National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61076-3-106:2006

ICS 31.220.10

CONNECTORS FOR ELECTRONIC EQUIPMENT - PRODUCT REQUIREMENTS -- PART 3-106: RECTANGULAR CONNECTORS - DETAIL SPECIFICATION FOR PROTECTIVE HOUSINGS FOR USE WITH 8-WAY SHIELDED AND UNSHIELDED CONNECTORS FOR INDUSTRIAL ENVIRONMENTS INCORPORATING THE IEC 60603-7 SERIES INTERFACE (IEC 61076-3-106:2006 (EQV))

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 61076-3-106

December 2006

ICS 31.220.10

English version

Connectors for electronic equipment - Product requirements Part 3-106: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface

(IEC 61076-3-106:2006)

Connecteurs pour équipements électroniques - Exigences de produit Partie 3-106: Connecteurs rectangulaires - Spécification particulière pour boîtiers de protection utilisés avec des connecteurs blindés et non blindés 8 voies pour des environnements industriels incorporant l'interface série CEI 60603-7
(CEI 61076-3-106:2006)

Steckverbinder für elektronische Einrichtungen - Produktanforderungen Teil 3-106: Rechteckige Steckverbinder - Bauartspezifikation für Schutzgehäuse für die Anwendung mit 8-poligen geschirmten und ungeschirmten Steckverbindern für industrielle Umgebungen zur Aufnahme der Schnittstelle der Reihe IEC 60603-7
(IEC 61076-3-106:2006)

This European Standard was approved by CENELEC on 2006-11-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Ref. No. EN 61076-3-106:2006 E

Foreword

The text of document 48B/1692A/FDIS, future edition 1 of IEC 61076-3-106, 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 61076-3-106 on 2006-11-01.

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)	2007-08-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2009-11-01

The International Electrotechnical Commission (IEC) and CENELEC draw attention to the fact that it is claimed that compliance with this standard may involve the use of patent(s) concerning the free connectors in 3.5, 3.6.2, 3.10.2, 3.11, 3.11.2, 3.12.2, 3.13.2 and 3.14.2.

The IEC and CENELEC take no position concerning the evidence, validity and scope of these patent rights.

The holder of this patent right (Subclause 3.5) has assured the IEC that he/she is willing to give free licences with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with the IEC.

Information may be obtained from:

The Siemon Company
27 Siemon Company Drive
Watertown, CT 06795-0400
USA

The holder of this patent right (3.6.2, 3.10.2, 3.11.2, 3.12.2, 3.13.2, 3.14.2) has assured the IEC that he/she is willing to negotiate licenses under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with IEC.

The Siemon Company
27 Siemon Company Drive
Watertown, CT 06795-0400
USA

The holder of this patent right (3.11) has assured the IEC that he/she is willing to negotiate licenses under reasonable and non-discriminatory terms and conditions with applicants throughout the world. In this respect, the statement of the holder of this patent right is registered with IEC.

Information may be obtained for the variant in 3.11 from:

Harting Electric GmbH & Co KG
Postfach 1473
32328 Espelkamp
Germany

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights other than those identified above. IEC shall not be held responsible for identifying any or all such patent rights.

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61076-3-106:2006 was approved by CENELEC as a European Standard without any modification.

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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	Title	EN/HD	Year
IEC 60050-581	1978	International Electrotechnical Vocabulary (IEV) Chapter 581: Electromechanical components for electronic equipment	-	-
IEC 60068-1	-[1)]	Environmental testing Part 1: General and guidance	EN 60068-1	1994[2)]
IEC 60068-2-14	-[1)]	Environmental testing Part 2: Tests - Test N: Change of temperature	EN 60068-2-14	1999[2)]
IEC 60068-2-30	-[1)]	Environmental testing Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	2005[2)]
IEC 60512	Series	Connectors for electronic equipment - Tests and measurements	EN 60512	Series
IEC 60512-1-100	-[1)]	Connectors for electronic equipment - Tests and measurements Part 1-100: General - Applicable publications	EN 60512-1-100	2006[2)]
IEC 60529	-[1)]	Degrees of protection provided by enclosures (IP Code)	EN 60529 + corr. May	1991[2)] 1993
IEC 60603-7	Series	Connectors for electronic equipment	EN 60603-7	Series
IEC 60664-1	-[1)]	Insulation coordination for equipment within low-voltage systems Part 1: Principles, requirements and tests	EN 60664-1	2003[2)]
IEC 61076-1	-[1)]	Connectors for electronic equipment - Product requirements Part 1: Generic specification	EN 61076-1	2006[2)]
IEC 61156-2	-[1)]	Multicore and symmetrical pair/quad cables for digital communications Part 2: Horizontal floor wiring - Sectional specification	-	-
IEC 61156-3	-[1)]	Multicore and symmetrical pair/quad cables for digital communications Part 3: Work area wiring - Sectional specification	-	-

[1)] Undated reference.

[2)] Valid edition at date of issue.