

STN	Letectvo a kozmonautika Elektrické modulové konektory obdĺžnikové pre trvalú prevádzkovú teplotu 175 °C Časť 024: Zástrčka pre jeden modul Norma na výrobok	STN EN 4165-024 31 1753
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Aerospace series - Connectors, electrical, rectangular, modular - Operating temperature 175 C continuous - Part 024: Single module plug - 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. 12/24

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EUROPEAN STANDARD

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English Version

**Aerospace series - Connectors, electrical, rectangular,
modular - Operating temperature 175 °C continuous - Part
024: Single module plug - Product standard**

Série aérospatiale - Connecteurs électriques
rectangulaires modulaires - Température d'utilisation
175 °C continu - Partie 024 : Fiche mono-module -
Norme de produit

Luft- und Raumfahrt - Elektrischer
Rechtecksteckverbinder in modularer Bauweise -
Betriebstemperatur 175 °C konstant - Teil 024: Freier
Steckverbinder für Einzelmodule - Produktnorm

This European Standard was approved by CEN on 26 August 2024.

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

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EN 4165-024:2024 (E)

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European foreword

This document (EN 4165-024:2024) 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 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of an identical text or by endorsement, at the latest by April 2025, and conflicting national standards shall be withdrawn at the latest by April 2025.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 4165-024:2017.

This document includes the following significant technical changes with respect to EN 4165-024:2017:

- complete revision of the Figures in 4.1, Single module plug design;
- revision of 4.2, Class: insertion of reference to EN 4165-002;
- revision of Clause 6, Marking: addition of date of manufacture and manufacturer's name or trademark.

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 4165-024:2024 (E)**1 Scope**

This document specifies the single module plug used in the family of rectangular electrical connectors, operating temperature 175 °C continuous. The receptacles and accessories corresponding to this plug are specified in EN 4165-002. The cavity of this connector is uncoded, so it can accept polarized modules N, A, B, C and D as 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*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN