

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Railway applications – Fixed installations – Particular requirements for a.c. switchgear –

Part 3-3: Measurement, control and protection devices for specific use in a.c. traction systems – Single-phase inductive voltage transformers

Applications ferroviaires – Installations fixes – Exigences particulières pour appareillage à courant alternatif –

Partie 3-3: Dispositifs de mesure, de commande et de protection pour usage spécifique dans les systèmes de traction à courant alternatif – Transformateurs inductifs de tension monophasés



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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 Service conditions	7
5 Characteristics and use	7
6 Rating and design requirements	7
7 Withstand conditions	7
7.1 Primary side	7
7.2 Secondary side	7
8 Ferro-resonance	8
8.1 General	8
8.2 Prevention of the generation	8
8.3 Prevention of damages in the voltage transformer	8
8.4 Ferro-resonance withstand test	8
9 Particular design and construction characteristics	8
9.1 Pollution	8
9.2 External flashover test	8
9.3 Floating potentials and earthing	9
9.4 Electromagnetic compatibility	9
9.5 Secondary connection box	9
9.6 Information to be given by the purchaser	9
9.7 Information to be given by the supplier	9
10 Tests – General	9
11 Other requirements	10

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**RAILWAY APPLICATIONS –
FIXED INSTALLATIONS –
PARTICULAR REQUIREMENTS FOR AC SWITCHGEAR –**

**Part 3-3: Measurement, control and protection devices
for specific use in a.c. traction systems –
Single-phase inductive voltage transformers**

FOREWORD

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International Standard IEC 62505-3-3 has been prepared by IEC technical committee 9: Electrical equipment and systems for railways. This standard is based on EN 50152-3-3.

The text of this standard is based on the following documents:

FDIS	Report on voting
9/1223/FDIS	9/1236/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of IEC 62505 series, under the general title *Railway applications – Fixed installations – Particular requirements for a.c. switchgear*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

Withdrawn

INTRODUCTION

Part 3 of IEC 62505, "Railway applications – Fixed installations – Particular requirements for a.c. switchgear", concerning the measurement, control and protection devices for specific use in a.c. traction systems, comprises:

IEC 62505-3-1: Application guide (informative document)

IEC 62505-3-2: Single-phase current transformers (normative document)

IEC 62505-3-3: Single-phase inductive voltage transformers (normative document)

This Standard applies to inductive voltage transformers used at traction voltages and frequencies according to IEC 60850.

The requirements contained in this Standard complement those given in IEC 60044-2:1997.

Withdrawn