

STN	Dráhové aplikácie Pevné inštalácie Elektrická bezpečnosť, uzemňovanie a spätné vedenie Časť 3: Vzájomné pôsobenie trakčných systémov AC a DC Zmena A1	STN EN 50122-3/A1 34 1505
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Railway applications. Fixed installations. Electrical safety, earthing and the return circuit. Part 3: Mutual Interaction of AC and DC traction systems

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

Rozpracovaná prekladom.
STN EN 50122-3 z októbra 2023 sa bez tejto zmeny A1 môže používať do 31. 8. 2028.

Obsahuje: EN 50122-3:2022/A1:2025

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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EN 50122-3:2022/A1:2025 (E)
EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50122-3:2022/A1

August 2025

ICS 29.120.50; 29.280

English Version

**Fixed installations for railway applications - Electrical safety,
earthing and the return circuit - Part 3: Mutual Interaction of AC
and DC traction systems**

Installations fixes pour applications ferroviaires - Sécurité
électrique, mise à la terre et circuit de retour - Partie 3:
Interactions mutuelles entre systèmes de traction en
courant alternatif et en courant continu

Ortsfeste Anlagen für Bahnanwendungen - Elektrische
Sicherheit, Erdung und Rückleitung - Teil 3: Gegenseitige
Beeinflussung von Wechselstrom- und Gleichstrombahnen

This amendment A1 modifies the European Standard EN 50122-3:2022; it was approved by CENELEC on 2025-06-23. 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.

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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.

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

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EN 50122-3:2022/A1:2025 (E)**Contents**

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European foreword

This document (EN 50122-3:2022/A1:2025) 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) 2026-08-31
implemented at national level by publication of
an identical national standard or by
endorsement
- latest date by which the national standards (dow) 2028-08-31
conflicting with this document have to be
withdrawn

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This document has been prepared under a Standardization Request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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.

EN 50122-3:2022/A1:2025 (E)**1 Modification to the Title**

Modify the first part of the title to read:

“Fixed installations for railway application - Electrical safety, earthing and the return circuit - Part 3: Mutual Interaction of AC and DC traction systems”

koniec náhľadu – text ďalej pokračuje v platenej verzii STN