



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60077-2:2002

ICS 45.060

**RAILWAY APPLICATIONS -
ELECTRIC EQUIPMENT FOR ROLLING
STOCK
PART 2: ELECTROTECNICAL COMPONENTS
-
GENERAL RULES
(IEC 60077-2:1999, MODIFIED)**

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Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 60077-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2002

ICS 45.060

English version

**Railway applications -
Electric equipment for rolling stock
Part 2: Electrotechnical components -
General rules
(IEC 60077-2:1999, modified)**

Applications ferroviaires -
Equipements électriques du matériel
roulant
Partie 2: Composants électrotechniques -
Règles générales
(CEI 60077-2:1999, modifiée)

Bahnanwendungen -
Elektrische Betriebsmittel
auf Bahnfahrzeugen
Teil 2: Elektrotechnische Bauteile -
Allgemeine Regeln
(IEC 60077-2:1999, modifiziert)

This European Standard was approved by CENELEC on 2002-03-01. 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, Malta, 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

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Foreword

The text of the International Standard IEC 60077-2:1999, prepared by IEC TC 9, Electric railway equipment, together with the common modifications prepared by SC 9XB, Electromechanical material on board of rolling stock, of Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60077-2 on 2002-03-01.

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) 2003-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2005-03-01

This Part 2 shall be read in conjunction with EN 60077-1.

In this European Standard the common modifications to the International Standard are indicated by a vertical line in the left margin of the text.

Subclauses, tables and figures which are additional to those in IEC 60077-2 are prefixed "Z".

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

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annex B is informative.

Annex ZA has been added by CENELEC.

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