
5 YfcbUj h_U!?'cbY_lcf^žYY_f] b]ždfUj c_cfb]ža cXi`Urb]!'GHUbuXYcj bU
hYa dYfUi fU%+) š7 '! \$% "XY.'? UWyg_YcVYa _Yn&U]'('a cXi`]nU_cbY_lcf^ž
gYf]U&]b'gYf]U' '!GHUbuX'X'nUdfc]nj cX

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 013: Cable clamp 2 and 4 modules for connectors, series 2 and series 3 - Product standard

ITeH STANDARD PREVIEW

Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder in modularer Bauweise - Betriebstemperatur 175 °C konstant - Teil 013: Gehäuse für Zugentlastung für Steckverbinder mit 2 und 4 Modulen, Serie 2 und Serie 3 - Produktnorm

[SIST EN 4165-013:2008](https://standards.iteh.ai/catalog/standards/sist/116b1334-6c78-48a4-b4c6-8380c0000000/sist-en-4165-013-2008)

Série aérospatiale - Connecteurs électriques rectangulaires modulaires - Température d'utilisation 175 °C continu - Partie 013 : Serre-câbles 2 et 4 modules pour connecteurs, série 2 et série 3 - Norme de produit

Ta slovenski standard je istoveten z: EN 4165-013:2005

ICS:

49.060 Š^cp \ æš Á^•[|b \ æ Aerospace electric
^|\ dā} æ] !^ { æš Á ã c^ { ã equipment and systems

SIST EN 4165-013:2008

en,de

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ICS 49.060

English Version

Aerospace series - Connectors, electrical, rectangular, modular -
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Luft- und Raumfahrt - Elektrischer Rechtecksteckverbinder
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konstant - Teil 013: Gehäuse für Zugentlastung für
Steckverbinder mit 2 und 4 Modulen, Serie 2 und Serie 3 -
Produktnorm

This European Standard was approved by CEN on 30 September 2005.

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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 Central Secretariat has the same status as the official versions.

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Foreword

This European Standard (EN 4165-013:2005) 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 May 2006, and conflicting national standards shall be withdrawn at the latest by May 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, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This standard defines cable clamp 2 and 4 modules for connectors, series 2 and series 3 used in the family of rectangular electrical connectors.

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 2424, *Aerospace series – Marking of aerospace products.*

EN 4165-001, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 001: Technical specification.*

EN 4165-002, *Aerospace series – Connectors, electrical, rectangular, modular – Operating temperature 175 °C continuous – Part 002: Specification of performance and contact arrangements.*

3 Terms and definitions

For the purposes of this standard, the terms and definitions given in EN 4165-001 apply.

4 Required characteristics

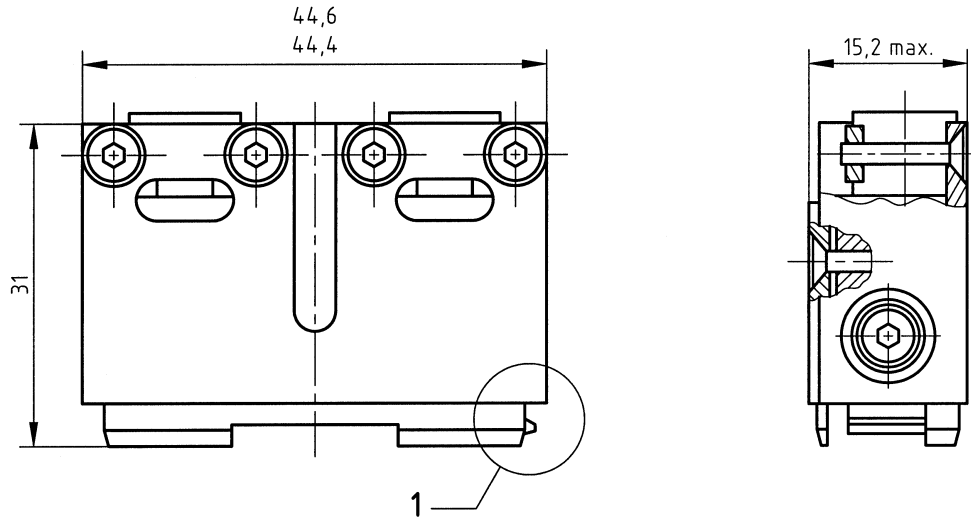
See Figure 1 for 2 modules and Figure 2 for 4 modules.

