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Bahnanwendungen –
Seiteneinstiegssysteme für Schienenfahrzeuge;
Englische Fassung EN 14752:2019,
Englische Übersetzung von DIN EN 14752:2020-03

Applications ferroviaires –
Systèmes d'accès latéraux pour matériel roulant;
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Traduction anglaise de DIN EN 14752:2020-03

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National foreword

This document (EN 14752:2019) has been prepared by Technical Committee CEN/TC 256 "Railway applications" (Secretariat: DIN, Germany) under the general direction of Working Group 27 "Doors" (Chairmanship: Austria) of Subcommittee SC 3 "Rolling Stock Systems" (Secretariat: BSI, United Kingdom).

The responsible German body involved in its preparation was *DIN-Normenausschuss Fahrweg und Schienenfahrzeuge* (DIN Standards Committee Railway), Working Committee NA 087-00-11 AA "Passenger areas".

This document is based on the English reference version.

The DIN documents corresponding to the international documents referred to in this document are as follows:

ISO 3864 (all parts)	DIN ISO 3864 (all parts)
ISO 7000	DIN ISO 7000

Amendments

This standard differs from DIN EN 14752:2015-05 as follows:

a) the numbering of the figures has been amended because a new figure has been included in subclause 4.1.6;

b) Clause 2 has been updated;

c) 3.27 has been reworded;

d) in 4.1.1.1 "Minimum width", a reference to manual or semi-automatic ramps has been added;

e) in 4.1.5 "Train surfing", a specification regarding the required crew access has been added;

f) in 4.1.6 "Door windows", details on the step downwards have been added. The figure has also been improved;

g) in 5.2.1.3.1 "General", the text has been amended as follows: "under the supervision of the train crew or in the case of:";

h) in 5.2.1.3.2.3, the reference to the obsolete TSI RST has been removed;

i) in 5.2.1.3.3.2 "Door closing signal sequence", the duration is now obligatory (... shall ...);

j) in 5.2.1.4.2.2 "Closing force", a reference to traffic regularity has been added. In addition, the specification of the peak force has been amended, see also Annex D;

k) in 5.2.1.5 "Static and dynamic anti-drag", the diameter has been corrected to 20 mm in Figure 16;

l) in Annex B "Water test procedure", the test arrangement and test procedure have been revised;

m) in D.2.4 and D.3.3, the definition of the peak force has been revised;

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n) in Annex F, the order and the wording have been amended due to the TSI requirements;

o) Annex K has been deleted;

p) Annex ZA has been updated;

q) the Bibliography has been updated.

Previous editions

DIN EN 14752: 2006-03, 2015-05

National Annex NA
(informative)

Bibliography

DIN ISO 3864 (all parts), *Graphical symbols — Safety colours and safety signs*

DIN ISO 7000, *Graphical symbols for use on equipment — Index and synopsis*

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 14752

November 2019

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Supersedes EN 14752:2015

English Version

Railway applications - Bodyside entrance systems for rolling stock

Applications ferroviaires - Systèmes d'accès latéraux pour matériel roulant

Bahnanwendungen - Seiteneinstiegssysteme für Schienenfahrzeuge

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Contents

Page

European foreword ... 5
Introduction ... 7
1 Scope ... 8
2 Normative references ... 8
3 Terms and definitions ... 9
4 Constructional requirements ... 13
4.1 Door design ... 13
4.1.1 Door throughway design ... 13
4.1.2 Steps ... 15
4.1.3 Track level access ... 17
4.1.4 Relative position of the step edge ... 17
4.1.5 Train surfing ... 18
4.1.6 Door windows ... 18
4.1.7 Design of body side entrance doors used for accessing driver's cabs ... 19
4.1.8 Water drainage ... 19
4.2 Mechanical strength ... 19
4.2.1 Door mechanical strength ... 19
4.2.2 Step(s) mechanical strength ... 21
4.3 Local door control devices ... 22
4.3.1 Door buttons ... 22
4.3.2 Emergency egress device ... 23
4.3.3 Access device ... 24
4.4 Labels/warning signs ... 25
4.5 Interfaces with the vehicle ... 25
4.5.1 Electric and pneumatic power supplies ... 25
4.5.2 Mechanical interface with the vehicle ... 25
4.6 Other requirements ... 25
4.6.1 Fire protection ... 25
4.6.2 Insulation ... 25
4.7 Electronic equipment ... 26
4.7.1 Hardware ... 26
4.7.2 Software for electronic door control systems ... 26
4.8 Reliability, availability, maintainability, safety (RAMS) ... 26
4.9 Protection against electrical hazards ... 27
4.10 Environmental conditions ... 27
4.10.1 Weather ... 27
4.10.2 Water tightness ... 27
4.10.3 Pressure tightness ... 27
4.11 Manual and semi-automatic ramps, bridging plates ... 28
5 Operational requirements ... 28
5.1 Door control ... 28
5.1.1 General ... 28
5.1.2 Release doors and steps ... 28
5.1.3 Interlocking of released doors ... 28
5.1.4 Single point failure ... 28

This is a preview. Click here to purchase the full publication.

