

Railway applications — Fixed installations — D.C. switchgear —

**Part 7: Measurement, control and
protection devices for specific use in
d.c. traction systems —**

Section 1: Application guide

ICS 29.130.99; 29.280

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National foreword

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Comments arising from the use of this Draft for Development are requested so that UK experience can be reported to the European organization responsible for its conversion into a European Standard. A review of this publication will be initiated 2 years after its publication by the European organization so that a decision can be taken on its status at the end of its three-year life. The commencement of the review period will be notified by an announcement in *Update Standards*.

According to the replies received by the end of the review period, the responsible BSI Committee will decide whether to support the conversion into a European Standard, to extend the life of the prestandard or to withdraw it. Comments should be sent in writing to the Secretary of BSI Subcommittee GEL/9/3, Fixed equipment, at 389 Chiswick High Road, London W4 4AL, giving the document reference and clause number and proposing, where possible, an appropriate revision of the text.

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Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or by using the “Find” facility of the BSI Standards Electronic Catalogue.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the ENV title page, pages 2 to 14, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

This Draft for Development having been prepared under the direction of the Electrotechnical Sector Committee, was published under the authority of the Standards Committee and comes into effect on 15 August 1999

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Contents

	Page
National foreword	Inside front cover
Foreword	2
Text of ENV 50123-7-1	3

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Descriptors: Railway equipment, railway fixed equipment, electric traction, direct current, cutouts, electric power supply, definitions, operating requirements, measurements, inspection, protection

English version

**Railway applications — Fixed installations —
D.C. switchgear
Part 7: Measurement, control and protection devices for
specific use in d.c. traction systems
Section 1: Application guide**

This European Prestandard (ENV) was approved by CENELEC on 1998-01-14 as a prospective standard for provisional application. The period of validity of this ENV is limited initially to three years. After two years the members of CENELEC will be requested to submit their comments, particularly on the question whether the ENV can be converted into a European Standard (EN).

CENELEC members are required to announce the existence of this ENV in the same way as for an EN and to make the ENV available promptly at national level in an appropriate form. It is permissible to keep conflicting national standards in force (in parallel to the ENV) until the final decision about the possible conversion of the ENV into an EN is reached.

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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

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Foreword

This European Prestandard 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.

A first draft was submitted to the CENELEC enquiry as prEN 50123-7-1. The CENELEC Technical Board agreed that the document be further processed as a prENV.

A revised draft was approved by CENELEC SC 9XC on 1998-01-14 as ENV 50123-7-1.

This document is the first section of part 7 of EN 50123. Part 7 is divided into sections to cover an application guide and a number of protection devices with specific features for d.c. railway applications.

Annexes designated “informative” are given for information only.

In this ENV 50123-7-1 Annex A, Annex B and Annex C are informative.

Contents

	Page
Foreword	2
Introduction	3
1 Scope	3
2 References	3
3 Definitions	3
3.1 d.c. sensor	3
3.2 d.c. shunt	3
3.3 isolation transducer	3
3.4 Hall effect sensor	3
3.5 divider	3
4 Measurement	3
4.1 General	3
4.2 Current	3
4.3 Voltage dividers	4
5 Control systems	4
5.1 General	4
5.2 Anti-pumping	4
5.3 Auto-reclose with variable reclose time and final lock out	4
5.4 Line test device	4
5.5 Undervoltage close inhibit	5
6 Protection systems	6
6.1 General	6
6.2 Protection system of line circuit breakers (L)	6
6.3 Protection system for rectifier circuit breaker (R)	7
6.4 Direct acting (series trip)	7
6.5 Indirect acting	9
Annex A (informative) Electronic protection relay features	12
Annex B (informative) Rate of rise and ΔI relay — Examples for fault characteristic and setting parameter selection	13
Annex C (informative) Bibliography on relays in use	Inside back cover
Figure 1 — Basic circuit for line test device	5
Figure 2 — Typical impedance device (electromagnetic) Characteristics and setting	8
Figure 3 — Protection against earth fault	10
Figure B.1 — Example of rate of rise and ΔI relay discrimination	14