



BSI Standards Publication

Inland navigation vessels – Electrical shore connection, three phase current 400 V, 50 Hz, up to 125 A

Part 2: On-shore unit, additional requirements

National foreword

This British Standard is the UK implementation of EN 15869-2:2019. It supersedes BS EN 15869-2:2010, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee SME/32, Ships and marine technology - Steering committee.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

© The British Standards Institution 2019

Published by BSI Standards Limited 2019

ISBN 978 0 580 98366 5

ICS 47.020.60; 47.060; 93.140

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 30 June 2019.

Amendments/corrigenda issued since publication

Date	Text affected
------	---------------

English Version

**Inland navigation vessels - Electrical shore connection,
three phase current 400 V, 50 Hz, up to 125 A - Part 2: On-
shore unit, additional requirements**

Bateaux de navigation intérieure - Connexion au réseau
électrique terrestre, courant triphasé 400 V, 125 A
maximum, 50 Hz - Partie 2 : Unité terrestre, exigences
supplémentaires

Fahrzeuge der Binnenschifffahrt - Elektrischer
Landanschluss, Drehstrom 400 V, 50 Hz, bis 125 A -
Teil 2: Landseitiger Teil, zusätzliche Anforderungen

This European Standard was approved by CEN on 22 April 2019.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Contents		Page
European foreword.....		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Requirements	6
4.1	General.....	6
4.2	Lighting.....	7
4.3	Mechanical and environmental requirements.....	7
4.4	Electrical safety.....	7
4.5	Operating instructions.....	7
4.6	Other provisions.....	8
5	Designation.....	8
6	Marking.....	8
Bibliography		9
Figures		
Figure 1 — Block diagram of an electrical power-supply station with one shore connection unit.....		6