



BSI Standards Publication

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

Part 1: General requirements

National foreword

This British Standard is the UK implementation of EN 15869-1:2019. It supersedes BS EN 15869-1:2010, which is withdrawn.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.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

**Inland navigation vessels - Electrical shore connection,
three phase current 400 V, 50 Hz, up to 125 A - Part 1:
General requirements**

Bateaux de navigation intérieure - Connexion au réseau
électrique terrestre, courant triphasé 400 V, 125 A
maximum, 50 Hz - Partie 1 : Exigences générales

Fahrzeuge der Binnenschifffahrt - Elektrischer
Landanschluss, Drehstrom 400 V, 50 Hz, bis 125 A -
Teil 1: Allgemeine Anforderungen

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

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European foreword

This document (EN 15869-1:2019) has been prepared by Technical Committee CEN/TC 15 “Inland navigation vessels”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2019, and conflicting national standards shall be withdrawn at the latest by December 2019.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 15869-1:2010.

A list of all parts in the EN 15869 series, published under the general title *Inland navigation vessels — Electrical shore connection, three phase current 400 V, 50 Hz, up to 125 A*, can be found on the CEN-CENELEC website.

The main changes compared to the previous edition are as follows:

- the maximum operating current has been increased up to 125 A;
- the title has been changed accordingly;
- the scope has been extended and clarified;
- the Normative references have been supplemented;
- Clause 3 has been completed and the definitions of terms adapted to those used in EN 16840;
- requirements common to all parts of the electrical system “shore connection” have been moved from Part 2 and Part 3 to Part 1 and merged;
- Figure 1 has been adapted to the corresponding figure in EN 16840;
- Clause A.5 has been added to Annex A;
- references from all parts of the EN 15869 series have been combined and inserted in Part 1.

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