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colour inside

Specifications for particular types of winding wires – Part 59: Polyamide-imide enamelled round copper wire, class 240

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SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 59: Polyamide-imide enamelled round copper wire, class 240

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IEC 60317-59 edition 1.1 contains the first edition (2015-11) [documents 55/1502/CDV and 55/1529/RVC] and its amendment 1 (2024-06) [documents 55/1997/CDV and 55/2033/RVC].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. 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 60317-59 has been prepared by IEC technical committee 55: Winding wires.

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

This International Standard is to be read in conjunction with IEC 60317-0-1:2013 and its Amendment 1:2019.

A list of all the parts in the IEC 60317 series, published under the general title *Specifications for particular types of winding wires*, can be found on the IEC website.

The numbering of clauses in this standard is not continuous between Clauses 20 and 30 in order to reserve space for possible future wire requirements prior to those for wire packaging.

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INTRODUCTION

This part of IEC 60317 is one of a series which deals with insulated wires used for windings in electrical equipment. The series has three groups describing:

1) Winding wires – Test methods (IEC 60851 series);
2) Specifications for particular types of winding wires (IEC 60317 series);
3) Packaging of winding wires (IEC 60264 series).

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 59: Polyamide-imide enamelled round copper wire, class 240

1 Scope

This part of IEC 60317 specifies the requirements of enamelled round copper winding wire of class 240 with a single coating of polyamide-imide resin.

The range of nominal conductor diameters covered by this part of IEC 60317 is:

– grade 1: 0,180 mm up to and including 1,600 mm;
– grade 2: 0,180 mm up to and including 1,600 mm.

The nominal conductor diameters are specified in Clause 4 of IEC 60317-0-1:2013.

2 Normative references

~~The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application.~~ The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 60317-0-1[1]:2013, *Specifications for particular types of winding wires – Part 0-1: General requirements – Enamelled round copper wire*.
IEC 60317-0-1:2013/AMD1:2019

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