



NSAI
Standards

Irish Standard
I.S. EN 50123-4:2003

Railway applications - Fixed installations - D.C. switchgear -- Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing switches

I.S. EN 50123-4:2003

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

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English version

**Railway applications -
Fixed installations -
D.C. switchgear -
Part 4: Outdoor d.c. disconnectors, switch-disconnectors and earthing
switches**

Applications ferroviaires -
Installations fixes -
Appareillages à courant continu -
Partie 4: Interrupteurs-sectionneurs,
sectionneurs et sectionneurs de terre pour
l'extérieur

Bahnanwendungen -
Ortsfeste Anlagen -
Gleichstrom-Schaltanlagen -
Teil 4: Freiluft-Gleichstrom-Trennschalter,
-Lasttrennschalter und -Erdungsschalter

This amendment A1 modifies the European Standard EN 50123-4:2003; it was approved by CENELEC on 2013-08-26. 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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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

This document (EN 50123-4:2003/A1:2013) has been prepared by CLC/SC 9XC "Electric supply and earthing systems for public transport equipment and ancillary apparatus (Fixed installations)", of Technical Committee 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) 2014-08-26
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-08-26

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Modification to 5.3.3 "Currents"

In the first dash item under the third bullet item, **delete** the factor "1,2".

EUROPEAN STANDARD

EN 50123-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2003

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Supersedes EN 50123-4:1999

English version

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Bahnanwendungen –
Ortsfeste Anlagen –
Gleichstrom-Schalteinrichtungen
Teil 4: Freiluft-Gleichstrom-Trennschalter,
-Lasttrennschalter und -Erdungsschalter

This European Standard was approved by CENELEC on 2002-09-01. 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.

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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 the Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50123-4 on 2002-09-01.

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

This Part 4 is to be used in conjunction with EN 50123-1:2003.

Annexes designated “informative” are given for information only.
In this standard, annex A is informative.

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1 Scope

This part of EN 50123 specifies requirements for outdoor d.c. switch-disconnectors, disconnectors and earthing switches for use in outdoor fixed installations of traction systems.

NOTE 1 EN 50121-5 specifies requirements for electromagnetic compatibility (EMC).

NOTE 2 In this document the word "unit" means "switch-disconnector and/or disconnector and/or earthing switch" as defined in 3.1.4, 3.1.5 and 3.1.6 of EN 50123-1.

2 Normative references

This European Standard incorporates by dated or undated references, 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).

See EN 50123-1:2003.

3 Definitions

For the purposes of this European Standard, the terms and definitions given in EN 50123-1 apply.

4 Service requirements

The equipment covered in this standard is mainly intended for outdoor installations.

The requirements given for outdoor equipment in EN 50125-2 or in 2.1.2 of EN 60694 may be used and EN 50119 may be taken into account. In this standard the pollution degree PD 4A (see EN 50124-1) is considered as normal condition.

Where service requirements and environmental class differ from those defined in the above standards, require to be specified or a particular environmental class is required, the purchaser shall state this fact in the tender specification. The supplier shall confirm that the unit is suitable for the service requirements specified.

5 Characteristics of the unit

5.1 Enumeration of the characteristics

The characteristics of the unit and its assigned designations and values (where applicable) are as follows:

- type of unit (5.2);
- rated values (5.3);

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