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BSI Standards Publication

Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors

Part 033: Stainless steel banding band, style Z, for attachment of individual and/or overall screens to cable outlets — Product standard

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National foreword

This British Standard is the UK implementation of EN 3660-033:2019.

The UK participation in its preparation was entrusted to Technical Committee ACE/6, Aerospace avionic electrical and fibre optic technology.

A list of organizations represented on this committee can be obtained on request to its secretary.

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

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

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EUROPÄISCHE NORM

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English Version

Aerospace series - Cable outlet accessories for circular and rectangular electrical and optical connectors - Part 033: Stainless steel banding band, style Z, for attachment of individual and/or overall screens to cable outlets - Product standard

Série aérospatiale - Accessoires arrière pour connecteurs circulaires et rectangulaires électriques et optiques - Partie 033 : Bande de cerclage en acier inoxydable, type Z, pour fixation des blindages individuels et/ou complets aux raccords - Norme de produit

Luft- und Raumfahrt - Endgehäuse für elektrische und optische Rund- und Rechtecksteckverbinder - Teil 033: Edelstahlspannband, Bauform Z, zum Anschluss von Einzel- und/oder Gesamtschirmen an Endgehäusen - Produktstandard

This European Standard was approved by CEN on 26 May 2019.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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



EUROPEAN COMMITTEE FOR STANDARDIZATION
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European foreword

This document (EN 3660-033:2019) 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2020, and conflicting national standards shall be withdrawn at the latest by April 2020.

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

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

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1 Scope

This document defines a banding band, style Z, for terminating individual and/or overall cable screens to cable outlets. The bands delivered in flat condition F (see Clause 6) which need to be double wrapped prior to their installation. The bands delivered in condition C (see Clause 6) are factory pre-double wrapped and ready for installation.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 2591-100 (all parts), *Aerospace series — Elements of electrical and optical connection — Test methods — Part 100: General*

EN 3660-001, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 001: Technical specification*

EN 3660-002, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 002: Index of product standards*

EN 3660-038, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 038: Manual installation tool, style Z, for installation of stainless steel shield termination band EN 3660-033, to cable outlet accessories — Product standard*

EN 3660-063, *Aerospace series — Cable outlet accessories for circular and rectangular electrical and optical connectors — Part 063: Cable outlet, style K, straight, for heat shrinkable boot, shielded, sealed, self-locking for EN 3645 — Product standard*

A-A-59569, *Braid, wire (copper, tin-coated, silver-coated, or nickel-coated, tubular or flat)* ¹⁾

SAE AS 85049, *Connector accessories, Electrical General Specification For* ²⁾

SAE AMS 2700, *Passivation of Corrosion Resistant Steels* ²⁾

ASTM A 240, *Standard Specification for, stainless and heat-resisting Chromium-Nickel Steel Plate, Sheet and Strip for Pressure Vessels for General Applications* ³⁾

ASTM A 967, *Standard Specification for Chemical Passivation Treatments for Stainless Steel Parts* ³⁾

1) Published by: NASA Electronic Parts and Packaging Program (NEPP), <https://nepp.nasa.gov/>

2) Published by: National (US) Society of Automotive Engineers (SAE), <http://www.sae.org/>

3) Published by: International standards (ASTM), <https://www.astm.org/>