SLOVENSKI STANDARD
SIST EN 4644-021:2016

01-januar-2016

Aeronavtika - Konektor, električni in optični, pravokotni, modularni, pravokotni vložki, stalna delovna temperatura 175 °C (ali 125 °C) - 021. del: Vtič, velikost 2, brez pritrdilnih izvrtin, razredi A, C in E - Standard za proizvod

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 021: Plug, size 2, without mounting holes, class A, C and E - Product standard

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Luft- und Raumfahrt - Elektrische und optische Rechtecksteckverbinder, modular, rechteckige Kontakteinsätze, Dauerbetriebstemperatur 175 °C (oder 125 °C) konstant - Teil 021: Freier Steckverbinder, Größe 2, ohne Montagebohrungen, Klassen A, C und E - Produktnorm

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Série aérospatiale - Connecteur, électrique et optique, rectangulaire, modulaire, à inserts rectangulaires, température de fonctionnement 175 °C (ou 125 °C) continu - Partie 021 : Fiche, taille 2, sans trous de fixation, classes A, C et E - Norme de produit

Ta slovenski standard je istoveten z: EN 4644-021:2015

ICS:

31.220.10	Vtiči in vtičnice, konektorji	Plug-and-socket devices. Connectors
49.060	Letalska in vesoljska električna oprema in sistemi	Aerospace electric equipment and systems

SIST EN 4644-021:2016 en,fr,de

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 4644-021

November 2015

ICS 49.060; 49.090

English Version

Aerospace series - Connector, electrical and optical, rectangular, modular, rectangular inserts, operating temperature 175 °C (or 125 °C) continuous - Part 021: Plug, size 2, without mounting holes, class A, C and E - Product standard

Série aérospatiale - Connecteur, électrique et optique, rectangulaire, modulaire, à inserts rectangulaires, température de fonctionnement 175 °C (ou 125 °C) continu - Partie 021 : Fiche, taille 2, sans trous de fixation, classes A, C et E - Norme de produit

Luft- und Raumfahrt - Elektrische und optische Rechtecksteckverbinder, modular, rechteckige Kontakteinsätze, Dauerbetriebstemperatur 175 °C (oder 125 °C) konstant - Teil 021: Freier Steckverbinder, Größe 2, ohne Montagebohrungen, Klassen A, C und E - Produktnorm

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This European Standard was approved by CEN on 30 June 2015.

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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.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 4644-021:2015) 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 May 2016, and conflicting national standards shall be withdrawn at the latest by May 2016.

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

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SIST EN 4644-021:2016

1 Scope

This European Standard specifies the size 2 plug for disconnect applications used in the family of modular rectangular electrical and optical connector with rectangular inserts. The receptacle corresponding to this plug is defined in EN 4644-024 or EN 4644-025 or EN 4644-026.

2 Normative references

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.

EN 4644-001, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 001: Technical specification*

EN 4644-002, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 002: Specification of performance and contact arrangements*

EN 4644-024, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 024: Receptacle, size 2, class A, C and E — Product standard*

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EN 4644-025, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 025: Receptacle, size 2, with flange, class A, C and E — Product standard*

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EN 4644-026, *Aerospace series — Connector, electrical and optical, rectangular, modular, rectangular inserts operating temperature 175 °C (or 125 °C) continuous — Part 026: Receptacle, size 2, with ground block, class B and F — Product standard*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 4644-001 apply.

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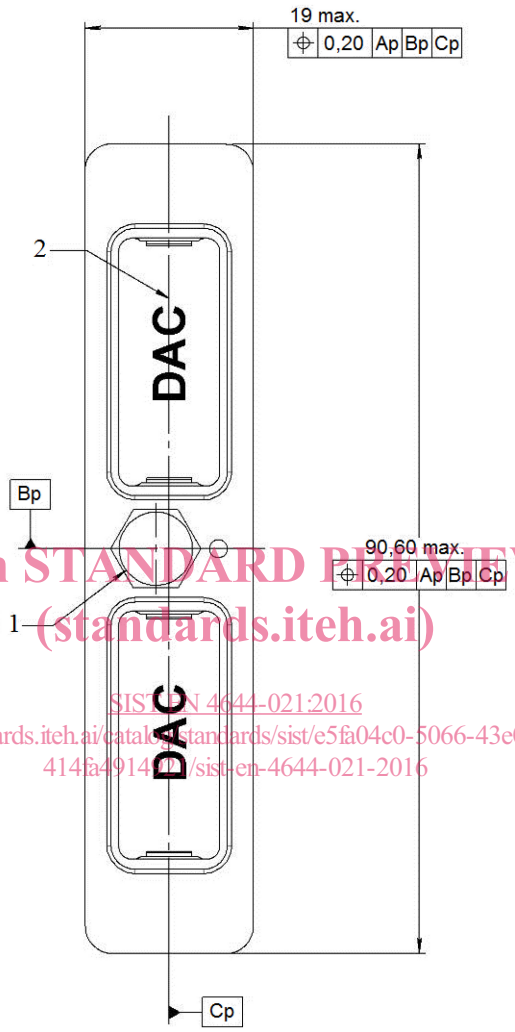
4 Required characteristics

4.1 Dimensions

See Figure 1 and Figure 2.



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Key

1 See EN 4644-001.

2 Axis of 19,00

NOTE Ap, Bp, Cp axis, see EN 4644-001.

Figure 1

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NOTE Ap axis, see EN 4644-001.

Figure 2