



National Standards Authority of Ireland

IRISH STANDARD

I.S. HD 348 S7:1999

ICS 29.130.10

HIGH-VOLTAGE ALTERNATING-CURRENT CIRCUIT-BREAKERS

(IEC 60056:1987 + A3:1996, MODIFIED)

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Údarás um Chaighdeáin Náisiúnta na hÉireann

HARMONIZATION DOCUMENT

HD 348 S7

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

April 1998

ICS 29.120.60

Supersedes HD 348 S6:1995

Descriptors: Switchgear and controlgear, high voltage, circuit-breaker, characteristic, design, test

English version

High-voltage alternating-current circuit-breakers
(IEC 60056:1987 + A3:1996, modified)

Disjoncteurs à courant alternatif à
haute tension
(CEI 60056:1987 + A3:1996,
modifiée)

Hochspannungs-Wechselstrom-
Leistungsschalter
(IEC 60056:1987 + A3:1996,
modifiziert)

This Harmonization Document was approved by CENELEC on 1998-04-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this Harmonization Document on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This Harmonization Document exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Foreword

The text of the International Standard IEC 60056:1987 and its amendment 3:1996, prepared by SC 17A, High-voltage switchgear and controlgear, of IEC TC 17, Switchgear and controlgear, together with common modifications prepared by the Technical Committee CENELEC TC 17A, High-voltage switchgear and controlgear, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as HD 348 S7 on 1998-04-01.

This European Standard supersedes HD 348 S6:1995.

The following dates were fixed:

- latest date by which the existence of the HD
has to be announced at national level (doa) 1998-07-01
- latest date by which the HD has to be implemented
at national level by publication of a harmonized
national standard or by endorsement (dop) 1999-01-01
- latest date by which the national standards conflicting
with the HD have to be withdrawn (dow) 1999-01-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes AA, BB, CC, DD, EE, FF, GG, HH, ZA and ZB are normative and annexes JJ and KK are informative.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60056:1987 and its amendment 3:1996 was approved by CENELEC as a Harmonization Document with agreed common modifications as given below.

COMMON MODIFICATIONS**Table Xc Co-ordination table of rated values for circuit-breakers**

1) In the heading of column 2 change (kV) into (kA).

2) Add the following values:

Rated voltage U (kV)	Rated short-circuit breaking current I_{sc} (kA)	Rated normal current I_n (A)					
100	16 20 31,5		1250		2000	3150	

3) In the first line of the note delete the words ", omitting 100 kV".

6.109.5 Test duties

Replace the text of this subclause of amendment 3 by:

"Add the following sentence at the end of subclause 6.109.5:

By agreement between manufacturer and user, any equivalent procedure which complies with the requirements of IEC 60427 may also be used."

Annex ZA (normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions. If it affects harmonization, it forms part of the European Standard or Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

Belgium

Rated voltages

To take account of a special national condition where there are appreciable discrepancies between actual network voltages and the next high test IEC rated voltages, two additional rated voltages are permitted, those being 41,5 kV and 82,5 kV.

The rated lightning impulse withstand voltage and the rated one minute power-frequency withstand voltage related to these values are given in EN 60694:1996/corrigendum April 1998.

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