SLOVENSKI STANDARD
SIST EN 60352-2:2006/A1:2014

01-februar-2014

Nespajkani spoji - 2. del: Nespajkani stisnjeni spoji - Splošne zahteve, preskusne metode in praktični napotki - Dopolnilo A1 (IEC 60352-2:2006/A1:2013)

Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance

Lötfreie Verbindungen - Teil 2: Crimpverbindungen - Allgemeine Anforderungen, Prüfverfahren und Anwendungshinweise

Connexions sans soudure - Partie 2: Connexions serties - Exigences générales, méthodes d'essai et guide pratique

Ta slovenski standard je istoveten z: **EN 60352-2:2006/A1:2013**

ICS:

29.120.20	Spojni elementi	Connecting devices

SIST EN 60352-2:2006/A1:2014 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60352-2/A1

September 2013

ICS 31.220.10

English version

Solderless connections - Part 2: Crimped connections - General requirements, test methods and practical guidance (IEC 60352-2:2006/A1:2013)

Connexions sans soudure -
Partie 2: Connexions serties -
Exigences générales, méthodes d'essai et guide pratique
(CEI 60352-2:2006/A1:2013)

Lötfreie Verbindungen -
Teil 2: Crimpverbindungen -
Allgemeine Anforderungen, Prüfverfahren und Anwendungshinweise
(IEC 60352-2:2006/A1:2013)

This amendment A1 modifies the European Standard EN 60352-2:2006; it was approved by CENELEC on 2013-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels

Ref. No. EN 60352-2:2006/A1:2013 E

Foreword

The text of document 48B/2340/FDIS, future IEC 60352-2:2006/A1, prepared by SC 48B, "Connectors", of IEC TC 48, "Electromechanical components and mechanical structures for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60352-2:2006/A1:2013.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2014-05-01
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2016-08-01

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Endorsement notice

The text of the International Standard IEC 60352-2:2006/A1:2013 was approved by CENELEC as a European Standard without any modification.

IEC 60352-2

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Solderless connections – Part 2: Crimped connections – General requirements, test methods and practical guidance

Connexions sans soudure – Partie 2: Connexions serties – Exigences générales, méthodes d'essai et guide pratique

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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FOREWORD

This amendment has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

The text of this amendment is based on the following documents:

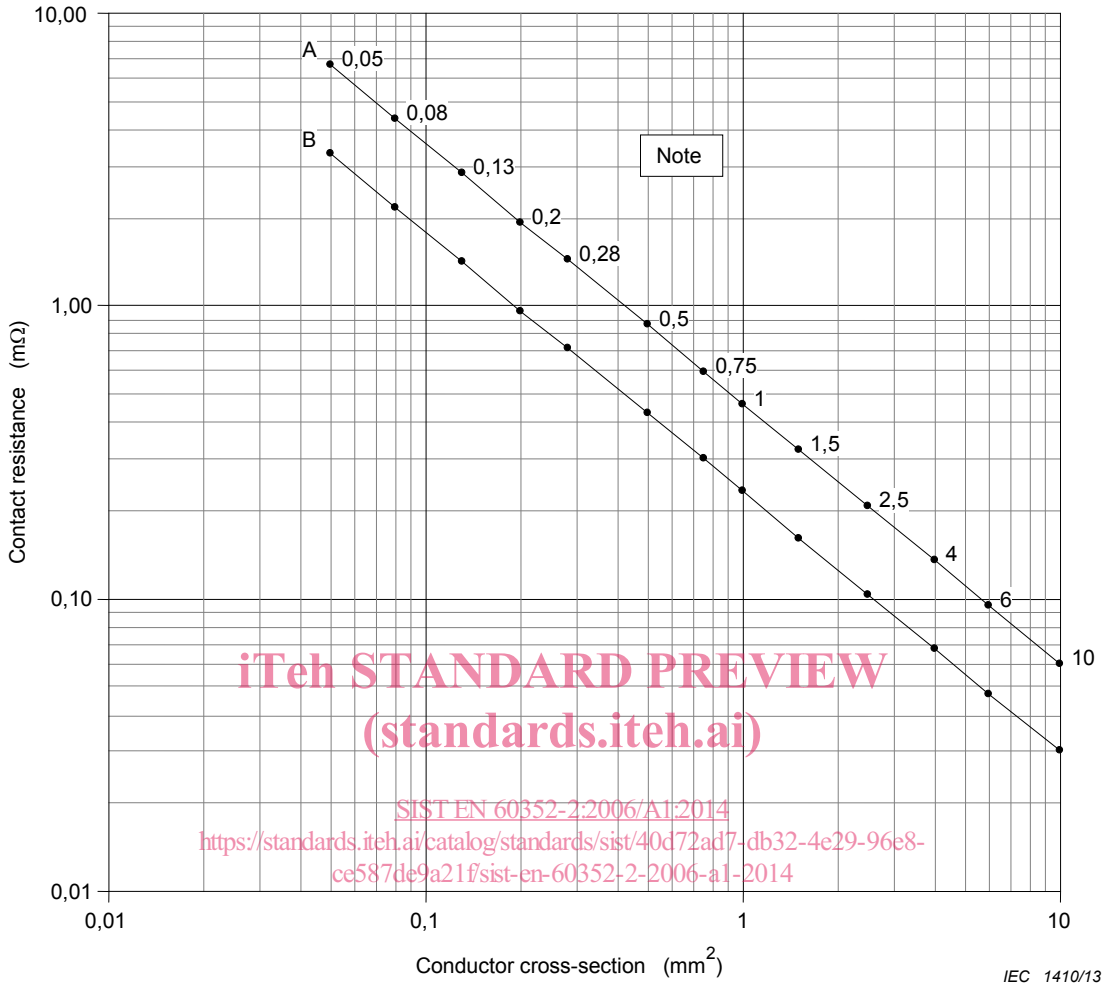
FDIS	Report on voting
48B/2340/FDIS	48B/2348/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

Replace existing Figure 6 with the following:



Curve A: Values for initial contact resistance, maximum.

