

# **SLOVENSKI STANDARD**

## **SIST EN IEC 62290-1:2025**

**01-september-2025**

**Nadomešča:**  
**SIST EN 62290-1:2014**

---

### **Železniške naprave - Komandno-kontrolni sistemi za upravljanje urbanega prometa - 1. del: Sistemska načela in osnovni koncepti**

Railway applications - Urban guided transport management and command/control systems - Part 1: System principles and fundamental concepts

Bahnanwendungen - Betriebsleit- und Zugsicherungssysteme für den städtischen schienengebundenen Personennahverkehr - Teil 1: Systemgrundsätze und grundlegende Konzepte

Applications ferroviaires - Systèmes de contrôle/commande et de gestion des transports guidés urbains - Partie 1: Principes système et concepts fondamentaux

**Ta slovenski standard je istoveten z: EN IEC 62290-1:2025**

---

#### **ICS:**

03.220.30	Železniški transport	Transport by rail
45.060.01	Železniška vozila na splošno	Railway rolling stock in general

**SIST EN IEC 62290-1:2025**

**en**



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN IEC 62290-1**

May 2025

ICS 45.060.01

Supersedes EN 62290-1:2014

English Version

**Railway applications - Urban guided transport management and  
command/control systems - Part 1: System principles and  
fundamental concepts  
(IEC 62290-1:2025)**

Applications ferroviaires - Systèmes de contrôle/commande  
et de gestion des transports guidés urbains - Partie 1:  
Principes système et concepts fondamentaux  
(IEC 62290-1:2025)

Bahnanwendungen - Betriebsleit- und  
Zugsicherungssysteme für den städtischen  
schienengebundenen Personennahverkehr - Teil 1:  
Systemgrundsätze und grundlegende Konzepte  
(IEC 62290-1:2025)

This European Standard was approved by CENELEC on 2025-05-09. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN IEC 62290-1:2025 (E)****European foreword**

The text of document 9/3166/FDIS, future edition 3 of IEC 62290-1, prepared by TC 9 "Electrical equipment and systems for railways" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62290-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-05-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-05-31 document have to be withdrawn

This document supersedes EN 62290-1:2014 and all of its amendments and corrigenda (if any).

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

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

(<https://standards.iteh.ai>)  
**Endorsement notice**

The text of the International Standard IEC 62290-1:2025 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 are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62236	series	Railway applications - Electromagnetic compatibility	EN 50121	series
IEC 62278	-	Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS)	EN 50126	-
IEC 62279	-	Railway applications - Communications, signalling and processing systems - Software for railway control and protection systems	EN 50128	-
IEC 62280	-	Railway applications - Communication, signalling and processing systems - Safety related communication in transmission systems	EN 50159	-
IEC 62290-2	-	Railway applications - Urban guided transport management and command/control systems - Part 2: Functional requirements specification	EN IEC 62290-2	-
IEC 62425	-	Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling	EN 50129	-