
Varnost strojev - Zaporne naprave, povezane z varovali - Načela za načrtovanje in izbiro (ISO 14119:2025)

Safety of machinery - Interlocking devices associated with guards - Principles for design and selection (ISO 14119:2025)

Sicherheit von Maschinen - Verriegelungseinrichtungen in Verbindung mit trennenden Schutzeinrichtungen - Leitsätze für Gestaltung und Auswahl (ISO 14119:2025)

Sécurité des machines - Dispositifs de verrouillage associés à des protecteurs - Principes de conception et de choix (ISO 14119:2025)

Ta slovenski standard je istoveten z: EN ISO 14119:2025

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ICS:

13.110

Varnost strojev

Safety of machinery

SIST EN ISO 14119:2025**en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 14119

March 2025

ICS 13.110

Supersedes EN ISO 14119:2013

English Version

Safety of machinery - Interlocking devices associated with
guards - Principles for design and selection (ISO
14119:2024)

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Verriegelungseinrichtungen in Verbindung mit
trennenden Schutzeinrichtungen - Leitsätze für
Gestaltung und Auswahl (ISO 14119:2024)

This European Standard was approved by CEN on 21 July 2024.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a 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 European Standard 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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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EN ISO 14119:2025 (E)

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European foreword

This document (EN ISO 14119:2025) has been prepared by Technical Committee ISO/TC 199 "Safety of machinery" in collaboration with Technical Committee CEN/TC 114 "Safety of machinery" 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 2025, and conflicting national standards shall be withdrawn at the latest by September 2025.

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

This document supersedes EN ISO 14119:2013.

This document has been prepared under a standardization request addressed to CEN by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZA, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national standards body/national committee. A complete listing of these bodies can be found on the CEN website.

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, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Endorsement notice

The text of ISO 14119:2024 has been approved by CEN as EN ISO 14119:2025 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the essential requirements of 2006/42/EC aimed to be covered

This European Standard has been prepared under a Commission's standardization request "M/396 Mandate to CEN and CENELEC for Standardisation in the field of machinery" to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast).

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

**Table ZA.1 — Correspondence between this European Standard and Annex I of
Directive 2006/42/EC**

The relevant Essential Requirements of Directive 2006/42/EC	Clause(s)/subclause(s) of this EN	Remarks/Notes
1.1.2	6, 7, 8, Annex K	
1.2.1	6, 9	
1.2.2	6, 7, Annex K	
1.2.3	9	
1.2.4	9	
1.4.2.2	5, 6, 7, 8	
1.5.4.	6	
1.5.14	6, 7, Annex K	
1.6.1	6, 8, 10	
1.7.3	10	
1.7.4.2	10	

Table ZA.2 — Applicable Standards to confer presumption of conformity as described in this Annex ZA

Reference in Clause 2	International Standard Edition	Title	Corresponding European Standard Edition
ISO 12100:2010	ISO 12100:2010	Safety of machinery — General principles for design — Risk assessment and risk reduction	EN ISO 12100:2010
ISO 13849-1:2023	ISO 13849-1:2023	Safety of machinery — Safety-related parts of control systems — Part 1: General principles for design	EN ISO 13849-1:2023
ISO 13849-2:2012	ISO 13849-2:2012	Safety of machinery — Safety-related parts of control systems — Part 2: Validation	EN ISO 13849-2: 2012
ISO 13855:20—	ISO 13855:2023	Safety of machinery — Positioning of safeguards with respect to the approach speeds of parts of the human body	EN ISO 13855: 20—
ISO 14118:2017	ISO 14118:2017	Safety of machinery — Prevention of unexpected start-up	EN ISO 14118:2017
IEC 60204-1:2016 +AM D1:2021	IEC 60204-1:2016 + AMD1:2021	Safety of machinery — Electrical equipment of machines — Part 1: General requirements	EN 60204-1:2018
IEC 60947-1:2020	IEC 60947-1:2020	Low-voltage switchgear and controlgear — Part 1: General rules	EN IEC 60947-1: 2021
IEC 60947-3	IEC 60947-3	Low-voltage switchgear and controlgear — Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN IEC 60947-3: 2021
IEC 60947-5-1:2016 +COR:2016	IEC 60947-5-1:2016 +COR:2016	Low voltage switchgear and controlgear — Part 5-1: Control circuit devices and switching elements — Electromechanical control circuit devices	EN 60947-5-1:2017