This is a free page sample. Access the full version online.

NSAI Standards

Irish Standard
I.S. EN 3373-014:2009

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 014: In-line splices, insulated and sealed, for crimping on copper conductors, temperature up to 200 °C - Product standard

© NSAI 2009 No copying without NSAI permission except as permitted by copyright law.

This is a free page sample. Access the full version online.

I.S. EN 3373-014:2009

Incorporating amendments/corrigenda issued since publication:

This document replaces:	*This document is based on:* EN 3373-014:2009	*Published:* 11 March, 2009

This document was published under the authority of the NSAI and comes into effect on: 11 May, 2009	ICS number: 49.060

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Price Code:
E

Údarás um Chaighdeáin Náisiúnta na hÉireann

This is a free page sample. Access the full version online.

I.S. EN 3373-014:2009

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 3373-014

March 2009

ICS 49.060

English Version

Aerospace series - Terminal lugs and in-line splices for crimping on electric conductors - Part 014: In-line splices, insulated and sealed, for crimping on copper conductors, temperature up to 200 °C - Product standard

Série aérospatiale - Cosses et prolongateurs pour sertissage sur conducteurs électriques - Partie 014: Prolongateurs isolés et étanches pour sertissage sur conducteurs en cuivre, température jusqu'à 200 °C - Norme de produit

Luft- und Raumfahrt - Kabelschuhe und Stossverbinder zum crimpen an elektrische Leitungen - Teil 014: Stossverbinder isoliert, abgedichtet, Crimpenversion Kupferleitungen, für Temperaturen bis 200 °C - Produktnorm

This European Standard was approved by CEN on 30 August 2008.

CEN 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 Management Centre or to any CEN 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 CEN member into its own language and notified to the CEN Management Centre has the same status as the official versions.

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

EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: Avenue Marnix 17, B-1000 Brussels

© 2009 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members.

This is a free page sample. Access the full version online.

Contents

Page

Foreword 3
1 Scope 4
2 Normative references 4
3 Terms and definitions 4
4 Characteristics 4
5 Tests and requirements 6
6 Designation 6
7 Quality assurance 6
8 Details of assembly tooling 6
9 Marking 7
10 Packaging 7

This is a free page sample. Access the full version online.

Foreword

This document (EN 3373-014:2009) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2009, and conflicting national standards shall be withdrawn at the latest by September 2009.

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

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

This is a free page sample. Access the full version online.

1 Scope

This standard defines the characteristics of sealed, insulated, nickel plated, in-line splices for crimping on nickel plated copper conductors. They may be used at temperatures up to 200 °C maximum on nickel plated conductors with insulation rated for at least 135 °C.

This standard shall be used in conjunction with EN 3373-001.

2 Normative references

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.

EN 2083, *Aerospace series — Copper and copper alloys conductors for electrical cables — Product standard.*

EN 2591-305, *Aerospace series — Elements of electrical and optical connection —– Test methods — Part 305: Rapid change of temperature.*

EN 3373-001, *Aerospace series — Terminal lugs and in-line splices for crimping on electric conductors — Part 001: Technical specification.*

MIL-DTL-22520/37: September 1997, *Crimping tool, electrical, wire splicing, hand actuated, Type 2, for environmental splices, wire range 26-12 AWG.* [1)]

ASTM B75-97, *Standard specification for seamless copper tube.* [2)]

SAE-AMS-QQ-M-290, *Nickel plating (Electrodeposited).* [3)]

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 3373-001 apply.

4 Characteristics

4.1 Temperature range

The operational range for the assemblies specified is – 65 °C to 200 °C.

---

1) Published by: Department of Defense (DoD), the Pentagon, Washington, DC 20301, USA.

2) Published by: American Society for Testing and Materials (ASTM), 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, USA.

3) Published by: Society of Automotive Engineers, Inc. (SAE), 400 Commonwealth Drive, Warrendale, PA 15096-0001, USA.

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation