



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50327:2003

ICS 29.200
29.280

**RAILWAY APPLICATIONS -
FIXED INSTALLATIONS -
HARMONISATION OF THE RATED VALUES
FOR CONVERTER GROUPS AND TESTS ON
CONVERTER GROUPS**

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*This Irish Standard was
published under the
authority of the National
Standards Authority of
Ireland
and comes into effect on:
April 25, 2003*

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EUROPEAN STANDARD

EN 50327

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2003

ICS 29.200; 29.280

English version

**Railway applications –
Fixed installations –
Harmonisation of the rated values for converter groups
and tests on converter groups**

Applications ferroviaires –
Installations fixes –
Harmonisation des valeurs assignées et
des essais sur les groupes convertisseurs

Bahnanwendungen –
Ortsfeste Anlagen –
Harmonisierung der Bemessungswerte
von Stromrichtergruppen und Prüfungen
von Stromrichtergruppen

This European Standard was approved by CENELEC on 2002-05-01. 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.

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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

This European Standard was prepared by SC 9XC, Electric supply and earthing systems for public transport equipment and ancillary apparatus (fixed installations) of Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50327 on 2002-05-01.

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) 2003-09-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2005-05-01

Annexes designated “informative” are given for information only. In this standard, annexes A, B and C are informative.

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Introduction

Converters, traction transformers and switchgear are ordered in most cases as individual items and are tested in manufacturer's premises as such.

It is evident that tuning is necessary to choose compatible ratings and that certain performances cannot be verified (through additional or investigation type tests) unless at least the traction transformer and the converter are coupled together.

That is the reason for this document.

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