

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Cable cleats for electrical installations**

**Brides de câbles pour installations électriques**

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# INTERNATIONAL STANDARD

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

ICS 29.120.20

ISBN 978-2-8322-3012-1

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## CABLE CLEATS FOR ELECTRICAL INSTALLATIONS

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International Standard IEC 61914 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 2009. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Additional declaration and test for lateral load retention depending on cleat mounting orientation with associated new figures;
- b) Additional declaration of the distance between the cable centres in any short-circuit test and associated new figures;
- c) Specification of the cable to be used in short-circuit testing and relaxation of the ambient temperature limits for the test;
- d) Additional requirement to photograph the short-circuit test arrangement before and after the test and to record more complete details of the cable used;

e) Revised parameters for the test of resistance to UV light.

This edition also includes the following editorial changes with respect to the previous edition:

- f) Revised and updated normative references and bibliography;
- g) Editorial clarification of definitions;
- h) Editorial clarification of procedures for selection of test samples and the testing of cleats designed for more than one cable;
- i) Relaxation of some mandrel material requirements;
- j) Clarification of the inspection requirements following a short-circuit test and adding the option of either a.c. or d.c. voltage testing following a second short-circuit;
- k) Clarification that the resistance to corrosion test applies to all types of fixing;
- l) New cleat example illustration;
- m) Limitations of use of the formulae in Annex B added.

The text of this standard is based on the following documents:

FDIS	Report on voting
23A/786/FDIS	23A/795/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

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

In this standard, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- notes: in smaller roman type.

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