

BS EN 60947-7-3:2009



BSI Standards Publication

Low-voltage switchgear and controlgear —

Part 7-3: Ancillary equipment — Safety
requirements for fuse terminal blocks

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National foreword

This British Standard is the UK implementation of EN 60947-7-3:2009. It is identical to IEC 60947-7-3:2009. It supersedes BS EN 60947-7-3:2002 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee PEL/17, Switchgear, controlgear, and HV-LV co-ordination, to Subcommittee PEL/17/2, Low voltage switchgear and controlgear.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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EN 60947-7-3

November 2009

ICS 29.120.99; 29.130.20

Supersedes EN 60947-7-3:2002

English version

**Low-voltage switchgear and controlgear -
Part 7-3: Ancillary equipment -
Safety requirements for fuse terminal blocks
(IEC 60947-7-3:2009)**

Appareillage à basse tension -
Partie 7-3: Matériels accessoires -
Exigences de sécurité pour les blocs
de jonction à fusible
(CEI 60947-7-3:2009)

Niederspannungsschaltgeräte -
Teil 7-3: Hilfseinrichtungen -
Sicherheitsanforderungen
für Sicherungs-Reihenklammern
(IEC 60947-7-3:2009)

This European Standard was approved by CENELEC on 2009-09-01. 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.

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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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/1657/FDIS, future edition 2 of IEC 60947-7-3, 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 60947-7-3 on 2009-09-10.

This European Standard supersedes EN 60947-7-3:2002.

The main technical modifications of EN 60947-7-3:2009 since EN 60947-7-3:2002 are listed below:

- requirements regarding clearances and creepage distances replaced by reference to Annex H of EN 60947-1;
- requirements for the test of the mechanical strength of the clamping units improved in 8.3.3.1;
- requirements for tightening torques for the tests improved and referenced to Table 4 of EN 60947-1;
- requirements for the resistance and the dimensions of dummy fuse-links specified in 8.5.2.5.

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) | 2010-06-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2012-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60947-7-3:2009 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 standards indicated:

IEC 60127-6 + A1 + A2	NOTE Harmonized as EN 60127-6:1994 + A1:1996 + A2:2003 (not modified).
IEC 60715 + A1	NOTE Harmonized as EN 60715:2001 (not modified).
IEC 61180-1	NOTE Harmonized as EN 61180-1:1994 (not modified).
IEC 61180-2	NOTE Harmonized as EN 61180-2:1994 (not modified).

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 60127-1	2006	Miniature fuses - Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links	EN 60127-1	2006
IEC 60127-2	2003	Miniature fuses -	EN 60127-2	2003
A1	2003	Part 2: Cartridge fuse-links	A1	2003
IEC 60216-1	2001	Electrical insulating materials - Properties of thermal endurance - Part 1: Ageing procedures and evaluation of test results	EN 60216-1	2001
IEC 60695-11-5	2004	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	2005
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
ISO 3	1973	Preferred numbers - Series of preferred numbers	-	-
ISO 4046-4	2002	Paper, board, pulps and related terms - Vocabulary - Part 4: Paper and board grades and converted products	-	-

¹⁾ Undated reference.

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