DIN EN 16683:2026-02 (E)

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

Contents

Page

European foreword 3

1 Scope 4

2 Normative references 4

3 Terms, definitions and abbreviations 5
3.1 Terms and definitions 5
3.2 Abbreviations 6

4 CFA 7
4.1 CFA system elements overview 7
4.2 CFA general requirements 8
4.3 Basic CFA system 8
4.3.1 Minimum requirements of the basic CFA system 8
4.3.2 Local basic CFAD interface 9
4.4 Isolation of CFA system elements 9
4.5 CFAD operation requirements 9
4.5.1 Actions and feedback at the cfad location 9
4.5.2 Actions at train level 10
4.6 CFAD operation in sleeping coach 11
4.7 Locating operated CFAD 11
4.8 Acknowledgements and feedback 11
4.8.1 Soo acknowledgement and feedback recommendations 11
4.8.2 Doo acknowledgement requirements 12
4.8.3 Doo feedback to passengers 12
4.9 CFAD reset 12
4.10 Dynamic analysis of the CFA function 12
4.11 CFAD interface design requirements 13

5 Communication device 13
5.1 Introduction 13
5.2 General requirements 13
5.3 Communication device interface design requirements 14
5.4 Communication within a sleeping coach 15

6 Communication priority requirements 15

Annex A (informative) CFA train broadcast audible signal tone for cross border trains 16

Annex B (informative) Flowchart of CFA operation 17

Annex C (informative) Communication device passenger interface 18

C.1 Label 18
C.2 Communication device where no CFAD is provided 18
C.3 Communication device trigger close to a CFAD 19

Annex D (informative) PAS/CD/CFA system overview 20

Bibliography 21