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**Railway applications—Fixed
installations—DC switchgear—
Part 2: DC circuit-breakers**

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In the event of any doubts arising as to the contents,
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Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of Land, Infrastructure, Transport and Tourism through deliberations at the Japanese Industrial Standards Committee according to the proposal for establishment of Japanese Industrial Standard submitted by Railway Electrical Engineering Association of Japan (REEAJ)/Japanese Standards Association (JSA) with the draft being attached, based on the provision of Article 12 clause 1 of the Industrial Standardization Law.

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JIS E 2501 series consists of the following two parts under the general title “*Railway applications—Fixed installations—DC switchgear*”:

Part 1: General

Part 2: DC circuit-breakers

Railway applications— Fixed installations—DC switchgear— Part 2: DC circuit-breakers

Introduction

This Japanese Industrial Standard has been prepared based on the second edition of **IEC 61992-1** published in 2006 with some modifications of the technical contents so as to include provisions in domestic standards.

The portions given sidelines or dotted underlines in this Standard are the matters in which the contents of the original international standard have been modified. A list of modifications with the explanations is given in Annex JF.

1 Scope

This Standard specifies requirements for d.c. circuit-breakers which are intended to be used in fixed electrical installations with nominal voltage not exceeding 3 000 V d.c., which supply electrical power to railway vehicles.

NOTE 1 Switchgear assemblies, electromagnetic compatibility (EMC) and dependability are not covered in this Standard, but by other parts of **IEC 61992** series or by other standards.

NOTE 2 The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows:

IEC 61992-2:2006 *Railway applications—Fixed installations—DC switchgear—Part 2: DC circuit-breakers* (MOD)

The symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified, and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. For standards with the year indication, only the editions of the indicated year shall be applied and the revisions (including amendments) made thereafter shall not be applied. For those without the indication of the year, the most recent edition (including amendments) shall be applied.

JIS C 0617-2 *Graphical symbols for diagrams—Part 2: Symbol elements, qualifying symbols and other symbols having general application*

JIS E 2501-1:2000 *Railway applications—Fixed installations—DC switchgear—Part 1: General*

NOTE : The corresponding International Standard: IEC 61992-1:2006 *Railway applications—Fixed installations—DC switchgear—Part 1: General* (MOD)