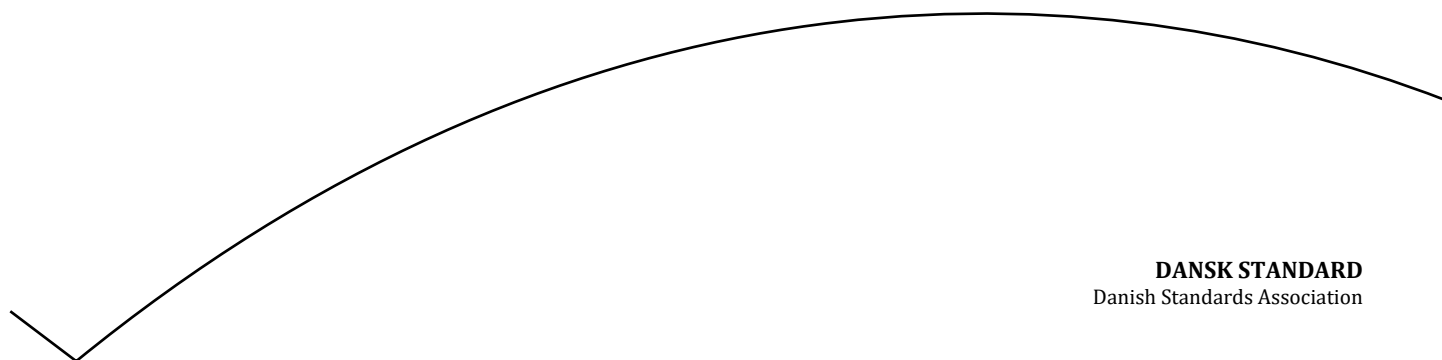


2026-06-22

Jernbaner – Faste installationer og rullende materiel – Kriterier for at opnå teknisk kompatibilitet mellem strømaftagere og overliggende køreledninger

Railways applications – Fixed installations and rolling stock –
Criteria to achieve technical compatibility between
pantographs and overhead contact line



DANSK STANDARD
Danish Standards Association

Göteborg Plads 1
DK-2150 Nordhavn

Tel: +45 39 96 61 01
dansk.standard@ds.dk
www.ds.dk

DS/EN 50367:2020/A2:2025

København

DS projekt: M384967

ICS: 29.280

Første del af denne publikations betegnelse er:

DS/EN, hvilket betyder, at det er en europæisk standard, der har status som dansk standard.

Denne publikations overensstemmelse er:

IDT med: EN 50367:2020/A2:2025

I tilfælde af redaktionelle fejl i DS-publikationen kan der skrives til:

editorial-mistakes@ds.dk

ADVARSEL: DS-publikationer revideres over tid. Derudover kan sådanne publikationer ændres ved rettelsesblade og/eller tillæg. Der kan også udgives rettelsesblade, der udelukkende angår oversættelsen af en publikation. Det er derfor vigtigt at sikre sig, at man benytter en gældende udgave, medmindre fx lovgivning kræver andet. Den enkelte publikations status fremgår af <https://webshop.ds.dk/>. Her kan man desuden tilmelde sig en gratis notifikationservice og følge en udgivet DS-publikations udvikling ved at klikke på "Følg".

En oversigt over forskellige DS-publikationstyper og -betegnelser findes her:

<https://www.ds.dk/publikationstyper>

Indholdet i dette dokument er ophavsretligt beskyttet, herunder tekst, grafik, billeder og lyd. Fonden Dansk Standard forbeholder sig udtrykkeligt alle rettigheder til at udnytte indholdet til tekst- og datamining, jf. ophavsretslovens § 11 b, stk. 2, og artikel 4 i direktiv (EU) 2019/790. Enhver udnyttelse af indholdet i dette dokument til tekst- og dataminingformål kræver forudgående skriftlig, specifik tilladelse fra Fonden Dansk Standard.

In case of editorial errors in the DS publication, please write to:

editorial-mistakes@ds.dk

NOTICE: DS publications are revised over time. In addition, such publications may be altered by corrigenda and/or amendments. Also, corrigenda may be published solely in relation to the translation of a publication. It is therefore important to ensure that the edition used is valid, unless, for example, legislation requires otherwise. The status of each publication can be found at <https://webshop.ds.dk/>. Here you can also sign up for a free notification service and follow the progress of a published DS publication by clicking on "Follow".

An overview of different DS publication types and designations can be found here:

<https://www.ds.dk/publikationstyper>

The content of this document, including text, graphics, images, and audio, is protected by copyright. The Danish Standards Foundation explicitly reserves all rights regarding the use of its content for text and data mining purposes in accordance with Section 11b(2) of the Danish Copyright Act and Article 4 of Directive (EU) 2019/790. Any use of the content of this document for text and data mining purposes requires prior, written, specific permission from the Danish Standards Foundation.

EUROPÄISCHE NORM

March 2025

ICS 29.280

English Version

Railways applications - Fixed installations and rolling stock - Criteria to achieve technical compatibility between pantographs and overhead contact line

Applications ferroviaires - Systèmes de captage de courant
- Critères techniques d'interaction entre le pantographe et la
ligne aérienne de contact (réalisation du libre accès)

Bahnanwendungen - Zusammenwirken der Systeme -
Technische Kriterien für das Zusammenwirken zwischen
Stromabnehmer und Oberleitung für einen freien Zugang

This amendment A2 modifies the European Standard EN 50367:2020; it was approved by CENELEC on 2025-01-24. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

This is a preview of DS/EN 50367:2020/A2:2025. [Click here to purchase the full version from the ANSI store.](#)

Contents	Page
European foreword.....	3
1 Modification to B.2 — “National characteristics”	4
2 Modification to B.3 — “General characteristics of pantograph head”	4
3 Modification to D.2.1 — “Calculation of reference height”	4
4 Modification to D.2.3 — “Calculation of tolerances of track at the upper verification point”	4
5 Modification to D.3.10 — “Permissible lateral deviation of the contact wire from the track centre line to meet the serviceability limit state case according to 5.2.5.3”	4
6 Modification to D.3.11 — “Permissible lateral deviation of the contact wire from the track centre line according to 5.2.5.3”	4

This is a preview of DS/EN 50367:2020/A2:2025. [Click here to purchase the full version from the ANSI store.](#)

European foreword

This document (EN 50367:2020/A2:2025) was prepared by SC 9XC, “Electric supply and earthing systems for public transport equipment and ancillary apparatus (fixed installations)”, of CLC/TC 9X, “Electrical and electronic applications for railways”.

The following dates are fixed:

- latest date by which this document has to be (dop) 2026-03-31
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2028-03-31
conflicting with this document have to be
withdrawn

This document has been prepared under a Standardization Request addressed to CENELEC by the European Commission.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.