des dispositifs d'entrée physiques
(standards.iteh.ai)

AMENDEMENT 1

SIST EN ISO 9241-410:2008/A1:2012

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member 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 shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to ISO 9241-410:2008 was prepared by Technical Committee ISO/TC 159, *Ergonomics*, Subcommittee SC 4, *Ergonomics of human-system interaction*. The Amendment has been made necessary by the later development of ISO/TS 9241-411, to which reference is needed in ISO 9241-410.

ISO 9241 consists of the following parts, under the general title *Ergonomic requirements for office work with visual display terminals (VDTs)*:

- Part 1: General introduction
- Part 2: Guidance on task requirements
- Part 5: Workstation layout and postural requirements
- Part 6: Guidance on the work environment
- Part 11: Guidance on usability
- Part 12: Presentation of information
- Part 13: User guidance
- Part 14: Menu dialogues
- Part 15: Command dialogues
- Part 16: Direct manipulation dialogues

ISO 9241 also consists of the following parts, under the general title *Ergonomics of human-system interaction*:

- Part 20: Accessibility guidelines for information/communication technology (ICT) equipment and services
- Part 100: Introduction to standards related to software ergonomics [Technical Report]
- Part 110: Dialogue principles
- Part 129: Guidance on software individualization
- Part 143: Forms
- Part 151: Guidance on World Wide Web user interfaces
- Part 154: Interactive voice response (IVR) applications
- Part 171: Guidance on software accessibility
- Part 210: Human-centred design for interactive systems