



NSAI
Standards

Irish Standard
I.S. EN 60512-99-001:2012

Connectors for electronic equipment -
Tests and measurements -- Part 99
-001: Test schedule for engaging and
separating connectors under electrical
load - Test 99a: Connectors used in
twisted pair communication cabling
with remote power (IEC 60512-99
-001:2012 (EQV))

I.S. EN 60512-99-001:2012

Incorporating amendments/corrigenda issued since publication:

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I.S. xxx: Irish Standard – national specification based on the consensus of an expert panel and subject to public consultation.

S.R. xxx: Standard Recommendation - recommendation based on the consensus of an expert panel and subject to public consultation.

SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD

EN 60512-99-001

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2012

ICS 31.220.10

English version

**Connectors for electronic equipment -
Tests and measurements -
Part 99-001: Test schedule for engaging and separating connectors
under electrical load -
Test 99a: Connectors used in twisted pair communication cabling
with remote power
(IEC 60512-99-001:2012)**

Connecteurs pour équipements
électroniques - Essais et mesures -
Partie 99-001: Programme d'essai relatif
aux connexions et déconnexions
sous charge électrique -
Essai 99a: Connecteurs utilisés
dans le câblage de communication
à paires torsadées permettant
une alimentation à distance
(CEI 60512-99-001:2012)

Steckverbinder für elektronische
Einrichtungen - Mess- und Prüfverfahren -
Teil 99-001: Prüfablaufplan für
Steckverbinder zum Stecken und Ziehen
mit elektrischer Belastung -
Prüfung 99a: Steckverbinder
für die Anwendung in paarverseilter
Kommunikationsverkabelung
mit Fernspeisung
(IEC 60512-99-001:2012)

This European Standard was approved by CENELEC on 2012-09-17. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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.

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 48B/2291/FDIS, future edition 1 of IEC 60512-99-001, prepared by 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 60512-99-001:2012.

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) 2013-06-17
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-09-17

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Endorsement notice

The text of the International Standard IEC 60512-99-001:2012 was approved by CENELEC as a European Standard without any modification.

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

IEC 60512-1-1	NOTE	Harmonised as EN 60512-1-1.
IEC 60512-2-1	NOTE	Harmonised as EN 60512-2-1.
IEC 60512-3-1	NOTE	Harmonised as EN 60512-3-1.
IEC 60512-4-1	NOTE	Harmonised as EN 60512-4-1.
IEC 60512-11-7	NOTE	Harmonised as EN 60512-11-7.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. 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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1-100	-	Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications	EN 60512-1-100	-
IEC 60512-9-3	2011	Connectors for electronic equipment - Tests and measurements - Part 9-3: Endurance tests - Test 9c: Mechanical operation (engaging and separating) with electrical load	EN 60512-9-3	2011
IEC 61156	Series	Multicore and symmetrical pair/quad cables - for digital communications		-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONNECTORS FOR ELECTRONIC EQUIPMENT –
TESTS AND MEASUREMENTS –****Part 99-001: Test schedule for engaging and separating
connectors under electrical load –
Test 99a: Connectors used in twisted pair
communication cabling with remote power**

FOREWORD

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International Standard IEC 60512-99-001 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/2291/FDIS	48B/2306/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 IEC 60512 series, under the general title *Connectors for electronic equipment – Tests and measurements*, can be found on the IEC website.

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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