

STN	Dráhové aplikácie Pevné inštalácie Osobitné požiadavky na spínacie zariadenia striedavého prúdu Časť 3-1: Meracie, riadiace a ochranné prístroje na osobitné použitie v trakčných sieťach striedavého prúdu Prístroje Zmena A1	STN EN 50152-3-1/A1 34 1570
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Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-1: Measurement, control and protection devices for specific use in a.c. traction systems - Devices

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. 03/26

STN EN 50152-3-1 z augusta 2017 sa bez tejto zmeny A1 môže používať do 31. 12. 2028.

Obsahuje: EN 50152-3-1:2017/A1:2025

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EUROPEAN STANDARD

EN 50152-3-1:2017/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2025

ICS 29.130.20; 29.280

English Version

Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-1: Measurement, control and protection devices for specific use in a.c. traction systems - Devices

Applications ferroviaires - Installations fixes - Exigences particulières pour appareillage à courant alternatif - Partie 3-1 : Dispositifs de mesure, de commande et de protection pour usage spécifique dans les systèmes de traction à courant alternatif - Guide d'application

Bahnanwendungen - Ortsfeste Anlagen - Besondere Anforderungen an Wechselstrom-Schaltanlagen - Teil 3-1: Mess-, Steuerungs- und Schutzanlagen für Wechselstrom-Bahnanlagen - Geräte

This amendment A1 modifies the European Standard EN 50152-3-1:2017; it was approved by CENELEC on 2025-12-08. 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.

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

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Contents		Page
European foreword		3
1	Modification to Clause 2, “Normative references”	4
2	Modification to 5.2, “Voltage detection systems”	4
3	Modification to 5.4, “Protection devices”	4
4	Modification to A.2.1, “General”	4

European foreword

This document (EN 50152-3-1:2017/A1:2025) has been prepared by CLC/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 implemented at national level by publication of an identical national standard or by endorsement (dop) 2026-12-31
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2028-12-31

This amendment includes the following significant technical changes with respect to EN 50152-3-1:2017:

- Replacing reference to EN 61243-5 with EN IEC 62271-213:2021 in Clause 2 and 5.2.
- Modification of subclause 5.4, second item in list of protection functions.
- Aligning the value for short-circuit current of 50 Hz traction systems given in Annex A, A.2.1 with EN 50388-1:2022, Table 7.

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.

1 Modification to Clause 2, “Normative references”

Delete the following from the list of references:

EN 61243-5, *Live working - Voltage detectors - Part 5: Voltage detecting systems (VDS) (IEC 61243-5)*

Add the following to the list of references:

EN IEC 62271-213:2021, *High-voltage switchgear and controlgear - Part 213: Voltage detecting and indicating system IEC 62271-213:2021)*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN