DIN EN 81-28:2022-08 (E)

Safety rules for the construction and installation of lifts - Lifts for the transport of persons and goods - Part 28: Remote alarm on passenger and goods passenger lifts

Contents

Page

European foreword 4

Introduction 5

1 Scope 6

2 Normative references 6

3 Terms and definitions 7

4 Safety requirements and/or protective/risk reduction measures 8
4.1 General 8
4.1.1 Introduction 8
4.1.2 Alarm information 8
4.1.3 End of alarm 8
4.1.4 Emergency electrical power supply 9
4.1.5 Visible and audible signals in the lift car 9
4.1.6 Alarm filtering 10
4.1.7 Identification 11
4.1.8 Communication 11
4.2 Technical characteristics 11
4.2.1 Availability / reliability 11
4.2.2 Electrical interface 11
4.2.3 Alarm initiation device 11
4.2.4 Accessibility to alarm equipment 11
4.2.5 Modification of parameters 12

5 Information for use 12
5.1 Information to be provided with the lift 12
5.2 Information for the rescue service 12

6 Verification of the safety requirements and/or protective measures 13
6.1 General 13
6.2 Examinations and tests 14
6.2.1 General 14
6.2.2 Alarm (4.1.2) 14
6.2.3 End of alarm (4.1.3) 14
6.2.4 Emergency electrical power supply (4.1.4), if applicable 14
6.2.5 Information in the lift car (4.1.5) 14
6.2.6 Communication (4.1.8), alarm filtering (4.1.6), identification (4.1.7) 14

7 Marking 15

Annex A (normative) Typical 2-way communication between lift(s) and rescue service 16

Annex B (informative) General information for the operation of rescue services 17

B.1 General 17
B.2 Operation 17
B.3 Response time 17
B.4 Identification 18

B.5 Communication 18
B.6 Back-up service 18
B.7 Testing 18
B.8 Training 18

Annex ZA (informative) Relationship between this European Standard and the essential requirements of Directive 2014/33/EU aimed to be covered 19

Bibliography 20