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**Varnost strojev - Električna oprema strojev - 32. del: Posebne zahteve za dvigalne stroje (IEC 60204-32:2023)**

Safety of machinery - Electrical equipment of machines - Part 32: Requirements for hoisting machines (IEC 60204-32:2023)

Sicherheit von Maschinen - Elektrische Ausrüstung von Maschinen - Teil 32: Anforderungen für Hebezeuge (IEC 60204-32:2023)

Sécurité des machines - Équipement électrique des machines - Partie 32: Exigences pour les appareils de levage (IEC 60204-32:2023)

**Ta slovenski standard je istoveten z: EN IEC 60204-32:2025**

[SIST EN IEC 60204-32:2025](#)

**ICS:**

13.110	Varnost strojev	Safety of machinery
53.020.01	Dvigalne naprave na splošno	Lifting appliances in general

**SIST EN IEC 60204-32:2025****en,fr,de**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 60204-32**

May 2025

ICS 29.020; 53.020.01

Supersedes EN 60204-32:2008

English Version

**Safety of machinery - Electrical equipment of machines -  
Part 32: Requirements for hoisting machines  
(IEC 60204-32:2023)**

Sécurité des machines - Équipement électrique des  
machines - Partie 32: Exigences pour les appareils de  
levage  
(IEC 60204-32:2023)

Sicherheit von Maschinen - Elektrische Ausrüstung von  
Maschinen - Teil 32: Anforderungen für Hebezeuge  
(IEC 60204-32:2023)

This European Standard was approved by CENELEC on 2024-10-16. CENELEC 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 CENELEC 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 CENELEC 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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<https://standards.iteh.ai/catalog/standards/sist/afa5ea7e-284f-47ef-973c-ced137c25726/sist-en-iec-60204-32-2025>



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 60204-32:2025 (E)****European foreword**

The text of document 44/1000/FDIS, future edition 3 of IEC 60204-32, prepared by TC 44 "Safety of machinery - Electrotechnical aspects" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60204-32:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-05-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-05-31 document have to be withdrawn

This document supersedes EN 60204-32:2008 and all of its amendments and corrigenda (if any).

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

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

**Endorsement notice**

The text of the International Standard IEC 60204-32:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60034 (series)	NOTE	Approved as EN IEC 60034 (series)
IEC 60038	NOTE	Approved as EN 60038
IEC 60085	NOTE	Approved as EN 60085
IEC 60204-11	NOTE	Approved as EN IEC 60204-11
IEC 60216 (series)	NOTE	Approved as EN 60216 (series)
IEC 60228	NOTE	Approved as EN IEC 60228
IEC 60269-1	NOTE	Approved as EN 60269-1
IEC 60320-1	NOTE	Approved as EN IEC 60320-1
IEC 60332 (series)	NOTE	Approved as EN IEC 60332 (series)
IEC 60364-4-44	NOTE	Approved as HD 60364-4-442
IEC 60364-7-729	NOTE	Approved as HD 60364-7-729
IEC 60447	NOTE	Approved as EN 60447
IEC 60757	NOTE	Approved as EN IEC 60757
IEC 60898 (series)	NOTE	Approved as EN IEC 60898 (series)

IEC 60909 (series)	NOTE	Approved as EN 60909 (series)
IEC 60947-5-8	NOTE	Approved as EN IEC 60947-5-8
IEC 61000-6-1	NOTE	Approved as EN IEC 61000-6-1
IEC 61000-6-2	NOTE	Approved as EN IEC 61000-6-2
IEC 61000-6-3	NOTE	Approved as EN IEC 61000-6-3
IEC 61000-6-4	NOTE	Approved as EN IEC 61000-6-4
IEC 61000-6-8	NOTE	Approved as EN IEC 61000-6-8
IEC 61084 (series)	NOTE	Approved as EN IEC 61084 (series)
IEC 61180	NOTE	Approved as EN 61180
IEC 61557-8	NOTE	Approved as EN 61557-8
IEC 61557-9	NOTE	Approved as EN 61557-9
IEC 61557-14	NOTE	Approved as EN IEC 61557-14
IEC 61643-12	NOTE	Approved as CLC/TS 61643-12
IEC 61666	NOTE	Approved as EN 61666
IEC 61800 (series)	NOTE	Approved as EN 61800 (series)
IEC 62020-1	NOTE	Approved as EN IEC 62020-1
IEC 62305 (series)	NOTE	Approved as EN IEC 62305 (series)
IEC 62491	NOTE	Approved as EN 62491
ISO 13732-1	NOTE	Approved as EN ISO 13732-1
ISO 13851	NOTE	Approved as EN ISO 13851
ISO 14118	NOTE	Approved as EN ISO 14118

## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60034-1	2017	Rotating electrical machines - Part 1: Rating and performance	-	-
IEC 60034-5	-	Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification	EN IEC 60034-5	-
IEC 60034-11	-	Rotating electrical machines - Part 11: Thermal protection	EN IEC 60034-11	-
IEC 60068-2-27	2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	2009
IEC 60068-2-31	2008	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens	EN 60068-2-31	2008
IEC 60072-1	-	Rotating electrical machines - Dimensions and output series - Part 1: Frame numbers 56 to 400 and flange numbers 55 to 1080	EN IEC 60072-1	-
IEC 60072-2	-	Dimensions and output series for rotating electrical machines - Part 2: Frame numbers 355 to 1000 and flange numbers 1180 to 2360	-	-
IEC 60072-3	-	Dimensions and output series for rotating electrical machines - Part 3: Small built-in motors - Flange numbers BF10 to BF50	-	-
IEC 60073	2002	Basic and safety principles for man-machine interface, marking and identification - Coding principles for indicators and actuators	EN 60073	2002
IEC 60309-1	-	Plugs, fixed or portable socket-outlets and appliance inlets for industrial purposes - Part 1: General requirements	EN IEC 60309-1	-
IEC 60364-1 (mod)	2005	Low-voltage electrical installations - Part 1: Fundamental principles, assessment of general characteristics, definitions	HD 60364-1	2008
-	-		+ A11	2017

**EN IEC 60204-32:2025 (E)**

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60364-4-41 (mod)	2005	Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock	HD 60364-4-41	2017
+ A1	2017		-	-
-	-		+ A11	2017
-	-		+ A12	2019
IEC 60364-4-43 (mod)	2008	Low-voltage electrical installations - Part 4-43: Protection for safety - Protection against overcurrent	HD 60364-4-43	2010
IEC 60364-5-52 (mod)	2009	Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems	HD 60364-5-52	2011
-	-		+ A11	2017
-	-		+ A12	2022
IEC 60364-5-53	2019	Low-voltage electrical installations -- Part 5-53: Selection and erection of electrical equipment - Protection, isolation, switching, control and monitoring	-	-
IEC 60364-5-54	2011	Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors	HD 60364-5-54	2011
-	-		+ A11	2017
IEC 60364-6	2016	Low voltage electrical installations - Part 6: Verification	HD 60364-6	2016
-	-		+ A11	2017
-	-		+ A12	2017
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-
IEC 60445	2021	Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors	EN IEC 60445	2021
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	-	-
IEC 60664-1	-	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	-
IEC 60947-1	-	Low-voltage switchgear and controlgear - Part 1: General rules	EN IEC 60947-1	-
IEC 60947-2	2016	Low-voltage switchgear and controlgear - Part 2: Circuit-breakers	EN 60947-2	2017
IEC 60947-3	-	Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units	EN IEC 60947-3	-