

# DIN EN 16683:2016-04 (E)

## Railway applications - Call for aid and communication device - Requirements

---

<b>Contents</b>		<b>Page</b>
European foreword .....		3
<b>1</b>	<b>Scope .....</b>	<b>4</b>
<b>2</b>	<b>Normative references .....</b>	<b>4</b>
<b>3</b>	<b>Terms, definitions and abbreviations .....</b>	<b>4</b>
3.1	Terms and definitions .....	4
3.2	Abbreviations .....	5
<b>4</b>	<b>CFA .....</b>	<b>6</b>
4.1	CFA interfaces overview .....	6
4.2	CFA general requirements .....	6
4.3	Basic CFA .....	7
4.3.1	Minimum requirements of the basic CFA .....	7
4.3.2	Local basic CFA devices .....	8
4.4	CFA isolation .....	8
4.5	CFAD operation requirements .....	8
4.5.1	Actions and feedback at the CFAD location .....	8
4.5.2	Actions at train level .....	9
4.6	CFAD operation in sleeping coach .....	10
4.7	Locating operated CFAD .....	10
4.8	Acknowledgements and feedback .....	10
4.8.1	SOO acknowledgement and feedback recommendations .....	10
4.8.2	DOO acknowledgement requirements .....	10
4.8.3	DOO feedback to passengers .....	11
4.9	CFAD reset .....	11
4.10	Dynamic analysis of the CFA function .....	11
<b>5</b>	<b>Communication device .....</b>	<b>12</b>
5.1	Introduction .....	12
5.2	General requirements .....	12
5.3	Communication device interface design requirements .....	13
5.4	Communication within a sleeping coach .....	13
5.5	Communication priority requirements .....	13
<b>Annex A (informative) CFA train broadcast audible signal tone for cross border trains .....</b>		<b>14</b>
<b>Annex B (informative) Flowchart of CFA operation .....</b>		<b>15</b>
<b>Annex C (informative) Communication device passenger interface .....</b>		<b>17</b>
<b>Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC .....</b>		<b>18</b>
<b>Bibliography .....</b>		<b>20</b>