

SLOVENSKI STANDARD

SIST EN 3708-005:2009

01-september-2009

**Aeronavtika - Modularni medsebojno povezljivi sistemi - Razdelilni moduli - 005.
del: Oprema za zatesnjene in nezatesnjene povratne skoznjike - Standard za
proizvod**

Aerospace series - Modular interconnection systems - Terminal junction systems - Part
005: Frames with accessories for feedback modules version, sealed and unsealed -
Product standard

Luft- und Raumfahrt - Verteilersysteme in modularer Bauweise - Verteilermodule - Teil
005: Schienen mit Zubehör für abgedichtete und nicht abgedichtete, anreihbare
Rückleitungsmodule - Produktnorm

Série aérospatiale - Systèmes d'interconnexions modulaires - Barrettes de raccordement
- Partie 005 : Profilés avec accessoires pour version modules à retour, étanches et non
étanches - Norme de produit

Ta slovenski standard je istoveten z: EN 3708-005:2006

ICS:

49.060

Letalska in vesoljska
električna oprema in sistemi

Aerospace electric
equipment and systems

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en,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 3708-005

May 2006

ICS 49.060

English Version

**Aerospace series - Modular interconnection systems - Terminal
junction systems - Part 005: Frames with accessories for
feedback modules version, sealed and unsealed - Product
standard**

Série aérospatiale - Systèmes d'interconnexions
modulaires - Barrettes de raccordement - Partie 005 :
Profils avec accessoires pour version modules à retour,
étanches et non étanches - Norme de produit

Luft- und Raumfahrt - Verteilersystem in modularer
Bauweise - Verteilermodule - Teil 005: Zubehör für
abgedichtete und nicht abgedichtete anreihbare
Durchführungsmodule - Produktnorm

This European Standard was approved by CEN on 16 March 2006.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard (EN 3708-005:2006) has been prepared by the European Association of Aerospace Manufacturers - Standardization (AECMA-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 AECMA, 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 November 2006, and conflicting national standards shall be withdrawn at the latest by November 2006.

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, 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.

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EN 3708-005:2006 (E)

1 Scope

This standard specifies the frames, supports and accessories necessary for a terminal junction system for removable feedback modules, sealed and unsealed in accordance with EN 3708-003 and EN 3708-004 and used in modular interconnection systems.

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 3708-001, *Aerospace series — Modular interconnection systems — Terminal junction systems — Part 001: Technical specification.*

EN 3708-003, *Aerospace series — Modular interconnection systems — Terminal junction systems — Part 003: Removable feedback modules version, sealed — Product standard.*

EN 3708-004, *Aerospace series — Modular interconnection systems — Terminal junction systems — Part 004: Removable feedback modules version, unsealed — Product standard.*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 3708-001 apply.

4 Description

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4.1 Frames

See Table 1.

Material: aluminium alloy

Protection: yellow anodizing (non-conductive)

Table 1

Type	Code for yellow anodizing
Full standard	A
Perforated frame	B
Perforated frame	C
Reinforced perforated frame	D
Reinforced perforated frame	E

4.2 Module clamps

Material: stainless steel.

4.3 Insulators

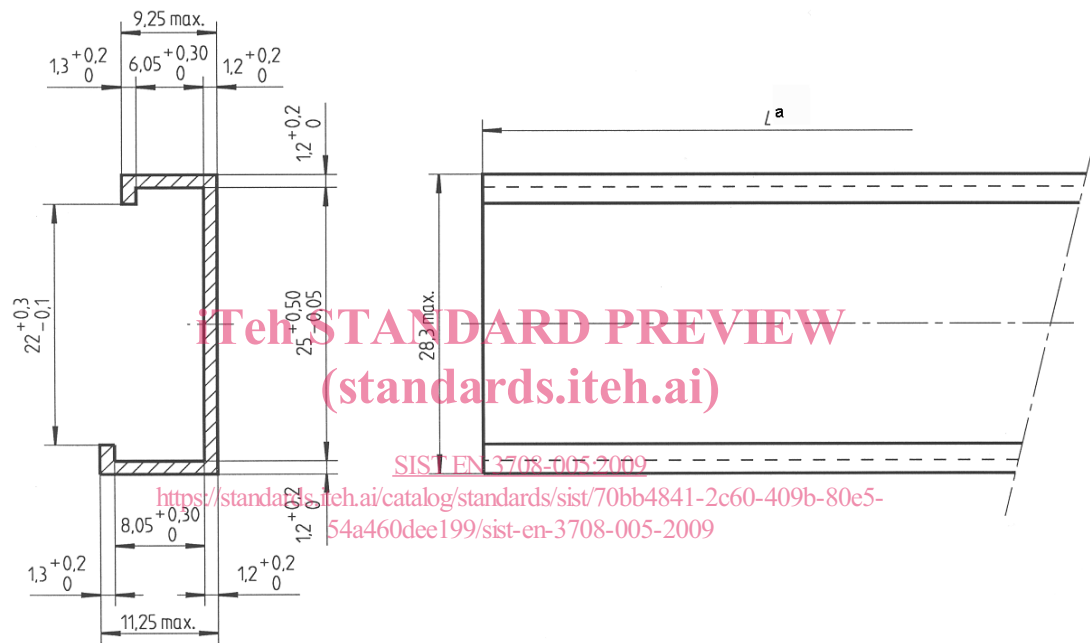
Material: plastic

5 Definition drawings and masses

5.1 Frames

5.1.1 Full standard frame A

Dimensions and tolerances are in millimetres. See Figure 1.



