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STN	**Práca pod napätím Elektroizolačné prilby na používanie pri prácach na inštaláciách nízkeho a stredného napätia**	**STN EN 50365 35 9726**

Live Working - Electrically insulating helmets for use on low and medium voltage installations

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/24

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EUROPEAN STANDARD
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EN 50365

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ICS 13.260; 13.340.20

Supersedes EN 50365:2002

English Version

Live Working - Electrically insulating helmets for use on low and medium voltage installations

Travaux sous tension - Casques électriquement isolants pour utilisation sur installations à basse et à moyenne tension

Elektrisch isolierende Helme für Arbeiten an Nieder- und Mittelspannungsanlagen

This European Standard was approved by CENELEC on 2023-12-04. 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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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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EN 50365:2023 (E)

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European foreword

This document (EN 50365:2023) has been prepared by CLC/TC 78 “Equipment and tools for live working”.

The following dates are fixed:

• Latest date which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2024-12-04
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2026-12-04

This document supersedes EN 50365:2002 and all its amendments and corrigenda (if any).

EN 50365:2023 includes the following significant technical changes with respect to EN 50365:2002

— Change of scope to test helmets up to Class 2

— Update on normative references

— Definitions for *Brim*, *Crown* and *Shell*

— Helmet design types Type A and B

— Additional marking required for voltage and design type

— DC testing

— Alternative testing after production

— Removal of air hole design test

— Only electrical aspect are covered

— Addition of Annex ZZ

Terms defined in Clause 3 are given in *italic* print throughout this standard.

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.

This document has been prepared under a standardization request addressed to CENELEC 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 ZZ, which is an integral part of this document.

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.

1 Scope

This document specifies the electrical requirements and testing for *electrically insulating helmet*s that provide electrical insulating protection of head of the worker against electric shock used for when working live or near to live parts on installations not exceeding 17 000 V AC or 1 500 V DC.

The products designed and manufactured according to this document contribute to the safety of the users provided they are used by skilled persons, in accordance with EN 50110-1:2023 and/or National Regulations.

This document does not cover arc flash or additional helmet accessories such as face shields, ear defenders, lamps and voltage detectors and doesn't cover mechanical requirements and tests.

2 Normative references

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.

EN 397:2012+A1:2012, *Industrial safety helmets*

EN 443:2008, *Helmets for fire fighting in buildings and other structures*

EN 14052:2012+A1:2012, *High performance industrial helmets*

EN 50110-1:2023, *Operation of electrical installations - Part 1: General requirements*

EN 60060-1:2010, *High-voltage test techniques - Part 1: General definitions and test requirements (IEC 60060-1:2010)*

EN 60212:2011, *Standard conditions for use prior to and during the testing of solid electrical insulating materials (IEC 60212:2010)*

EN IEC 61318:2021, *Live working - Methods for assessment of defects and verification of performance applicable to tools, devices and equipment (IEC 61318:2021)*