
Ergonomija medsebojnega vpliva človek-sistem - 391. del: Zahteve, analize in preskusne metode za ugotavljanje skladnosti za zmanjšanje epileptičnih napadov, sproženih s fotosenzitivnimi dražljaji (ISO 9241-391:2016)

Ergonomics of human-system interaction - Part 391: Requirements, analysis and compliance test methods for the reduction of photosensitive seizures (ISO 9241-391:2016)

Ergonomie der Mensch-System-Interaktion - Teil 391: Anforderungen, Analysen und Prüfverfahren zur Konformität zur Verringerung epileptischer Anfälle ausgelöst durch photosensitive Reize (ISO 9241-391:2016)

Ergonomie de l'interaction homme-système - Partie 391: Exigences, analyses et méthodes d'essai de conformité pour la réduction des saisies photosensibles (ISO 9241-391:2016)

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Anforderungen, Analysen und Prüfverfahren zur
Konformität zur Verringerung epileptischer Anfälle
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European foreword

This document (EN ISO 9241-391:2016) 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of an identical text or by endorsement, at the latest by September 2016, and conflicting national standards shall be withdrawn at the latest by September 2016.

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Part 391:

**Requirements, analysis and
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Ergonomie de l'interaction homme-système —

*Partie 391: Exigences, analyses et méthodes d'essai de conformité
pour la réduction des saisies photosensibles*

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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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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The committee responsible for this document is ISO/TC 159, *Ergonomics*, Subcommittee SC 4, *Ergonomics of human-system interaction*.

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 112: Principles for the presentation of information¹⁾
- 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 161: Guidance on visual user-interface elements
- Part 171: Guidance on software accessibility
- Part 210: Human-centred design for interactive systems
- Part 220: Processes for enabling, executing and assessing human-centred design within organizations¹⁾
- Part 300: Introduction to electronic visual display requirements
- Part 302: Terminology for electronic visual displays
- Part 303: Requirements for electronic visual displays
- Part 304: User performance test methods for electronic visual displays
- Part 305: Optical laboratory test methods for electronic visual displays
- Part 306: Field assessment methods for electronic visual displays
- Part 307: Analysis and compliance test methods for electronic visual displays
- Part 308: Surface-conduction electron-emitter displays (SED) [Technical Report]
- Part 309: Organic light-emitting diode (OLED) displays [Technical Report]
- Part 310: Visibility, aesthetics and ergonomics of pixel defects [Technical Report]
- Part 331: Optical characteristics of autostereoscopic displays [Technical Report]
- Part 391: Requirements, analysis and compliance test methods for the reduction of photosensitive seizures
- Part 392: Ergonomic recommendations for the reduction of visual fatigue from stereoscopic images
- Part 400: Principles and requirements for physical input devices
- Part 410: Design criteria for physical input devices
- Part 411: Evaluation methods for the design of physical input devices [Technical Specification]
- Part 420: Selection of physical input devices
- Part 910: Framework for tactile and haptic interaction
- Part 920: Guidance on tactile and haptic interactions
- Part 940: Evaluation of tactile and haptic interactions¹⁾
- Part 960: Framework and guidance for gesture interactions¹⁾

The following parts are under preparation:

- Part 125: Guidance on visual presentation of information

1) To be published.

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— *Part 333: Stereoscopic displays using glasses*

For the other parts under preparation, see [Annex A](#).

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