

SLOVENSKI STANDARD

SIST EN 3218-007:2009

01-september-2009

**Aeronavtika - Konektorji, pravokotni, s kovinskim ohišjem in vijal' nim zaklepanjem
- 007. del: Vtil' z ločljivimi kontakti "crimp", velikost 20 - Standard za proizvod**

Aerospace series - Connectors, rectangular, with metallic shells and screw-locking - Part
007: Plug with rear-removable size 20 crimp contacts - Product standard

Luft- und Raumfahrt - Rechtecksteckverbinder mit metallischem Gehäuse und
Schraubverriegelung - Teil 007: Freier Steckverbinder mit Crimpkontakten, Größe 20,
rückseitig entriegelbar - Produktnorm

Série aéronautique - Connecteurs rectangulaires à boîtiers métalliques et à verrouillage
par vis - Partie 007 : Fiche avec contacts à sertir, taille 20, démontables par l'arrière -
Norme de produit

Ta slovenski standard je istoveten z: EN 3218-007:2006

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

EN 3218-007

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2006

ICS 49.060

English Version

**Aerospace series - Connectors, rectangular, with metallic shells
and screw-locking - Part 007: Plug with rear-removable size 20
crimp contacts - Product standard**

Série aéronautique - Connecteurs rectangulaires à boîtiers
métalliques et à verrouillage par vis - Partie 007 : Fiche
avec contacts à sertir, taille 20, démontables par l'arrière -
Norme de produit

Luft- und Raumfahrt - Rechtecksteckverbinder mit
metallischem Gehäuse und Schraubverriegelung - Teil 007:
Freier Steckverbinder mit Crimpkontakten, Größe 20,
rückseitig entriegelbar - Produktnorm

This European Standard was approved by CEN on 27 February 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.

CEN members are the national standards bodies of 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 United Kingdom.



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

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Foreword

This European Standard (EN 3218-007:2006) 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 October 2006, and conflicting national standards shall be withdrawn at the latest by October 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 3218-007:2006 (E)**1 Scope**

This standard defines rectangular connector plugs with metallic shells and screw-locking, in the plug version with rear-removable size 20 crimp contacts.

For associated receptacles, see EN 3218-008 and for associated contacts see EN 3155-022 and EN 3155-023.

For filler plugs and protective covers, see EN 4008-003 and EN 3218-009.

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 3155-022, *Aerospace series – Electrical contacts used in elements of connection – Part 022: Contacts, electrical rectangular, male, type A, crimp, class R – Product standard.*

EN 3155-023, *Aerospace series – Electrical contacts used in elements of connection – Part 023: Contacts, electrical rectangular, female, type A, crimp, class R – Product standard.*

EN 3218-001, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 001: Technical specification.*

EN 3218-002, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 002: Specification of performance and contact arrangements.*

EN 3218-008, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 008: Receptacle with rear-removable size 20 crimp contacts – Product standard.*

EN 3218-009, *Aerospace series – Connectors, rectangular, with metallic shells and screw-locking – Part 009: Protective covers for EN 3218-005 and EN 3218-007 connectors – Product standard.*

EN 4008-003, *Aerospace series – Elements of electrical and optical connection – General accessories and tooling – Part 003: Filler plugs for contacts used in elements of electrical connection – Product standard.*¹⁾

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 3218-001 apply.

4 Required characteristics**4.1 Dimensions and masses**

Dimensions are shown in Figure 1 and in Table 1.

Masses are indicated in Table 1.

Dimensions and tolerances are in millimetres.

¹⁾ In preparation at the date of publication of this standard.

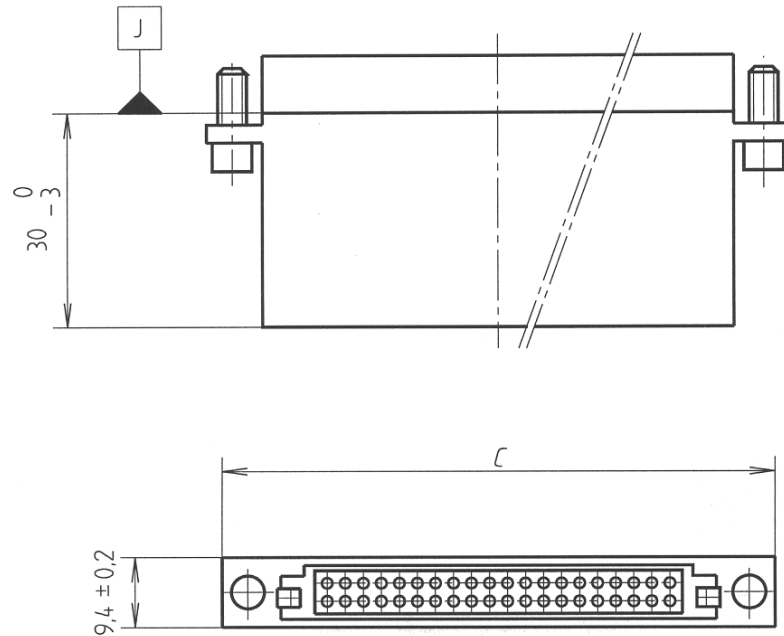


Figure 1
Table 1

Size	C max.	Mass ^a with contacts g max.	Mass ^a without contact g max.
1	51,5	28	24
2	77,0	43	35
^a Accessories included			

4.2 Materials and surface finishing

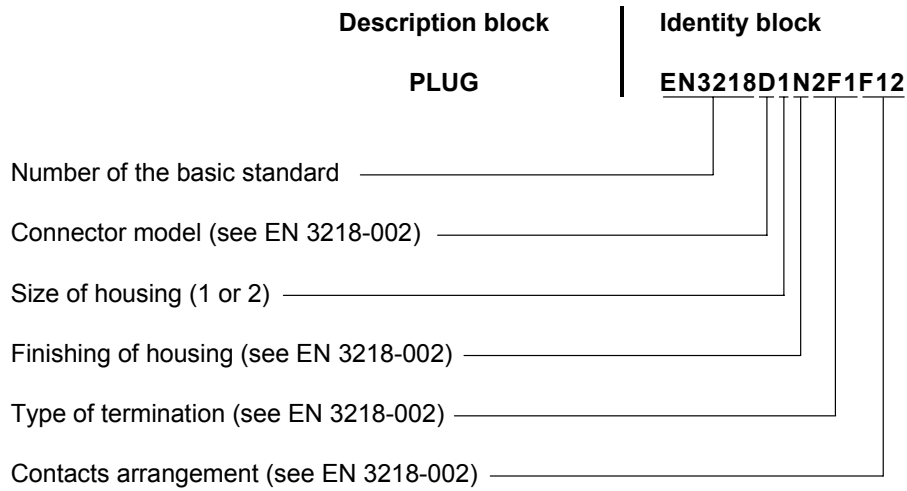
See EN 3218-002.

4.3 Main general characteristics

See EN 3218-002.

EN 3218-007:2006 (E)**5 Designation**

EXAMPLE



NOTE If necessary, the code I9005 shall be placed between the description block and the identity block.

6 Marking

See EN 3218-001.

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7 Technical specification

See EN 3218-001.

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