Curve B: Values for maximum change in resistance after electrical or climatic conditioning.

NOTE Numbers indicate specific conductor cross-sections in mm^2.

The lines for maximum initial contact resistance (A) and maximum change in resistance after electrical or climatic conditioning (B) are based on the following equations. These formulas may be used in place of the graph in Figure 6 to determine the maximum allowed initial resistance and post-conditioning change in resistance values.

$A = 0{,}4596 \times C^{-0{,}8843}$

$B = A / 2$

Where:

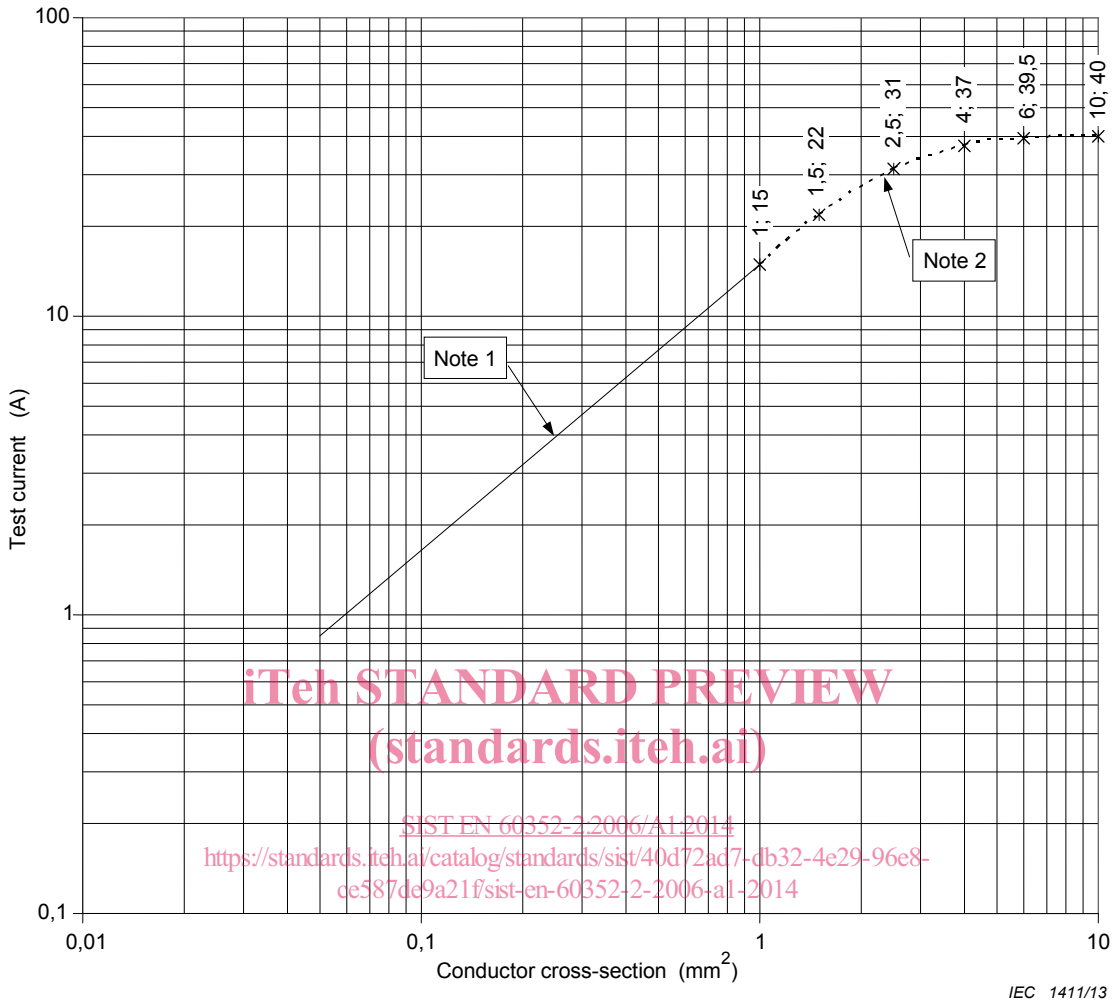
A is the maximum allowed initial resistance, in milliohms (mΩ);

B is the maximum allowed change in resistance, in milliohms (mΩ);

C is the wire cross-section, in mm^2.

Figure 6 – Contact resistance R_C of crimped connections with copper barrels and copper conductor (K = 1)

Replace existing Figure 8 with the following:



NOTE 1 Test current = $15xC^{0,958}$ for conductor cross-sections from 0,05 mm^2 to 1 mm^2, where C is the wire cross-section in mm^2

NOTE 2 Test current references for conductor cross-sections above 1 mm^2.

Figure 8 – Test current for crimped connections