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Jernbaner – Rullende materiel – Software om bord på rullende materiel

Railways Applications – Rolling stock applications –
Software on Board Rolling Stock

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EUROPÄISCHE NORM

November 2023

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English Version

Railways Applications - Rolling stock applications - Software on Board Rolling Stock

Applications ferroviaires - Applications du matériel roulant -
Logiciels embarqués

Bahnwendungen - Anwendungen für Bahnfahrzeuge -
Software auf Bahnfahrzeugen

This amendment A1 modifies the European Standard EN 50657:2017; it was approved by CENELEC on 2023-08-03. 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

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European foreword

This document [EN 50657:2017/A1:2023] has been prepared by CLC/SC 9XB “Electrical, electronic and electromechanical material on board rolling stock, including associated software”.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2024-08-03
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2026-08-03

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.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

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.

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1 Modification to Scope

Add the following note after the paragraph in 1.6:

“NOTE This document was derived from the signalling standard EN 50128 which in many cases was also applied in Rolling Stock applications. Subclause 1.6 ensures continuity in the application of the standards, i.e., software that was developed in accordance with EN 50128 can still be re-used for new projects.”