



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60427:2000

ICS 29.130.10

National Standards
Authority of Ireland
Dublin 9
Ireland

Tel: (01) 807 3800

Tel: (01) 807 3838

**SYNTHETIC TESTING OF HIGH-VOLTAGE
ALTERNATING CURRENT
CIRCUIT-BREAKERS (IEC 60427:2000)**

*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on
July 14, 2000*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2000

Price Code X

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60427

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2000

ICS 29.130.10

Supersedes EN 60427.1992 + A1:1993 + A2:1995

English version

Synthetic testing of high-voltage alternating current circuit-breakers (IEC 60427:2000)

Essais synthétiques des disjoncteurs
à courant alternatif à haute tension
(CEI 60427:2000)

Synthetische Prüfung von
Hochspannungs-Wechselstrom-
Leistungsschaltern
(IEC 60427:2000)

This European Standard was approved by CENELEC on 2000-02-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 17A/559/FDIS, future amendment to IEC 60427:1989, prepared by SC 17A, High-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 amendment A3 to EN 60427:1992 on 2000-02-01.

The text of this document, together with that of IEC 60427:1989 and its amendments 1:1992 and 2:1995, was published by IEC as the third edition of IEC 60427 in April 2000. According to a decision of principle taken by the Technical Board of CENELEC, the approval of EN 60427:1992/A3 has been converted into the approval of a new EN 60427.

This European Standard supersedes EN 60427:1992 and its amendments A1:1993 and A2:1995.

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) 2001-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2003-02-01

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

Annexes designated "informative" are given for information only.

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

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60427:2000 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)**Normative references to international publications
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60050-441	1984	International Electrotechnical Vocabulary (IEV) Chapter 441: Switchgear, controlgear and fuses	-	-
IEC 60056 (mod)	1987	High-voltage alternating-current circuit-breakers	HD 348 S7 ¹⁾	1998
IEC 61633	1995	High-voltage alternating current circuit-breakers - Guide for short-circuit and switching test procedures for metal-enclosed and dead tank circuit-breakers	-	-

1) HD 348 S7 includes A3:1996 to IEC 60056.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-