SLOVENSKI STANDARD
SIST HD 402 S2:1998

01-april-1998

Standard colours for thermoplastic materials used for the insulation for low-frequency cables and wires

Standard colours for insulation for low-frequency cables and wires

Standardfarben der PVC-Isolierung von Niederfrequenz-Kabeln und Drähten

Couleurs de référence de l'enveloppe isolante pour câbles et fils pour basses fréquences

Ta slovenski standard je istoveten z: **HD 402 S2:1984**

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STANDARD COLOURS FOR THERMOPLASTIC MATERIALS USED FOR THE INSULATION FOR LOW-FREQUENCY CABLES AND WIRES

Couleurs de référence de l'enveloppe isolante thermoplastique des câbles et fils utilisés en basse fréquence

Standardfarben der PVC-Isolierung von Niederfrequenz-Kabeln und Drähten

BODY OF HD

The Harmonization Document consists of:

- IEC 304 (1982) **edition 3; IEC/SC 46C,** not appended

This Harmonization Document was approved by CENELEC on **1 March 1984.**

The English and French versions of this HD are provided by the text of the IEC publication and the German version is the official translation of the IEC text.

According to the CENELEC Internal Regulations the CENELEC member National Committees are bound:

to announce the existence of this Harmonization Document at national level

by or before **1984-09-01**

to publish their new harmonized national standard

by or before **1985-09-01**

to withdraw all conflicting national standards

by or before **1985-09-01.**

Harmonized national standards are listed on the HD information sheet, which is available from the CENELEC National Committees or from the CENELEC General Secretariat.

The CENELEC National Committees are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

INTERNATIONAL STANDARD

IEC 60304

Third edition
1982

Standard colours for insulation for low-frequency cables and wires

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

STANDARD COLOURS FOR INSULATION FOR LOW-FREQUENCY CABLES AND WIRES

FOREWORD

1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.

2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.

3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

PREFACE TO THE FIRST EDITION

This standard has been prepared by Sub-Committee 46C: Low-frequency Cables and Wires, of IEC Technical Committee No. 46: Cables, Wires and Waveguides for Telecommunication Equipment.

Following the discussions of a first draft at the meeting held in Baden-Baden in 1965, a revised draft was sent through the IEC Central Office to the C.C.I.T.T. for consideration. As the great majority of postal administrations approached had signified their acceptance, the draft was submitted to the National Committees for approval under the Six Months' Rule in June 1967, then under the Two Months' Procedure in May 1968.

The following countries voted explicitly in favour of the publication:

Australia
Austria
Belgium
Canada
Denmark
Finland
France
Germany
Iran
Israel
Italy
Japan
Korea (Democratic People's Republic of)
Netherlands
Norway
Sweden
Switzerland
Turkey
Union of Soviet Socialist Republics
United Kingdom
United States of America

PREFACE TO THE SECOND EDITION

This standard forms the second edition of IEC Publication 304 (1969).

Following the discussions of the meeting held in Florence in 1978, it was agreed to incorporate the amendments submitted to the National Committees for approval under the Six Months' Rule in February 1976 and March 1977 into a new edition.

The decision to consider a numerical code for colour abbreviated designations was taken during the Ljubljana meeting in 1972.

The draft, Document 46C(Central Office)77, was submitted to the National Committees for approval under the Six Months' Rule in February 1976.

The following countries voted explicitly in favour of publication:

Australia	Japan
Austria	Netherlands
Belgium	Norway
Bulgaria	Poland
Canada	Romania
Czechoslovakia	Switzerland
Denmark	Turkey
Egypt	Union of Soviet Socialist Republics
France	United Kingdom
Israel	United States of America
Italy	Yugoslavia

During the Bucharest meeting in September 1974, it was decided that the National Committees should be asked whether they agreed that the colour "pink" be added to the range of standard colours in Publication 304.

The draft, Document 46C(Central Office)79, was submitted to the National Committees for approval under the Six Months' Rule in March 1977.

The following countries voted explicitly in favour of publication:

Australia	Netherlands
Austria	Norway
Belgium	Romania
Czechoslovakia	Spain
Denmark	Sweden
Egypt	Switzerland
France	Turkey
Germany	United Kingdom
Italy	United States of America
Japan	

PREFACE TO THE THIRD EDITION

This third edition comprises the second edition, issued in 1978, and Amendment No. 1, issued in 1981.

The amendments, which were discussed by Sub-Committee 46C of IEC Technical Committee No. 46, were circulated for approval under the Six Months' Rule in May 1980 as Document 46C(Central Office)122.

The National Committees of the following countries voted explicitly in favour of the publication:

Austria	Romania
Belgium	Spain
Canada	Sweden
France	Turkey
Germany	Union of Soviet Socialist Republic
Italy	United Kingdom
Netherlands	United States of America
New Zealand	
Norway	

COULEURS DE RÉFÉRENCE DE L'ENVELOPPE ISOLANTE POUR CÂBLES ET FILS POUR BASSES FRÉQUENCES

1. Domaine d'application

La présente norme s'applique aux enveloppes isolantes en thermoplastiques des câbles et fils utilisés en basses fréquences.

2. Objet

A pour but de donner les couleurs de référence à utiliser pour les enveloppes isolantes des câbles et fils pour basses fréquences.

Note. — Les couleurs des enveloppes isolantes doivent correspondre d'assez près aux couleurs de référence.

3. Code numérique de désignation abrégée

Pour simplifier l'écriture des couleurs de référence, celles-ci peuvent être désignées par les chiffres suivants:

0 = noir	6 = bleu
1 = brun	7 = violet
2 = rouge	8 = gris
3 = orange	9 = blanc
4 = jaune	22 = rose
5 = vert	55 = turquoise

Pour la désignation des fils bicolores, les chiffres correspondant aux deux couleurs seront juxtaposés.

Les différents éléments des fils ou des câbles à plusieurs conducteurs seront séparés par le signe plus (+).

Par exemple, on pourra écrire:

20	pour un fil bicolore rouge-noir.
225	pour un fil bicolore rose-vert.
922	pour un fil bicolore blanc-rose.
2 + 0	pour une paire composée d'un fil rouge et d'un fil noir.
9 + 6 + 3	pour une tierce composée d'un fil blanc, d'un fil bleu et d'un fil orange.

STANDARD COLOURS FOR INSULATION FOR LOW-FREQUENCY CABLES AND WIRES

1. Scope

This standard applies to thermoplastic insulation to be used with low-frequency cables and wires.

2. Object

To give the standard colours to be used for insulation of low-frequency cables and wires.

Note. — Colours of insulation shall correspond reasonably to the standard colours.

3. Numerical code for abbreviated designation

To simplify the use of standard colours, they can be designated by the following figures:

0 = black	6 = blue
1 = brown	7 = violet
2 = red	8 = grey
3 = orange	9 = white
4 = yellow	22 = pink
5 = green	55 = turquoise

For the designation of bicoloured wire the figures corresponding to the two colours will be placed side by side.

For multi-conductor cables or wires the figures will be separated by the sign plus (+).

For example one can write:

20	for a red-black bicoloured wire.
225	for a pink-green bicoloured wire.
922	for a white-pink bicoloured wire.
2 + 0	for a pair with a red wire and a black wire.
9 + 6 + 3	for a triple with a white wire, a blue wire and an orange wire.