

STN	Letectvo a kozmonautika Elektrické modulové konektory obdĺžnikové pre trvalú prevádzkovú teplotu 175 °C Časť 005: Pridružená zásuvka s prírubovým upevnením, dva a štyri moduly, séria 3 Norma na výrobok	STN EN 4165-005 31 1753
------------	--	---

Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 °C continuous - Part 005: Stackable mounting receptacle 2 and 4 modules, series 3 - Product standard

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 01/25

Obsahuje: EN 4165-005:2024

Oznámením tejto normy sa ruší
STN EN 4165-005 (31 1753) zo septembra 2007

139896

EUROPEAN STANDARD

EN 4165-005

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2024

ICS 49.060

Supersedes EN 4165-005:2007

English Version

**Aerospace series - Connectors, electrical, rectangular,
modular - Operating temperature 175 °C continuous - Part
005: Stackable mounting receptacle 2 and 4 modules,
series 3 - Product standard**

Série aérospatiale - Connecteurs électriques
rectangulaires modulaires - Température d'utilisation
175 °C continu - Partie 005 : Embase empilable 2 et 4
modules, série 3 - Norme de produit

Luft- und Raumfahrt - Elektrischer
Rechtecksteckverbinder in modularer Bauweise -
Betriebstemperatur 175 °C konstant - Teil 005:
Anreihsteckdose mit Flansch mit 2 und 4 Modulen,
Serie 3 - Produktnorm

This European Standard was approved by CEN on 5 February 2024.

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, Türkiye and United Kingdom.



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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 4165-005:2024 (E)

Contents		Page
European foreword		3
1	Scope	4
2	Normative references	4
3	Terms and definitions	4
4	Required characteristics	4
4.1	General	4
4.2	For 2 modules receptacle	5
4.3	For 4 modules receptacle	6
4.4	Receptacle class	6
5	Designation	7
6	Marking	7
7	Technical specification	7

European foreword

This document (EN 4165-005:2024) has been prepared by ASD STAN.

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, 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 2025, and conflicting national standards shall be withdrawn at the latest by May 2025.

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.

This document supersedes EN 4165-005:2007.

This document includes the following significant technical changes with respect to EN 4165-005:2007:

- update of normative references;
- removal of bibliography;
- update of Clause 6 “Marking” (former Clause 7);
- editorial revision of document.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

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, 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, Türkiye and the United Kingdom.

EN 4165-005:2024 (E)**1 Scope**

This document specifies the stackable mounting receptacles series 3, for 2 or 4 modules used in the family of rectangular electrical modular connectors, operating temperature 175 °C continuous. The plugs, flight caps and accessories corresponding to those receptacles are specified in EN 4165-002.

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 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*

EN 4165-020, *Aerospace series — Connectors, electrical, rectangular, modular — Operating temperature 175 °C continuous — Part 020: Coupling system keyway for receptacle — Product standard*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN