

CONSOLIDATED VERSION

VERSION CONSOLIDÉE



**Electrical installations of buildings –
Part 5-55: Selection and erection of electrical equipment – Other equipment**

**Installations électriques des bâtiments –
Partie 5-55: Choix et mise en oeuvre des matériels électriques – Autres matériels**



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IEC 60364-5-55

Edition 2.2 2016-07

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CONTENTS

FOREWORD.....	4
550 Introduction	6
550.1 Scope.....	6
550.2 Normative references.....	6
550.3 Terms and definitions.....	8
551 Low-voltage generating sets.....	8
551.1 Scope.....	8
551.2 General requirements	9
551.3 Protective measure: extra-low-voltage provided by SELV and PELV.....	10
551.4 Fault protection (protection against indirect contact)	10
551.5 Protection against overcurrent.....	11
551.6 Additional requirements for installations where the generating set provides a supply as a switched alternative to the normal supply to the installation	12
551.7 Additional requirements for installations where the generating set may operate in parallel with other sources including systems for distribution of electricity to the public	12
551.8 Requirements for installations incorporating stationary batteries	14
557 Auxiliary circuits	14
557.1 Scope.....	14
557.2 Terms and definitions.....	14
557.3 Requirements for auxiliary circuits.....	15
557.4 Characteristics of cables and conductors – Minimum cross-sectional areas.....	18
557.5 Requirements for auxiliary circuits used for measurement.....	19
557.6 Functional consideration	20
557.7 Functional safety	22
557.8 EMC	22
559 Luminaires and lighting installations	22
559.1 Scope.....	22
559.2 Terms and definitions.....	22
559.3 General requirements for installations	23
559.4 Protection of the surroundings against thermal effects	23
559.5 Wiring systems for lighting installations	24
559.6 Independent lamp controlgear, e.g. ballasts.....	25
559.7 Compensation capacitors	26
559.8 Protection against electric shock for display stands for luminaires.....	26
559.9 Stroboscopic effect	26
559.10 Ground recessed luminaires.....	26
Annex A (informative) List of notes concerning certain countries.....	27
Annex B (informative) Explanation of symbols used in luminaires, in controlgear for luminaires and in the installation of the luminaires	33
Bibliography	35
Figure 557.1 – Auxiliary circuit supplied directly from the main circuit	15
Figure 557.2 – Auxiliary circuit supplied via rectifier from the main circuit.....	16
Figure 557.3 – Auxiliary circuit supplied from the main circuit via transformer.....	16
Figure 557.4 – Configuration of an auxiliary circuit	21

Table 557.1 – Minimum cross-sectional area of copper conductors in mm²19

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ELECTRICAL INSTALLATIONS OF BUILDINGS –**Part 5-55: Selection and erection of electrical equipment –
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This Consolidated version of IEC 60364-5-55 bears the edition number 2.2. It consists of the second edition (2011-12) [documents 64/1805/FDIS and 64/1813/RVD], its amendment 1 (2012-10) [documents 64/1831/FDIS and 64/1863/RVD] and its amendment 2 (2016-07) [documents 64/2085/CDV and 64/2126/RVC]. The technical content is identical to the base edition and its amendments.

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendments 1 and 2. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

International Standard IEC 60364-5-55 has been prepared by IEC technical committee 64: Electrical installations and protection against electric shock.

The major technical changes with respect to the previous edition are listed below:

- additional requirements for connection of luminaires to the fixed wiring;
- modification of requirements regarding the fixing of luminaires;
- inclusion of alternative solutions for connecting devices used for through wiring and for connection of luminaires to the supply;
- withdrawal of Clause 556, as IEC 60364-5-56 now covers this matter.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60364 series, under the general title *Low-voltage electrical installations*, can be found on the IEC website.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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ELECTRICAL INSTALLATIONS OF BUILDINGS –

Part 5-55: Selection and erection of electrical equipment – Other equipment

550 Introduction

550.1 Scope

This part of IEC 60364 ~~covers~~ specifies requirements and recommendations for the selection and erection of low-voltage ~~generating sets and for the selection and erection of luminaires and lighting installations~~ electric equipment not covered by other parts of IEC 60364-5, intended to be part of the fixed installation.

550.2 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 60038, IEC standard voltages

IEC 60050-195, *International Electrotechnical Vocabulary – Part 195: Earthing and protection against electric shock*

IEC 60050-826, *International Electrotechnical Vocabulary – Part 826: Electrical installations*

IEC 60079 (all parts), *Explosive atmospheres*

IEC 60245-3, *Rubber insulated cables – Rated voltages up to and including 450/750 V – Part 3: Heat resistant silicone insulated cables*

IEC 60331-11, *Tests for electric cables under fire conditions – Circuit integrity – Part 11: Apparatus – Fire alone at a flame temperature of at least 750 °C*

IEC 60331-21, *Tests for electric cables under fire conditions – Circuit integrity – Part 21: Procedures and requirements – Cables of rated voltage up to and including 0,6/1,0 kV*

IEC 60364-1:2005, *Low-voltage electrical installations – Part 1: Fundamental principles, assessment of general characteristics, definitions*

IEC 60364-4-41:2005, *Low-voltage electrical installations – Part 4-41: Protection for safety – Protection against electric shock*

IEC 60364-4-42, *Low-voltage electrical installations – Part 4-42: Protection for safety – Protection against thermal effects*

IEC 60364-4-43:2008, *Low-voltage electrical installations – Part 4-43: Protection for safety – Protection against overcurrent*

IEC 60364-4-44:2007, *Low-voltage electrical installations – Part 4-44: Protection for safety – Protection against voltage disturbances and electromagnetic disturbances*

IEC 60364-5-52:2009, *Low-voltage electrical installations – Part 5-52: Selection and erection of electrical equipment – Wiring systems*

IEC 60364-5-53:2001, *Electrical installations of buildings – Part 5-53: Selection and erection of electrical equipment – Isolation, switching and control*