



# SLOVENSKI STANDARD

## SIST EN 61375-3-4:2014/A11:2017

01-maj-2017

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**Železniške elektronske naprave - Komunikacijsko omrežje vlaka - 3-4. del: Sestava omrežja Ethernet (ECN) - Dopolnilo A11**

Electronic railway equipment - Train communication network (TCN) - Part 3-4: Ethernet Consist Network (ECN)

Elektronische Betriebsmittel für Bahnen - Zug-Kommunikations-Netzwerk (TCN) - Teil 3-4: Ethernet-Consist-Netzwerk (ECN)

Matériel électronique ferroviaire - Réseau embarqué de train (TCN) - Partie 3-4: Réseau Ethernet de Rame (ECN)

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**Ta slovenski standard je istoveten z: EN 61375-3-4:2014/A11:2017**

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**ICS:**

45.020

Železniška tehnika na  
splošno

Railway engineering in  
general

**SIST EN 61375-3-4:2014/A11:2017**

**en,fr,de**

**iTeh STANDARD PREVIEW**  
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EUROPEAN STANDARD

**EN 61375-3-4:2014/A11**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2017

ICS 45.060

English Version

**Electronic railway equipment - Train communication network  
(TCN) - Part 3-4: Ethernet Consist Network (ECN)**

Matériel électronique ferroviaire - Réseau embarqué de train (TCN) - Partie 3-4: Réseau Ethernet de Rame (ECN)

Elektronische Betriebsmittel für Bahnen - Zug-Kommunikations-Netzwerk (TCN) - Teil 3-4: Ethernet-Consist-Netzwerk (ECN)

This amendment A11 modifies the European Standard EN 61375-3-4:2014; it was approved by CENELEC on 2017-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61375-3-4:2014/A11:2017****European foreword**

This document (EN 61375-3-4:2014/A11:2017) has been prepared by CLC/TC 9X "Electrical and electronic applications for railways".

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) 2018-02-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-02-01

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.

[SIST EN 61375-3-4:2014/A11:2017  
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## 1 Modifications to annexes

Add the following new annex.

### Annex ZZ (informative)

#### Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC

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 EC Directive 2008/57/EC (also named as New Approach Directive 2008/57/EC Rail Systems: Interoperability).

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZZ.1 relating to the 'rolling stock - locomotives and passenger rolling stock' subsystem of the rail system in the European Union, confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZZ.1 – Correspondence between this European Standard, the RST LOC&PAS TSI (published in the Official Journal L 356 on 12 December 2014, p. 228) and Directive 2008/57/EC

Clauses of this European Standard	Chapter / § / points of RST LOC&PAS TSI	Essential Requirements (ER) of Directive 2008/57/EC	Comments
Clauses 1 to 4 are applicable.	4.2.4.9 Brake state and fault indication 4.2.5.2 Audible communication system 4.2.5.3 Passenger alarm 4.2.5.4 Communication devices for passengers 4.2.5.5 Exterior doors 4.2.12.2 General documentation: - description of computerised on board systems	2. Requirements specific to each sub-subsystem 2.4. Rolling Stock 2.4.1. Safety 2.4.2. Reliability and availability 2.4.3. Technical compatibility	The TSI does not impose any technical solution regarding physical interfaces between units.  This standard offers a general multi-purpose solution for the digital communication network within railway vehicles and consists and it is relevant to equipment and vehicle interoperability.

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