

<b>STN</b>	<b>Technológia povrchovej montáže Časť 4: Klasifikácia, balenie, označovanie a manipulácia so súčiastkami citlivými na vlhkosť Zmena A1</b>	<b>STN EN 61760-4/A1</b>  35 9310
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Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/19

STN EN 61760-4 z decembra 2015 sa bez tejto zmeny A1 môže používať do 17. 4. 2021.

Obsahuje: EN 61760-4:2015/A1:2018, IEC 61760-4:2015/AMD1:2018

**127802**

EUROPEAN STANDARD

**EN 61760-4:2015/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2018

ICS 31.190

English Version

**Surface mounting technology - Part 4: Classification, packaging,  
labelling and handling of moisture sensitive devices  
(IEC 61760-4:2015/A1:2018)**

Technique du montage en surface (SMT) - Partie 4:  
Classification, emballage, étiquetage et manipulation des  
dispositifs sensibles à l'humidité  
(IEC 61760-4:2015/A1:2018)

Oberflächenmontagetechnik - Teil 4: Klassifikation,  
Verpackung, Kennzeichnung und Handhabung  
feuchteempfindlicher Bauteile  
(IEC 61760-4:2015/A1:2018)

This amendment A1 modifies the European Standard EN 61760-4:2015; it was approved by CENELEC on 2018-04-17. 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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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 61760-4:2015/A1:2018 (E)****European foreword**

The text of document 91/1419/CDV, future edition 1 of IEC 61760-4:2015/A1, prepared by IEC/TC 91 "Electronics assembly technology" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61760-4:2015/A1:2018.

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) 2019-01-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-04-17

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**Endorsement notice**

The text of the International Standard IEC 61760-4:2015/A1:2018 was approved by CENELEC as a European Standard without any modification.

*Replace the Bibliography of EN 61760-4:2015 by the following:*

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60068-2-58:2015	NOTE	Harmonized as EN 60068-2-58:2015 (not modified).
IEC 60068-2-78	NOTE	Harmonized as EN 60068-2-78.
IEC 60749-20-1	NOTE	Harmonized as EN 60749-20-1.
ISO 62	NOTE	Harmonized as EN ISO 62.

Replace Annex ZA of EN 61760-4:2015 by the following:

**Annex ZA**  
(normative)

**Normative references to international publications  
with their corresponding European publications**

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.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-1	-	Environmental testing -- Part 1: General and guidance	EN 60068-1	-
IEC 60749-20	-	Semiconductor devices - Mechanical and climatic test methods -- Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat	EN 60749-20	-
IEC 61340-5-1	-	Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements	EN 61340-5-1	-
IEC 61760-2	-	Surface mounting technology -- Part 2: Transportation and storage conditions of surface mounting devices (SMD) - Application guide	EN 61760-2	-
IPC/JEDEC J-STD-020E	2015	Moisture/Reflow Sensitivity Classification for Nonhermetic Solid State Surface Mount Devices	-	-



IEC 61760-4

Edition 1.0 2018-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 1  
AMENDEMENT 1

**Surface mounting technology –  
Part 4: Classification, packaging, labelling and handling of moisture sensitive  
devices**

**Technique du montage en surface (SMT) –  
Partie 4: Classification, emballage, étiquetage et manipulation des dispositifs  
sensibles à l'humidité**





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## FOREWORD

This amendment has been prepared by IEC technical committee 91: Electronics assembly technology.

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

CDV	Report on voting
91/1419/CDV	91/1486/RVC

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 website 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.

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## CONTENTS

*Add Subclause 6.4.3*

## INTRODUCTION

*Add the following text as the last paragraph:*

It is important to note that moisture sensitivity levels existing in both J-STD 020 and IEC 61760-4 are equivalent.

## 2 Normative references

*Delete the following reference:*

IPC/JEDEC J-STD-020D.1, March 2008, *Moisture/Reflow Sensitivity Classification for Nonhermetic Solid State Surface Mount Devices*

*Add the following reference:*



IEC 61760-4:2015/AMD1:2018

– 3 –

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IPC/JEDEC J-STD-020E, January 2015, *Moisture/Reflow Sensitivity Classification for Nonhermetic Solid State Surface Mount Devices*

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**