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5 Cable clamp

5.1 For 2 modules classes W, F and A

Dimensions are in millimetres.



Key

1 see Figure 3.

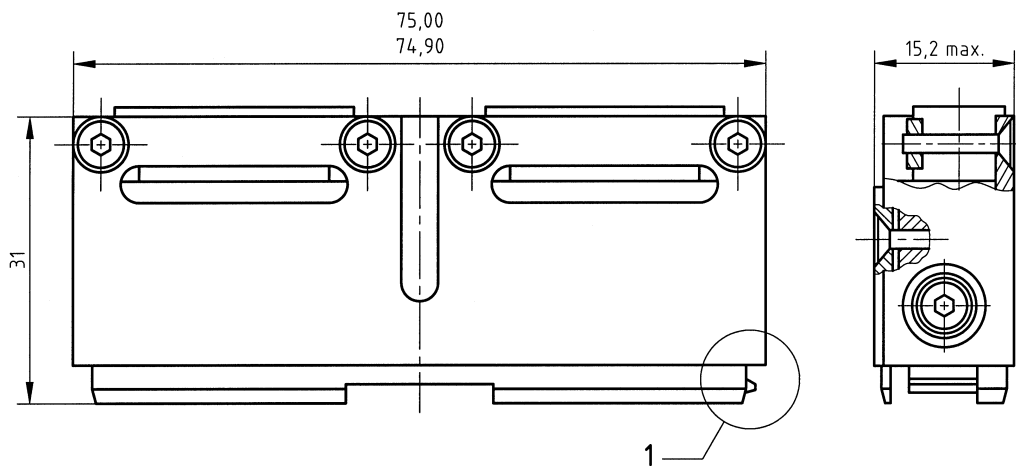
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Figure 1

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5.2 For 4 modules classes W, F and A

Dimensions are in millimetres.



Key

1 see Figure 3.

Figure 2

5.3 Cable clamp class

See Table 1.

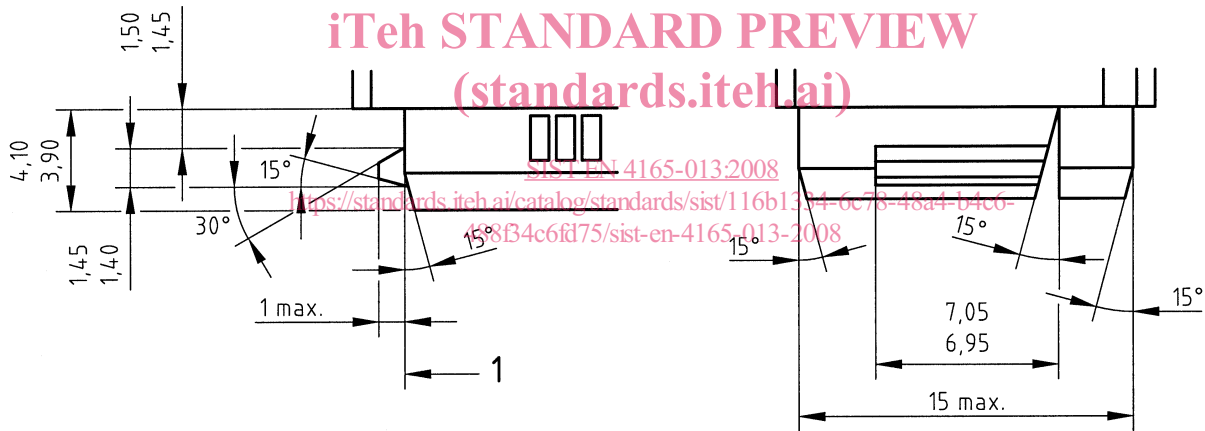
Table 1

| Class | Description |
|-------|--|
| W | Cable clamp with housing (shell) olive drab cadmium plated, aluminium alloy, conducting finish, 500 hours resistance to salt mist, maximum operating temperature 175 °C continuous |
| F | Cable clamp with housing (shell) black nickel plated, aluminium alloy, 96 hours resistance to salt mist, maximum operating temperature 175 °C continuous |
| A | Cable clamp with housing (shell) black anodised plated, aluminium alloy, no conducting finish, 48 hours resistance to salt mist, maximum operating temperature 175 °C continuous |

5.4 Intermateability for series 2 and series 3

See Figure 3.

Dimensions are in millimetres.



Key

- 1 4 modules – 70,9 max.
- 2 modules – 40,4 max.

Figure 3