

Svenska Elektriska Kommissionen, SEK

Fastställt	Utgåva	Sida	Ingår i
2002-12-04	1	1 (1+11)	SEK Område 9

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Järnvägsanläggningar – Mätning av det dynamiska samspelet mellan strömvtagare och kontaktledning – Fordringar och validering

Railway applications –

Current collection systems –

*Requirements for and validation of measurements of the dynamic interaction
between pantograph and overhead contact line*

Som svensk standard gäller europastandarden EN 50317:2002. Den svenska standarden innehåller den officiella engelska språkversionen av EN 50317:2002.

English version

**Railway applications -
Current collection systems -
Requirements for and validation of measurements of
the dynamic interaction between
pantograph and overhead contact line**

Applications ferroviaires -
Systèmes de captage de courant -
Prescriptions et validation des
mesures de l'interaction dynamique
entre le pantographe et la caténaire

Bahnanwendungen -
Stromabnahmesysteme -
Anforderungen und Validierung von
Messungen des dynamischen
Zusammenwirkens zwischen
Stromabnehmer und Oberleitung

This European Standard was approved by CENELEC on 2002-04-01. 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, 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

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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 50317 on 2002-04-01.

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) 2003-04-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2005-04-01

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and supports the Interoperability Directive, 96/48/EC.

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1 Scope

This European Standard specifies the functional requirements for output and accuracy of measurements of the dynamic interaction between pantograph and overhead contact line.

2 Normative references

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).

EN 50206-1	Railway applications - Rolling stock – Pantographs: Characteristics and tests – Part 1: Pantographs for main line vehicles
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