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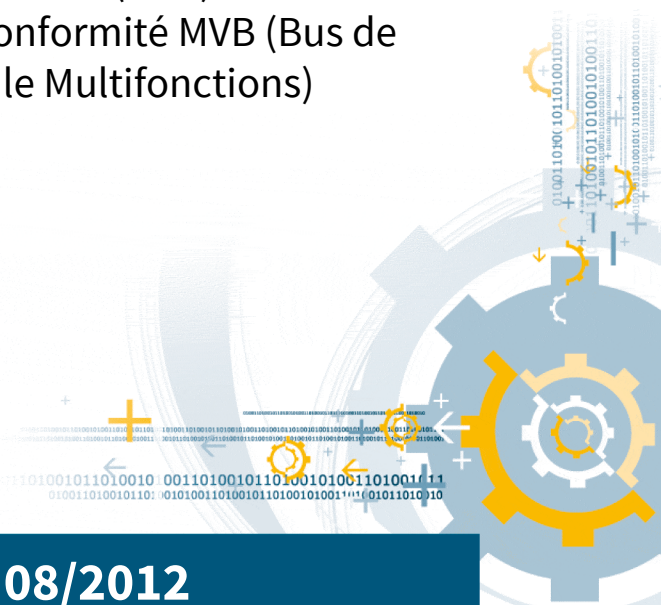
ILNAS-EN 61375-3-2:2012

**Electronic railway equipment - Train
communication network (TCN) - Part
3-2: MVB (Multifunction Vehicle Bus)
conformance testing**

Elektronische Betriebsmittel für Bahnen -
Zug-Kommunikations-Netzwerk - Teil
3-2: MVB (Multifunction-Vehicle-Bus)
Konformitätsprüfung

Matériel électronique ferroviaire - Réseau
embarqué de train (TCN) - Partie 3-2:
Essais de conformité MVB (Bus de
Véhicule Multifonctions)

08/2012



National Foreword

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**Electronic railway equipment -
Train communication network (TCN) -
Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing
(IEC 61375-3-2:2012)**

Matériel électronique ferroviaire -
Réseau embarqué de train (TCN) -
Partie 3-2: Essais de conformité MVB
(Bus de Véhicule Multifonctions)
(CEI 61375-3-2:2012)

Elektronische Betriebsmittel für Bahnen -
Zug-Kommunikations-Netzwerk -
Teil 3-2: MVB (Multipurpose-Vehicle-Bus)
Konformitätsprüfung
(IEC 61375-3-2:2012)

This European Standard was approved by CENELEC on 2012-07-26. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 9/1645/FDIS, future edition 1 of IEC 61375-3-2, prepared by IEC/TC 9 "Electrical equipment and systems for railways" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61375-3-2:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-04-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-07-26

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 61375-3-2:2012 was approved by CENELEC as a European Standard without any modification.

Annex ZA
(normative)**Normative references to international publications
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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>	<u>EN/HD</u>	<u>Year</u>
IEC 60063 + A1 + A2	1963 1967 1977	Preferred number series for resistors and capacitors	-	-
IEC 60571	-	Electronic equipment used on rail vehicles	-	-
IEC 60807	Series	Rectangular connectors for frequencies below 3 MHz	-	-
IEC 61375-2-1	-	Electronic railway equipment - Train communication network (TCN) - Part 2-1: Wire Train Bus (WTB)	EN 61375-2-1	-
IEC 61375-2-2	-	Electronic railway equipment - Train communication network (TCN) - Part 2-2: Wire Train Bus conformance testing	EN 61375-2-2	-
IEC 61375-3-1	-	Electronic railway equipment - Train communication network (TCN) - Part 3-1: Multifunction Vehicle Bus (MVB)	EN 61375-3-1	-
ISO/IEC 8482	1993	Information technology - Telecommunications - and information exchange between systems - Twisted pair multipoint interconnections	-	-
ISO/IEC 9646-1	1994	Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 1: General concepts	-	-
ISO/IEC 9646-7	1995	Information technology - Open Systems Interconnection - Conformance testing methodology and framework - Part 7: Implementation Conformance Statements	-	-

Annex ZZ
(informative)**Coverage of Essential Requirements of EU Directives**

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers all relevant essential requirements as given in Annex III of the EU Directive 2008/57/EC.

Compliance with this standard provides one means of conformity with the specified essential requirements of the Directive concerned.

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.



INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electronic railway equipment – Train communication network (TCN) –
Part 3-2: MVB (Multifunction Vehicle Bus) conformance testing**

**Matériel électronique ferroviaire – Réseau embarqué de train (TCN) –
Partie 3-2: Essais de conformité MVB (Bus de Véhicule Multifonctions)**

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