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Elinstallationer i fartyg – Del 101: Definitioner och allmänna fordringar

*Electrical installations in ships –
Part 101: Definitions and general requirements*

Denna svenska standard innehåller den engelska texten i nedan angiven IEC-publikation, utarbetad inom International Electrotechnical Commission, IEC:

- **IEC 60092-101, Fourth edition, 1994^{*)} - Electrical installations in ships - Part 101: Definitions and general requirements**

Nationellt förord

Tidigare fastställd svensk standard SS-IEC 92, utgåva 4, 1995, gäller ej fr o m 2017-11-23.

^{*)}Amendment No 1:1995 och Corrigendum, November 1996 är inarbetade i standarden. Ändringarna är markerade med ett lodrätt streck i marginalen.

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Box 1284
164 29 Kista
Tel 08-444 14 00
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRICAL INSTALLATIONS IN SHIPS – Part 101: Definitions and general requirements

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60092-101 has been prepared by IEC technical committee 18: Electrical installations of ships and of mobile and fixed offshore units.

This fourth edition cancels and replaces the third edition published in 1980 and its amendment 1 (1989) and constitutes a technical revision.

This consolidated version of IEC 60092-101 is based on the fourth edition (1994) [documents 18(CO)516+18(CO)519/FDIS and 18(CO)527+18(CO)537/RVD], its amendment 1 (1995) [documents 18/755/FDIS et 18/772/RVD] and the corrigendum of November 1996.

It bears the edition number 4.1.

A vertical line in the margin shows where the base publication has been modified by amendment 1.

Annex A is an integral part of this standard.

Annexes B and C are for information only.

The committee has decided that the contents of the base publication and its amendment will remain unchanged until 2003. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.

INTRODUCTION

IEC 60092: *Electrical installations in ships*, forms a series of international standards for electrical installations in sea-going ships, incorporating good practice and co-ordinating, as far as possible, existing rules. These standards form a code of practical interpretation and amplification of the requirements of the International convention on safety of life at sea, a guide for future regulations which may be prepared and a statement of practice for use by shipowners, shipbuilders and appropriate organizations.

ELECTRICAL INSTALLATIONS IN SHIPS – Part 101: Definitions and general requirements

1 General

1.1 Scope

This part of IEC 60092 is applicable to electrical installations for use in ships.

The definitions and general requirements given in this part are applicable, unless otherwise indicated, to other parts of IEC 60092.

1.2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050: *International Electrotechnical Vocabulary (IEV)*

IEC 60079: *Electrical apparatus for explosive gas atmospheres*

IEC 60079-14:1984, *Electrical apparatus for explosive gas atmospheres – Part 14: Electrical installations in explosive gas atmospheres (other than mines)*

IEC 60092-3:1965, *Electrical installations in ships – Part 3: Cables (construction, testing and installations)*
Amendment 6 (1984)

IEC 60092-201:1980, *Electrical installations in ships – Part 201: System design – General*
Amendment 5 (1990)

IEC 60092-301:1980, *Electrical installations in ships – Part 301: Equipment – Generators and motors*

IEC 60092-305:1980, *Electrical installations in ships – Part 305: Equipment – Accumulator (storage) batteries*
Amendment 1 (1989)

IEC 60092-306:1980, *Electrical installations in ships – Part 306: Equipment – Luminaires and accessories*

IEC 60092-352:1979, *Electrical installations in ships – Part 352: Choice and installation of cables for low-voltage power systems*
Amendment 1 (1987)

IEC 60092-502:1994, *Electrical installations in ships – Part 502: Special features – Tankers*

IEC 60092-504:1994, *Electrical installations in ships – Part 504: Special features – Control and instrumentation*

IEC 60112:1979, *Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions*

IEC 60167:1964, *Methods of test for the determination of the insulation resistance of solid insulating materials*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*