DIN EN 15869-3:2019-08 (E)

Inland navigation vessels - Electrical shore connection, three phase current 400 V, 50 Hz, up to 125 A - Part 3: On- board unit, additional requirements

Contents

Page

European foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 Terms and definitions 5

4 Requirements 6
4.1 Types 6
4.2 Shore connection cable 6
4.2.1 General 6
4.2.2 Laying of the shore connection cable 7
4.2.3 Extensions 7
4.3 Feeding unit 8
4.3.1 General 8
4.3.2 Mechanical requirements 9
4.3.3 General electrical requirements 9
4.3.4 Connection of the isolating transformer 9
4.3.5 Operating instructions 9
4.3.6 Other provisions 10

5 Designation 10
5.1 Shore connection cable 10
5.2 Feeding unit 10

6 Marking 11
6.1 Shore connection cable 11
6.2 Feeding unit 11

Annex A (informative) Dimensioning of a shore connection cable 12

Bibliography 13

Figures Figure 1 -- Shore connection cable with extension 7

Figure 2 -- Block diagram of a feeding unit type B 8

Tables Table A.1 -- Maximum length of a shore connection cable according to EN 50525-2-21 including extension, if applied 12