5.1.5 Mechanical locking 28
5.1.6 Out-of-service devices 29
5.1.7 Isolation for maintenance purposes 30
5.2 Closing and opening conditions 31
5.2.1 Safety during closing 31
5.2.2 Entrance system closed proving 42
5.3 Opening conditions 42
5.3.1 Safety during opening 42
5.3.2 Limitation of opening 42
5.4 Moveable step obstacle detection 43
5.4.1 General 43
5.4.2 Steps outside the vehicle 43
5.4.3 Steps inside the vehicles 43
5.5 Emergency operation 43
5.5.1 Emergency egress 43
5.5.2 Emergency windows in access doors 46
5.5.3 Access device 46
5.5.4 Powering up 47
5.6 Other requirements 47
5.6.1 Passenger access door area illumination 47
5.6.2 Status indication 47

6 Categories of tests 47
6.1 General 47
6.2 Type tests 47
6.3 Routine tests during manufacture 48
6.4 Routine test on the fully assembled vehicle/train consist 48

7 Documentation related to installation and maintenance of the entrance system 48

Annex A (normative) Passenger interface devices 49
A.1 Purpose 49
A.2 Design of door buttons 49
A.3 Labels on or near door buttons 50
A.4 Recommended emergency egress device 52
A.5 Sample of labels 52

Annex B (normative) Water test procedure 53
B.1 Purpose 53
B.2 Test arrangement 53
B.3 Test procedure 54
B.4 Test decision 55

Annex C (normative) Specification and testing of the pressure tightness of door 57
C.1 Purpose 57
C.2 Calculation – Flowchart 57
C.3 Example of pressure tightness requirement specification 57
C.4 Pressure tightness testing 58
C.4.1 General 58
C.4.2 Variable pressure measurement method 58
C.4.3 Variant: Constant pressure method of measurement 60

Annex D (normative) Requirements for measuring the closing forces of power-operated doors 62
D.1 General 62
D.2 Terms and definitions 62

This is a preview. Click here to purchase the full publication.

D.3 Measurements ... **63**
D.3.1 Conditions of measurement ... **63**
D.3.2 Measurement points ... **63**
D.3.3 Measuring method ... **63**

Annex E (normative) **Test plan** ... **65**

Annex F (normative) **Load requirements for doors due to aerodynamic loads on passenger trains** ... **67**

Annex G (informative) **Clauses in this European Standard requiring clarification in the technical specification** ... **68**

Annex H (normative) **RIC-KEY** ... **70**

Annex I (informative) **Calculation of kinetic energy** ... **71**

Annex J (informative) **Non-contact obstacle detection** ... **77**
J.1 General ... **77**
J.2 Light barrier ... **77**
J.3 Step sensors for external steps ... **77**
J.4 Area monitoring systems ... **77**
J.4.1 Arrangement of area monitoring system ... **77**
J.4.2 Testing of area monitoring system ... **80**

Annex ZA (informative) **Relationship between this European Standard and the Essential Requirements of EU Directive 2016/797 aimed to be covered** ... **82**

Bibliography ... **84**

This is a preview. Click here to purchase the full publication.

European foreword

This document (EN 14752:2019) 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 May 2020, and conflicting national standards shall be withdrawn at the latest by May 2020.

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 14752:2015.

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 2016/797.

For relationship with EU Directive 2016/797, see informative Annex ZA, which is an integral part of this document.

EN 14752:2019 includes the following significant technical changes with respect to EN 14752:2015:

Subclause/paragraph/ table/figure	Change
General	Figures renumbered due to adding a figure to 4.1.6
Clause 2 Normative References	Some references updated and dated
3.2 Bridging plate	Reference to PRM standard
3.12 First step	Reference to PRM standard
3.19 Palm operated	Reference to PRM standard
3.25 Slip resistant	Reference to PRM standard
3.27 Technical Specification	Reworded
4.1.1.1 Minimum width	Reference to manual or semi-automatic ramps added
4.1.5 Train surfing	Reference to crew access needs added
4.1.6 Door windows	Details for step downwards added, Fig. enhanced
4.2.1.5 Vibration and shock	Design and testing separated
4.2.2 Step mechanical strength	Fig. improved
5.1.6.1 Door out of service	Operation from inside no more mandatory, defined in specification
5.2.1.3.1 Closing and opening signal - general	Amended to read: …under the supervision of the train crew **or** in the case of:
5.2.1.3.2.3 Release/Opening door signal	Reference to obsolete TSI RST deleted
5.2.1.3.3.1 General	Provisions for LED strps added
5.2.1.3.3.2 Visual signal	Duration becomes mandatory (…shall…)

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5.2.1.3.4 Visual signals of door buttons	Moved from 4.3.1.7.1 in former edition
5.2.1.4.1 Sensitivity of obstacle detection	Mode of inserting test bar modified
5.2.1.4.3 Obstacle removal force	Mode of inserting test bar modified
5.2.1.4.2.2 Closing force	Reference to “traffic regularity” added, peak force definition modified, see also Annex D
5.2.1.5 Anti drag	Figure 16, Diameter corrected to 20 mm Table 1 test 2 dynamic –pulling from outside added
5.2.2.2 Stepand traction interlock system	In case of no interlock need for gauge infringement definition added
5.3.2 Limitationof opening	Disabling of opening in case of central closing added
5.5.1.8 Protection against accidential operation	Signal to train system after first action added
6.2 Type tests	Additional test at a cant of 3°
B.2 and B.3 Watertesting	Testing arrangement and procedure amended
D.2.4 Force graph and D.3.3 Measuring Method	Peak force definition amended
D.3.1 Condition of measurement	Reference to non contact detection added
D.3.3 Measuring Method	Reference to further attempts added
Annex F Load requirements	Order and wording changed due to TSi requirements
Annex K Migration Rule	Deleted
Annex ZA Relationship with TSI	Updated
Bibliography	Some references updated
NOTE The technical changes referred to include the significant technical changes from the EN revised but are not an exhaustive list of all modifications from the previous edition.	

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