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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 42394-2023

Cable cleats for electrical installations

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Table of Contents

Preface	
1 Scope	1
2 Normative references	1
3 Terms, Definitions and Abbreviations	2
4 General requirements	4
5 General conditions of the test	4
6 categories	5
7 Signs and documents	8
8 structure	9
9 mechanical properties	9
10 Fire Hazard	17

foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents"

drafting:

This document is modified to adopt IEC 61914:2021 "Cable Clamps for Electrical Installations":

The technical differences between this document and IEC 61914:2021 and their reasons are as follows:

--- Replace IEC 60060-1:2010 with the normative referenced GB/T 16927:1-2011 (see 9:5:3), one between the two documents

The degree of consistency is revised to adapt to the technical conditions of our country:

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

1 Scope

This document specifies cable clamps for fixing cables in electrical installations and intermediate fixings for fastening cables together in electrical installations

Fixture requirements and test methods: Where declared, the cable clamp can withstand

electric forces: This document applies to the safety

Cable clamps for axial and/or lateral retention of cables on the mounting surface:

Appendix A shows various types of cable clamps and intermediate fixing clamps:

Note: The requirements for manufacturers in this document also apply to relevant importers and responsible suppliers:

This document does not apply to cable ties:

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text: Among them, dated references

For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

this document:

GB/T 16927:1-2011 High Voltage Test Technology Part 1: General Definitions and Test Requirements (IEC 60060-1:2010, MOD)

ISO 1461 Technical requirements and test methods for hot-dip galvanized coatings on steel parts with metallic coatings (Hotdipgalvanized

Note: GB/T 13912-2020 Technical requirements and test methods for hot-dip galvanized coatings on steel parts with metal coatings (ISO 1461:2009, MOD)

Note: GB/T 9799-2011 Metals and other inorganic coatings treated zinc electroplating coatings on steel (ISO 2081:2008, IDT)

ISO 3575 Commercial grade and drawing grade continuous hot-dip galvanized and zinc-iron alloy coated carbon steel sheet (Continuous hot-dip zinc-coated

ISO 4287 Geometric product specification (GPS) surface structure: profilometry terms, definitions and surface structure parameters

Note: GB/T 3505-2009 Product Geometric Specifications (GPS) Surface Structure Profile Method Terms, Definitions and Surface Structure Parameters (ISO 4287: 1997, IDT)

ISO 4892-2 Laboratory light source exposure test method for plastics Part 2: Xenon arc lamp (Plastics-Method of exposure

Note: GB/T 16422:2-2022 Plastic Laboratory Light Source Exposure Test Method Part 2:

Xenon Arc Lamp (ISO 4892-2:2013, IDT)

ISO 4998 Continuous hot-dip galvanized and zinc-iron alloy coated carbon steel sheets of structural quality (Continuous hot-dip zinc-coated and tests)

Note: GB/T 10125-2021 Artificial atmosphere corrosion test salt spray test (ISO 9227:2017, MOD)

ISO 14713-1 Guidelines and recommendations for corrosion protection of steel structures with zinc cladding - Part 1: Basic principles of design and corrosion protection