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Irish Standard I.S. EN 60352-8:2011

Solderless connections -- Part 8: Compression mount connections -General requirements, test methods and practical guidance (IEC 60352 -8:2011 (EQV))

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EUROPEAN STANDARD

EN 60352-8

NORME EUROPÉENNE EUROPÄISCHE NORM

March 2011

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English version

Solderless connections -Part 8: Compression mount connections -General requirements, test methods and practical guidance (IEC 60352-8:2011)

Connexions sans soudure -Partie 8: Connexions par compression -Exigences générales, méthodes d'essai et guide pratique (CEI 60352-8:2011) Lötfreie Verbindungen -Teil 8: Druckmontage-Verbindungen -Allgemeine Anforderungen, Prüfverfahren und Anwendungshinweise (IEC 60352-8:2011)

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CENELEC

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

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EN 60352-8:2011

- 2 -

Foreword

The text of document 48B/2223/FDIS, future edition 1 of IEC 60352-8, 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 was approved by CENELEC as EN 60352-8 on 2011-03-17.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

The following dates were fixed:

-	latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2011-12-17
_	latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2014-03-17

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60352-8:2011 was approved by CENELEC as a European Standard without any modification.

- 3 -

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-581	2008	International Electrotechnical Vocabulary - Part 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1 + A1	1988 1992	Environmental testing - Part 1: General and guidance	EN 60068-1	1994
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1	-	Connectors for electronic equipment - Tests and measurements - Part 1: General	EN 60512-1	-
IEC 60512-1-100	-	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	-
IEC 61249-2-7	2002	Materials for printed boards and other interconnecting structures - Part 2-7: Reinforced base materials, clad and unclad - Epoxide woven E-glass laminated sheet of defined flammability (vertical burning test), copper-clad	EN 61249-2-7 + corr. September	2002 2005

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- 2 -

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CONTENTS

FOI	REWO)RD		4
INT	NTRODUCTION			
1	Scope and object7			
2	Normative references			7
3	Terms and definitions 7			
4	Requ	irement	ts	8
	1 1	Gener	al	o
	4.1 12	Mounti	ai	0 م
	т. <u>с</u> 43	Compr	ression mount contact	0 8
	4.0	4 3 1	Materials	0 8
		4.3.2	Design features	0
		433	Surface finishes	0
	44	Conne	ctor body	0
		4 4 1	Materials	0
		4.4.2	Design features	9
	4.5	Printed	d wiring board	9
		4.5.1	Materials	9
		4.5.2	Design features	9
		4.5.3	Surface finishes	9
	4.6	Stiffen	er	9
5	Tests	s		9
	5 1	Genera	al	9
	•••	5.1.1	Standard conditions for testing	9
		5.1.2	Mounting of the specimen	10
	5.2	Test a	nd measuring methods	10
	-	5.2.1	General examination	10
		5.2.2	Mechanical tests	10
		5.2.3	Electrical tests	11
		5.2.4	Climatic tests	12
	5.3	Test so	chedule	13
		5.3.1	General	13
		5.3.2	Basic test schedule	14
		5.3.3	Full test schedule	14
6	Pract	ical gui	dance	17
	6.1	Advant	tages for compression mount connection	17
	6.2	Curren	it-carrying capacity	18
	6.3	Compr	ession mount contact	18
	6.4	Conne	ctor housing and printed wiring board	18
		6.4.1	General	18
		6.4.2	Connector housing	18
		6.4.3	Printed wiring board	18
Bibliography 20				
	- 9. 4			_•
Eia	uro 1	Wiring	a arrangement for contact resistance test	12

Figure 1 – Wiring arrangement for contact resistance test	12
Figure 2 – An example of compression mount connection within a connector	17

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Table 1 – Vibration, preferred test severities	11
Table 2 – Group P – basic test	14
Table 3 – Group A – corrosion test	15
Table 4 – Group B – mechanical test	15
Table 5 – Group C – climatic test	16
Table 6 – Group D – current carrying capacity test	16

- 4 -

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SOLDERLESS CONNECTIONS -

Part 8: Compression mount connections – General requirements, test methods and practical guidance

FOREWORD

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International Standard IEC 60352-8 has been prepared by subcommittee 48B: Connectors, of IEC technical committee 48: Electromechanical components and mechanical structures for electronic equipment.

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

FDIS	Report on voting
48B/2223/FDIS	48B/2229/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 60352 series, published under the general title *Solderless connections,* can be found on the IEC website.

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- 5 -

The committee has decided that the contents of this 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.

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- 6 -

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INTRODUCTION

This part of IEC 60352 includes requirements, tests and practical guidance information.

Two test schedules are provided:

A basic test schedule applies to compression mount connections which conform to all of the requirements given in Clause 4.

A full test schedule applies to compression mount connections which are part of a new component and have already passed the basic test schedule or to connections of the same kind which do not fully comply with the requirements of Clause 4.

Requirements given in Clause 4 are derived from experience with successful applications of such compression mount connections.

IEC Guide 109 advocates the need to minimize the impact of a product on the natural environment throughout the product life cycle.

It is understood that some of the materials permitted in this standard may have a negative environmental impact.

As technological advances lead to acceptable alternatives for these materials, they will be eliminated from the standard.



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