



**NSAI**  
Standards

Irish Standard  
I.S. EN 61076-3-120:2016

Connectors for electronic equipment -  
Product requirements - Part 3-120:  
Rectangular connectors - Detail specification  
for rewirable power connectors with snap  
locking for rated voltage of 250 V d.c. and  
rated current of 30 A

**I.S. EN 61076-3-120:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

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.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

EN 61076-3-120:2016

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Údarás um Chaighdeáin Náisiúnta na hÉireann

## National Foreword

I.S. EN 61076-3-120:2016 is the adopted Irish version of the European Document EN 61076-3-120:2016, Connectors for electronic equipment - Product requirements - Part 3-120: Rectangular connectors - Detail specification for rewirable power connectors with snap locking for rated voltage of 250 V d.c. and rated current of 30 A

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with this document does not of itself confer immunity from legal obligations.**

*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD

**EN 61076-3-120**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2016

ICS 31.220.10

English Version

**Connectors for electronic equipment - Product requirements -  
Part 3-120: Rectangular connectors - Detail specification for  
rewirable power connectors with snap locking for rated voltage of  
250 V d.c. and rated current of 30 A  
(IEC 61076-3-120:2016)**

Connecteurs pour équipements électroniques - Exigences  
de produit - Partie 3-120: Connecteurs rectangulaires -  
Spécification particulière pour connecteurs de puissance  
démontables à encliquetage pour une tension continue  
assignée de 250 V et un courant assigné de 30 A  
(IEC 61076-3-120:2016)

Steckverbinder für elektronische Einrichtungen -  
Produktanforderungen - Teil 3-120: Rechteckige  
Steckverbinder - Bauartspezifikation für  
wiederanschließbare Leistungssteckverbinder mit  
Rastverriegelung für 250 V Bemessungsspannung  
und einen Bemessungsstrom von 30 A  
(IEC 61076-3-120:2016)

This European Standard was approved by CENELEC on 2016-09-29. 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.

This European Standard 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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**

**EN 61076-3-120:2016**

**European foreword**

The text of document 48B/2498/FDIS, future edition 1 of IEC 61076-3-120, prepared by SC 48B "Electrical connectors", of IEC/TC 48 "Electrical connectors and mechanical structures for electrical and electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61076-3-120:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at (dop) 2017-06-29  
national level by publication of an identical national  
standard or by endorsement
- latest date by which the national standards conflicting with (dow) 2019-09-29  
the document have to be withdrawn

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**Endorsement notice**

The text of the International Standard IEC 61076-3-120:2016 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 60352-7	NOTE	Harmonized as EN 60352-7.
IEC 60512-1-100	NOTE	Harmonized as EN 60512-1-100.
IEC 60999-2:2003	NOTE	Harmonized as EN 60999-2:2003 (not modified).
ISO 11469:2000	NOTE	Harmonized as EN ISO 11469:2000 (not modified).

## 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 1 When 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 60050-581	2008	International Electrotechnical Vocabulary (IEV) - Part 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1	-	Environmental testing - Part 1: General and guidance	EN 60068-1	-
IEC 60228	2004	Conductors of insulated cables	EN 60228	2005
-	-		+ corr. May	2005
IEC 60352	series	Solderless connections	EN 60352	series
IEC 60512	series	Connectors for electronic equipment - Tests and measurements	EN 60512	series
IEC 60512-1-2	2002	Connectors for electronic equipment - Tests and measurements - Part 1-2: General examination - Test 1b: Examination of dimension and mass	EN 60512-1-2	2002
IEC 60999-1	1999	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm <sup>2</sup> up to 35 mm <sup>2</sup> (included)	EN 60999-1	2000
IEC 61076-1	2006	Connectors for electronic equipment - Product requirements - Part 1: Generic specification	EN 61076-1	2006
IEC 61076-3	2008	Connectors for electronic equipment - Product requirements - Part 3: Rectangular connectors - Sectional specification	EN 61076-3	2008

# **I.S. EN 61076-3-120:2016**

## **EN 61076-3-120:2016**

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61984	2008	Connectors - Safety requirements and tests	EN 61984	2009
IEC 62430	-	Environmentally conscious design for electrical and electronic products	EN 62430	-
IEC Guide 109	-	Environmental aspects - Inclusion in electrotechnical product standards	-	-



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