



NSAI
Standards

Irish Standard
I.S. EN 16683:2015

Railway applications - Call for aid and communication device - Requirements

I.S. EN 16683:2015

Incorporating amendments/corrigenda/National Annexes issued since publication:

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NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

National Foreword

I.S. EN 16683:2015 is the adopted Irish version of the European Document EN 16683:2015, Railway applications - Call for aid and communication device - Requirements

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EUROPEAN STANDARD

EN 16683

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2015

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English Version

Railway applications - Call for aid and communication device - Requirements

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

Bahnanwendungen - Hilferufvorrichtung und
Kommunikationseinrichtung für Fahrgäste -
Anforderungen

This European Standard was approved by CEN on 7 November 2015.

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

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European foreword

This document (EN 16683:2015) 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of an identical text or by endorsement, at the latest by June 2016, and conflicting national standards shall be withdrawn at the latest by June 2016.

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

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

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EN 16683:2015 (E)

1 Scope

This European Standard specifies:

- the functional requirements for a Call For Aid and Communication device;
- the dynamic analysis of the Call For Aid system.

NOTE 1 The Call For Aid function on existing vehicles may require modification to work in conjunction with vehicles that comply with this European Standard.

NOTE 2 The Call For Aid function is separate from the Passenger Alarm System (PAS), which is provided to deal with emergency situations. The PAS is described in EN 16334.

NOTE 3 The communication device is different from the PAS, but it can share some parts of the PAS to achieve its functionalities.

NOTE 4 The PAS is regarded as a safety relevant system whereas the CFA and communication device are non-safety relevant aids to passengers.

2 Normative references

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.

EN 16334, *Railway applications - Passenger Alarm System - System requirements*

prEN 16584 (all parts), *Railway applications — Design for PRM use — General requirements*

prEN 16585 (all parts), *Railway applications — Design for PRM use — Equipment and Components onboard Rolling Stock*

ISO 3864-1, *Graphical symbols — Safety colours and safety signs — Part 1: Design principles for safety signs and safety markings*

3 Terms, definitions and abbreviations

3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1.1

authorized person

operational people authorized to deal with the situation following CFAD or communication device operation

Note 1 to entry An authorized person could be, for example, either staff on the train or at a call centre as defined by operating rules.

3.1.2

call for aid

CFA

system used to enable passengers to inform an authorized person or the driver of a request for help

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