

Preferred diameters of wire terminations of capacitors and resistors

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EUROPEAN COMMITTEE FOR ELECTROTECHNICAL STANDARDIZATION

CENELEC HARMONIZATION DOCUMENT

HD 349

IEC 301 (1971 - 2nd edition)Preferred diameters of wire terminations of capacitors
and resistorsAmendment No.1 (1972)

This Harmonization Document was adopted by CENELEC on 1976-06-30.

The National Electrotechnical Committees, members of CENELEC, in

A : Austria
 B : Belgium
 CH : Switzerland
 D : Germany
 DK : Denmark
 F : France
 I : Italy
 IRL : Ireland
 N : Norway
 NL : Netherlands
 P : Portugal
 S : Sweden
 SF : Finland
 UK : United Kingdom

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Reference of the
 relevant
 National Harmonized
 Standards
 overleaf

are obliged, in accordance with the CENELEC Internal Regulations,
 to implement this Harmonization Document in their respective
 country by

- Issuing harmonized national standard(s) and/or
- Withdrawing conflicting national standard(s)

Latest date of implementation : 1977-07-01

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60301

Deuxième édition
Second edition
1971-01

Valeurs préférentielles des diamètres des fils
de sorties des condensateurs et résistances

Preferred diameters of wire terminations
of capacitors and resistors
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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PREFERRED DIAMETERS OF WIRE TERMINATIONS OF CAPACITORS
AND RESISTORS**

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 this international unification, the IEC expresses the wish that all National Committees having as yet no national rules, when preparing such rules, should use the IEC recommendations as the fundamental basis for these rules in so far as national conditions will permit.
- 4) The desirability is recognized of extending international agreement on these matters through an endeavour to harmonize national standardization rules with these recommendations in so far as national conditions will permit. The National Committees pledge their influence towards that end.

PREFACE

This Recommendation has been prepared by IEC Technical Committee No. 40, Capacitors and Resistors for Electronic Equipment.

A first draft of the first edition, prepared by the Secretariat, was discussed during the meetings held in Tokyo in 1965 and in Hamburg in 1966. As a result of this latter meeting, a new draft was submitted to the National Committees for approval under the Six Months' Rule in November 1966. The comments received were discussed at the meeting held in Prague in 1967. Amendments were submitted to the National Committees for approval under the Two Months' Procedure in May 1968.

The following countries voted explicitly in favour of publication of the first edition

Australia	Japan
Austria	Korea (Democratic People's Republic of)
Belgium	Korea (Republic of)
Canada	Netherlands
Czechoslovakia	Poland
Denmark	South Africa
Finland	Sweden
France	Turkey
Hungary	United Kingdom
Iran	United States of America
Israel	Yugoslavia
Italy	

A first draft of the revised table was discussed at the meeting held in Paris in 1969, as a result of which a new draft was submitted to the National Committees for approval under the Six Months' Rule in September 1969.

The following countries voted explicitly in favour of publication of the revised table :

Australia	Japan
Austria	Netherlands
Belgium	South Africa
Canada	Sweden
Czechoslovakia	Turkey
Denmark	Union of Soviet
France	Socialist Republics
Germany	United Kingdom
Hungary	United States of America
Israel	Yugoslavia

PREFERRED DIAMETERS OF WIRE TERMINATIONS OF CAPACITORS AND RESISTORS

1. Scope

This Recommendation gives a series of preferred diameters of wire terminations of capacitors and resistors.

2. Preferred diameters of wire terminations

mm			in		
Min.	Nominal	Max.	Min.	Nominal	Max.
0.25	0.3	0.33	0.010	0.012	0.013
0.35	0.4	0.44	0.014	0.016	0.018
0.45	0.5	0.55	0.018	0.020	0.022
0.55	0.6	0.66	0.023	0.025	0.027
0.65	0.7	0.77	0.026	0.028	0.030
0.75	0.8	0.88	0.030	0.032	0.034
0.95	1.0	1.10	0.038	0.040	0.042
1.15	1.2	1.30	0.043	0.045	0.049

Note. — The metric and inch-pound unit sizes in the above table represent standard wire gauges in their respective systems and are approximately equivalent.

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1971

AMENDEMENT 1
AMENDMENT 1

1972-12

Amendement 1

**Valeurs préférentielles des diamètres des sorties
par fils des condensateurs et résistances**

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Amendment 1
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