

INTERNATIONAL STANDARD

**Polyvinyl chloride insulated cables of rated voltages up to and including
450/750 V –
Part 3: Non-sheathed cables for fixed wiring**





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CONTENTS

| | |
|---|----|
| FOREWORD..... | 4 |
| INTRODUCTION..... | 6 |
| 1 Scope..... | 7 |
| 2 Normative references | 7 |
| 3 Terms and definitions | 8 |
| 4 Single-core non-sheathed cable with rigid conductor for general purposes | 8 |
| 4.1 Code designation | 8 |
| 4.2 Rated voltage | 8 |
| 4.3 Construction | 9 |
| 4.3.1 Conductors | 9 |
| 4.3.2 Insulation..... | 9 |
| 4.3.3 Overall diameter | 9 |
| 4.4 Tests | 10 |
| 4.5 Guidance on use..... | 10 |
| 5 Single-core non-sheathed cable with flexible conductor for general purposes | 11 |
| 5.1 Code designation | 11 |
| 5.2 Rated voltage | 11 |
| 5.3 Construction | 11 |
| 5.3.1 Conductors | 11 |
| 5.3.2 Insulation..... | 11 |
| 5.3.3 Overall diameter | 12 |
| 5.4 Tests | 12 |
| 5.5 Guidance on use..... | 12 |
| 6 Single-core non-sheathed cable with solid conductor for internal wiring for a conductor temperature of 70 °C | 13 |
| 6.1 Code designation | 13 |
| 6.2 Rated voltage | 13 |
| 6.3 Construction | 13 |
| 6.3.1 Conductors | 13 |
| 6.3.2 Insulation..... | 14 |
| 6.3.3 Overall diameter | 14 |
| 6.4 Tests | 14 |
| 6.5 Guidance on use..... | 14 |
| 7 Single-core non-sheathed cable with flexible conductor for internal wiring for a conductor temperature of 70 °C | 15 |
| 7.1 Code designation | 15 |
| 7.2 Rated voltage | 15 |
| 7.3 Construction | 15 |
| 7.3.1 Conductors | 15 |
| 7.3.2 Insulation..... | 16 |
| 7.3.3 Overall diameter | 16 |
| 7.4 Tests | 16 |
| 7.5 Guidance on use..... | 16 |
| 8 Single-core non-sheathed cable with solid conductor for internal wiring for a conductor temperature of 90 °C | 17 |
| 8.1 Code designation | 17 |
| 8.2 Rated voltage | 17 |

| | | |
|-------|---|----|
| 8.3 | Construction | 17 |
| 8.3.1 | Conductors | 17 |
| 8.3.2 | Insulation..... | 17 |
| 8.3.3 | Overall diameter | 18 |
| 8.4 | Tests | 18 |
| 8.5 | Guidance on use..... | 18 |
| 9 | Single-core non-sheathed cable with flexible conductor for internal wiring for a conductor temperature of 90 °C | 19 |
| 9.1 | Code designation | 19 |
| 9.2 | Rated voltage | 19 |
| 9.3 | Construction | 19 |
| 9.3.1 | Conductors | 19 |
| 9.3.2 | Insulation..... | 19 |
| 9.3.3 | Overall diameter | 20 |
| 9.4 | Tests | 20 |
| 9.5 | Guidance on use..... | 20 |
| | Bibliography..... | 22 |
| | Table 1 – General data for type 60227 IEC 01 | 10 |
| | Table 2 – Tests for type 60227 IEC 01 | 11 |
| | Table 3 – General data for type 60227 IEC 02 | 12 |
| | Table 4 – Tests for type 60227 IEC 02 | 13 |
| | Table 5 – General data for type 60227 IEC 05 | 14 |
| | Table 6 – Tests for type 60227 IEC 05 | 15 |
| | Table 7 – General data for type 60227 IEC 06 | 16 |
| | Table 8 – Tests for type 60227 IEC 06 | 17 |
| | Table 9 – General data for type 60227 IEC 07 | 18 |
| | Table 10 – Tests for type 60227 IEC 07 | 19 |
| | Table 11 – General data for type 60227 IEC 08 | 20 |
| | Table 12 – Tests for type 60227 IEC 08 | 21 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**POLYVINYL CHLORIDE INSULATED CABLES
OF RATED VOLTAGES UP TO AND INCLUDING 450/750 V –****Part 3: Non-sheathed cables for fixed wiring**

FOREWORD

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IEC 60227-3 has been prepared by IEC technical committee 20: Electric cables. It is an International Standard.

This third edition cancels and replaces the second edition published in 1992 and Amendment 1:1997. This edition constitutes a technical revision.

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

- a) the reference to tests according to IEC 60227-2 has been withdrawn and replaced with a reference to IEC 63294;
- b) normative references have been updated.

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

| Draft | Report on voting |
|--------------|------------------|
| 20/2141/FDIS | 20/2154/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/publications.

A list of all parts in the IEC 60227 series, published under the general title *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*, can be found on the IEC website.

This document is to be used in conjunction with IEC 60227-1.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

INTRODUCTION

The IEC 60227 series, published under the general title *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V*, consists of the following parts:

IEC 60227-1: General requirements;

IEC 60227-2: Test methods (withdrawn and replaced by IEC 63294);

IEC 60227-3: Non-sheathed cables for fixed wiring;

IEC 60227-4: Sheathed cables for fixed wiring;

IEC 60227-5: Flexible cables (cords);

IEC 60227-6: Lift cables and cables for flexible connections;

IEC 60227-7: Flexible cables screened and unscreened with two or more conductors and of rated voltages up to and including 300/500 V.

This part of IEC 60227, when used in conjunction with IEC 60227-1, forms the complete standard for non-sheathed cables for fixed wiring.