

INTERNATIONAL STANDARD

NORME INTERNATIONALE



Conductors for overhead lines – Coated or clad metallic wire for concentric lay stranded conductors

Conducteurs pour lignes aériennes – Fil métallique revêtu ou recouvert pour conducteurs toronnés à couches concentriques



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONDUCTORS FOR OVERHEAD LINES – COATED OR CLADDED
METALLIC WIRE FOR CONCENTRIC LAY STRANDED CONDUCTORS****FOREWORD**

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IEC 63248 has been prepared by IEC technical committee 7: Overhead electrical conductors. It is an International Standard.

This first edition cancels and replaces the first edition of IEC 61232 published in 1993 and the first edition of IEC 60888 published in 1987. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous editions of IEC 61232 and IEC 60888:

- a) wire designations have been modified and grouped;
- b) wires with zinc coating class 2 were removed;
- c) new wire designations have been added;
- d) aluminium-clad FeNi36 wires have been added;
- e) advanced zinc-aluminium alloy coated steel wires have been added.

The text of this International Standard is based on the following documents:

Draft	Report on voting
7/715/FDIS	7/720/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

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INTRODUCTION

The purpose of this document is to group together similar wire materials that share the same general characteristics and therefore the same test procedures and requirements. Included in this document are existing wire types from IEC 60888 and IEC 61232 as well as new wire materials that are already in use around the world in new types of conductors.

Zinc coating class 2 according to IEC 60888 has not been included in this document, as the demand for this class of zinc coating is extremely rare. Extra corrosion protection can be provided by other means, including the use of zinc-aluminium alloy coatings.