



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60322:2001

ICS 29.280

**RAILWAY APPLICATIONS -
ELECTRIC EQUIPMENT FOR ROLLING
STOCK -
RULES FOR POWER RESISTORS OF OPEN
CONSTRUCTION**

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EUROPEAN STANDARD

EN 60322

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2001

ICS 29 280

Supersedes HD 91 S1 1977

English version

**Railway applications -
Electric equipment for rolling stock -
Rules for power resistors of open construction
(IEC 60322:2001)**

Applications ferroviaires -
Equipements électriques du matériel
roulant -
Règles relatives aux résistances de
puissance de construction ouverte
(CEI 60322:2001)

Bahnanwendungen -
Elektrische Ausrüstung für Bahnfahrzeuge -
Regeln für Leistungswiderstände in offener
Bauweise
(IEC 60322:2001)

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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

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Foreword

The text of document 9/607/FDIS, future edition 2 of IEC 60322, prepared by IEC TC 9, Electric railway equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60322 on 2001-05-01.

This European Standard supersedes HD 91 S1:1977.

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) 2002-02-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2004-05-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annexes A and ZA are normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60322:2001 was approved by CENELEC as a European Standard without any modification.

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