



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60077-3:2002

ICS

**RAILWAY APPLICATIONS -  
ELECTRIC EQUIPMENT FOR ROLLING  
STOCK  
PART 3: ELECTROTECHNICAL  
COMPONENTS -  
RULES FOR D.C. CIRCUIT-BREAKERS  
(IEC 60077-3:2001)**

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EUROPEAN STANDARD

**EN 60077-3**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2002

ICS 29.280

English version

**Railway applications -  
Electric equipment for rolling stock  
Part 3: Electrotechnical components -  
Rules for d.c. circuit-breakers  
(IEC 60077-3:2001)**

Applications ferroviaires -  
Equipements électriques  
du matériel roulant  
Partie 3: Composants électrotechniques -  
Règles pour disjoncteurs  
à courant continu  
(CEI 60077-3:2001)

Bahnanwendungen -  
Elektrische Betriebsmittel  
auf Bahnfahrzeugen  
Teil 3: Elektrotechnische Bauteile -  
Regeln für DC-Leistungsschalter  
(IEC 60077-3:2001)

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

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



## Foreword

The text of document 9/651/FDIS, future edition 1 of IEC 60077-3, prepared by IEC TC 9, Electric railway equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60077-3 on 2002-03-01.

This European Standard should be read in conjunction with EN 60077-1 and EN 60077-2.

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

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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## Endorsement notice

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