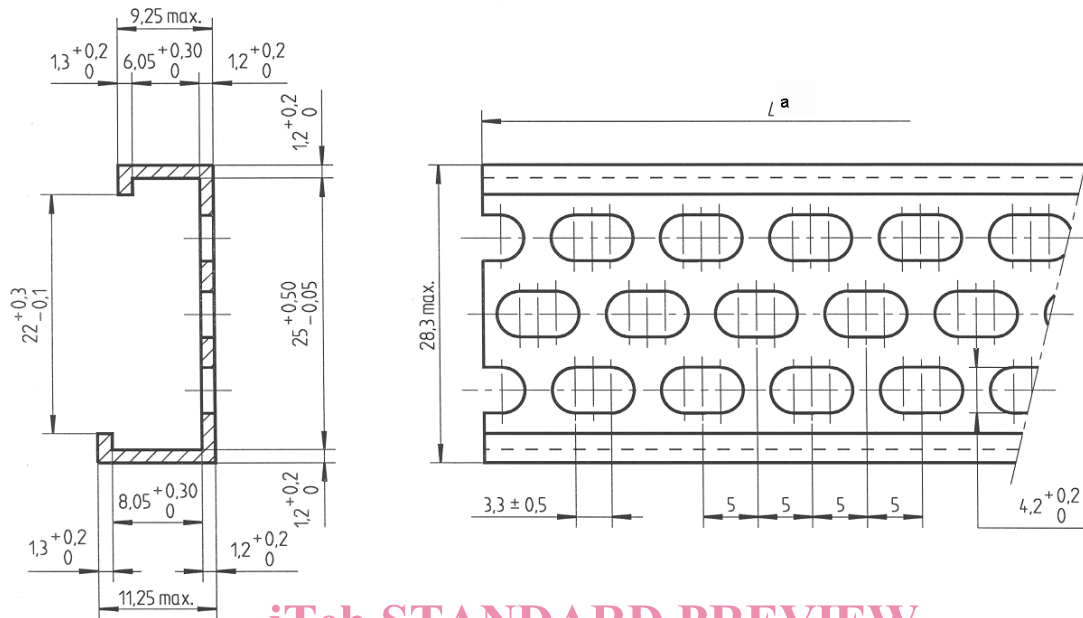
^a Length on request, 2 m max.

Figure 1

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5.1.2 Perforated frame B

Dimensions and tolerances are in millimetres. See Figure 2.



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^a Length on request, 2 m max.

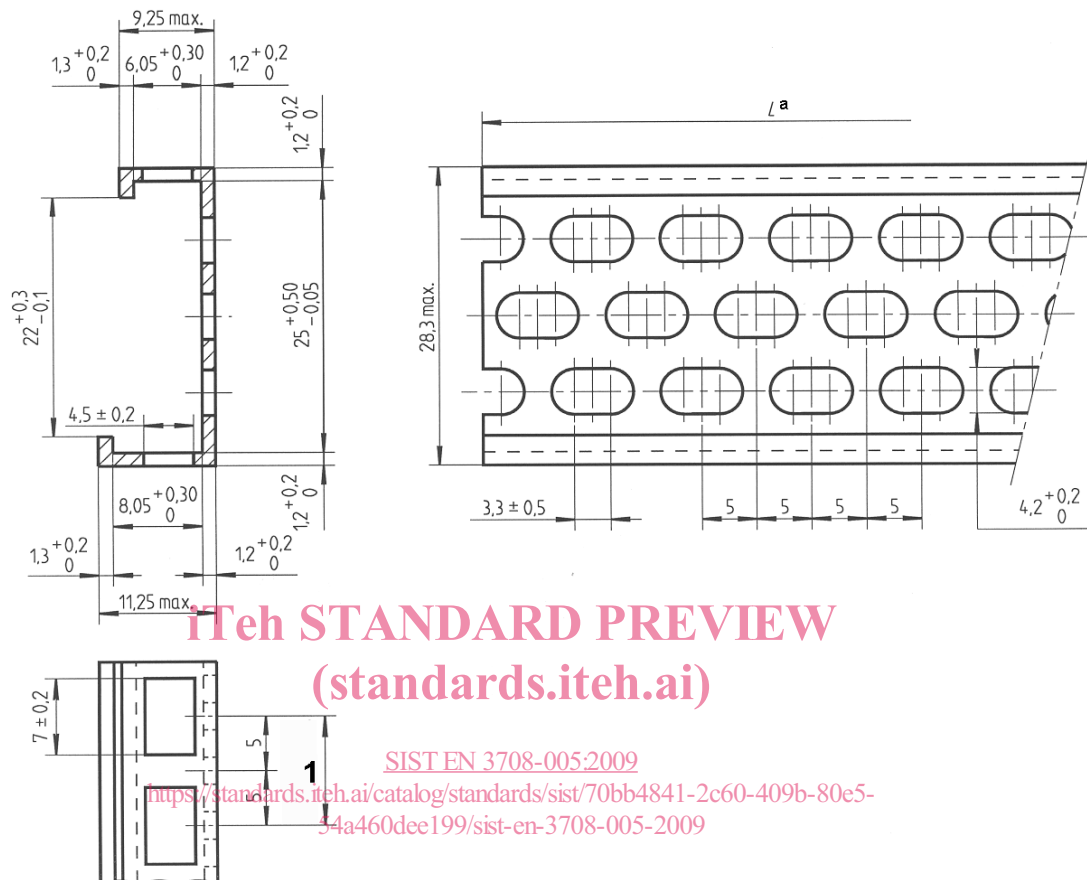
Figure 2

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5.1.3 Perforated frame C

Dimensions and tolerances are in millimetres. See Figure 3.



Key

- 1 Pitch: $10 \pm 0,5$
- a Length on request, 2 m max.

Figure 3