BS EN 62520:2011



BSI Standards Publication

Railway applications — Electric traction — Short-primary type linear induction motors (LIM) fed by power converters

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BS EN 62520:2011 BRITISH STANDARD

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This British Standard is the UK implementation of EN 62520:2011. It is identical to IEC 62520:2011.

The UK participation in its preparation was entrusted to Technical Committee GEL/9, Railway Electrotechnical Applications.

A list of organizations represented on this committee can be obtained on request to its secretary.

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English version

Railway applications Electric traction Short-primary type linear induction motors (LIM) fed by power converters (IEC 62520:2011)

Applications ferroviaires -Traction électrique -Moteurs à induction linéaires (LIM) du type à primaire court alimentés par des convertisseurs de puissance (CEI 62520:2011) Elektrische Zugförderung -Elektrische Maschinen für Schienen- und Straßenfahrzeuge -Umrichtergespeiste Asynchron-Linearmotoren des Kurzstatortyps (IEC 62520:2011)

This European Standard was approved by CENELEC on 2011-06-29. 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

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Foreword

The text of document (9/1531/FDIS), future edition 1 of IEC 62520, prepared by IEC TC 9, Electrical equipment and systems for railways, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62520 on 2011-06-29.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

 latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement

(dop) 2012-03-29

 latest date by which the national standards conflicting with the EN have to be withdrawn

(dow) 2014-06-29

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62520:2011 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

 IEC 60034-5
 NOTE
 Harmonized as EN 60034-5.

 IEC 61672-1
 NOTE
 Harmonized as EN 61672-1.

 IEC 61260
 NOTE
 Harmonized as EN 61260.

 IEC 61287-1
 NOTE
 Harmonized as EN 61287-1.

 IEC 61377-1
 NOTE
 Harmonized as EN 61377-1.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60034-8	-	Rotating electrical machines - Part 8: Terminal markings and direction of rotation	EN 60034-8	-
IEC 60050-131	-	International Electrotechnical Vocabulary (IEV) - Part 131: Circuit theory	-	-
IEC 60050-151	-	International Electrotechnical Vocabulary (IEV) - Part 151: Electrical and magnetic devices	-	-
IEC 60050-411	-	International Electrotechnical Vocabulary (IEV) - Chapter 411: Rotating machinery	-	-
IEC 60050-811	-	International electrotechnical vocabulary (IEV) - Chapter 811: Electric traction	-	-
IEC 60085	-	Electrical insulation - Thermal evaluation and designation	EN 60085	-
IEC 60349-2	2010	Electric traction - Rotating electrical machine for rail and road vehicles - Part 2: Electronic converter-fed alternating current motors	s EN 60349-2	2010
IEC 60850	-	Railway applications - Supply voltages of traction systems	-	-
IEC 61133	2006	Railway applications - Rolling stock - Testing of rolling stock on completion of construction and before entry into service	-	-
IEC 61373	-	Railway applications - Rolling stock equipme - Shock and vibration tests	ntEN 61373	-

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