

RAUDTEEALASED RAKENDUSED. HÄDAABI JA
SUHTLUSSEADMED. NÕUDED RAUDTEEVEEREMILE

Railway applications - Call for aid and communication
device - Requirements for heavy rail vehicles

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN 16683:2025 sisaldab Euroopa standardi EN 16683:2025 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.12.2025.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN 16683:2025 consists of the English text of the European standard EN 16683:2025.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 17.12.2025.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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English Version

Railway applications - Call for aid and communication device - Requirements for heavy rail vehicles

Applications ferroviaires - Dispositifs d'appel à l'aide et de communication à disposition des passagers - Prescriptions pour véhicules ferroviaires lourds

Bahnanwendungen - Hilferufvorrichtung und Kommunikationseinrichtung für Fahrgäste - Anforderungen für Vollbahnfahrzeuge

This European Standard was approved by CEN on 26 October 2025.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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European foreword

This document (EN 16683:2025) has been prepared by Technical Committee CEN/TC 256 “Railway applications”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by June 2026, and conflicting national standards shall be withdrawn at the latest by June 2026.

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

This document supersedes EN 16683:2015.

In comparison with the previous edition EN 16683:2015, the following technical modifications have been made:

- the scope has been updated and explicitly does not cover urban rail;
- the normative references have been updated;
- Clause 3 (Terms, definitions and abbreviations) has been updated;
- the CFA (Clause 4) description and requirements have been reviewed to remove ambiguities;
- a new subclause 4.11 on CFAD passenger interface design requirements was added;
- subclause 5.5 is now Clause 6 and has been slightly rephrased;
- Annex C has been rewritten;
- Annex D has been added;
- Annex ZA has been removed.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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1 Scope

This document covers heavy rail rolling stock.

This document does not cover urban rail rolling stock.

NOTE 1 EN 17355 covers communication device requirements for urban rail rolling stock.

This document specifies:

- the functional requirements for a call for aid system and communication device system;
- the dynamic analysis of the call for aid system.

NOTE 2 “Dynamic analysis” is understood here as a sequence of actions.

NOTE 3 In a formation of vehicles where one complies with this document with one that does not, it is possible that the call for aid system is not fully functional.

NOTE 4 The call for aid system function is separate from the Passenger Alarm System (PAS) function, which is provided to deal with emergency situations. The PAS is described in EN 16334-1:2014+A1:2022.

NOTE 5 The communication device system can be different from the PAS, but it can share some or all parts of the PAS to achieve its functionalities.

NOTE 6 The PAS is regarded as a safety relevant system whereas the CFA system and communication device system are non-safety relevant aids to passengers.

2 Normative references

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.

EN 16584-1:2025, *Railway applications — Design for PRM use — General requirements — Part 1: Contrast*

EN 16584-2:2025, *Railway applications — Design for PRM use — General requirements — Part 2: Information (Basel)*

EN 16584-3:2025, *Railway applications — Design for PRM use — General requirements — Part 3: Optical and friction characteristics*

EN 16585-1:2025, *Railway applications — Design for PRM use — Equipment and components onboard rolling stock - Part 1: Toilets*

EN 16585-2:2025, *Railway applications — Design for PRM use — Equipment and components on board rolling stock - Part 2: Elements for sitting, standing and moving*

EN 16585-3:2025, *Railway applications — Design for PRM use — Equipment and components on board rolling stock - Part 3: Clearways and internal doors*

EN 17343:2023, *Railway applications — General terms and definitions*