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მეტროლოგიის ეროვნული სააგენტო
თბილისი

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**Low-voltage switchgear and controlgear -
Part 7-2: Ancillary equipment -
Protective conductor terminal blocks for copper conductors
(IEC 60947-7-2:2009)**

Appareillage à basse tension -
Partie 7-2: Matériels accessoires -
Blocs de jonction
de conducteur de protection
pour conducteurs en cuivre
(CEI 60947-7-2:2009)

Niederspannungsschaltgeräte -
Teil 7-2: Hilfseinrichtungen -
Schutzleiter-Reihenklammern
für Kupferleiter
(IEC 60947-7-2:2009)

This European Standard was approved by CENELEC on 2009-06-01. 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 Central Secretariat or to any CENELEC member.

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CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 17B/1655/FDIS, future edition 3 of IEC 60947-7-2, prepared by SC 17B, Low-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60947-7-2 on 2009-06-01.

This European Standard supersedes EN 60947-7-2:2002.

The main technical modifications of EN 60947-7-2:2009 since EN 60947-7-2:2002 are listed below:

- requirements for tightening torques for the tests improved and referenced to Table 4 of EN 60947-1, Annex B deleted;
- the wording of the short-time withstand current test improved in 8.4.6.

This standard shall be read in conjunction with EN 60947-1 and EN 60947-7-1. The provisions of the general rules dealt with in EN 60947-1 and the requirements for terminal blocks of EN 60947-7-1 are applicable to this standard, where specifically called for. Clauses and subclauses, tables, figures and annexes thus applicable are identified by reference to EN 60947-1 or EN 60947-7-1, e.g. 1.2 of EN 60947-1, Table 4 of EN 60947-7-1 or Annex A of EN 60947-1.

The following dates were fixed:

- | | |
|--|------------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) 2010-03-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) 2012-06-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60947-7-2:2009 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60439-1 A1	1999 2004	Low-voltage switchgear and controlgear assemblies - Part 1: Type-tested and partially type-tested assemblies	EN 60439-1 A1	1999 2004
IEC 60715 + A1	1981 1995	Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of electrical devices in switchgear and controlgear installations	EN 60715	2001
IEC 60947-1	2007	Low-voltage switchgear and controlgear - Part 1: General rules	EN 60947-1	2007
IEC 60947-7-1	- ¹⁾	Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors	EN 60947-7-1	2009 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Low-voltage switchgear and controlgear –
Part 7-2: Ancillary equipment – Protective conductor terminal blocks for copper
conductors**

**Appareillage à basse tension –
Partie 7-2: Matériels accessoires – Blocs de jonction de conducteur de
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR –

Part 7-2: Ancillary equipment – Protective conductor terminal blocks for copper conductors

FOREWORD

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International Standard IEC 60947-7-2 has been prepared by subcommittee 17B: Low-voltage switchgear and controlgear, of IEC technical committee 17: Switchgear and controlgear.

This third edition of IEC 60947-7-2 cancels and replaces the second edition, published in 2002, and constitutes a technical revision.

The main technical modifications of this standard since this previous publication are listed below:

- requirements for tightening torques for the tests improved and referenced to Table 4 of IEC 60947-1, Annex B deleted;
- the wording of the short-time withstand current test improved in 8.4.6.

This standard shall be read in conjunction with IEC 60947-1 and IEC 60947-7-1. The provisions of the general rules dealt with in IEC 60947-1 and the requirements for terminal blocks of IEC 60947-7-1 are applicable to this standard, where specifically called for. Clauses and subclauses, tables, figures and annexes thus applicable are identified by reference to IEC 60947-1 or IEC 60947-7-1, e.g. 1.2 of IEC 60947-1, Table 4 of IEC 60947-7-1 or Annex A of IEC 60947-1.

The text of this standard is based on the following documents:

FDIS	Report on voting
17B/1655/FDIS	17B/1669/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 60947 series, under the general title *Low-voltage switchgear and controlgear*, can be found on the IEC website.

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