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| STN | Letectvo a kozmonautika Trojpolové ističe, tepelne kompenzované, menovitý prúd od 1 A do 25 A Časť 004: So signálovým kontaktom Norma na výrobok | STN EN 2996-004 31 1745 |
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Aerospace series - Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A - Part 004: With signal contact - 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. 08/25

Obsahuje: EN 2996-004:2025

Oznámením tejto normy sa ruší
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Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2025
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EUROPEAN STANDARD

EN 2996-004

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2025

ICS 49.060

Supersedes EN 2996-004:2006

English Version

**Aerospace series - Circuit breakers, three-pole,
temperature compensated, rated currents 1 A to 25 A -
Part 004: With signal contact - Product standard**

Série aérospatiale - Disjoncteurs tripolaires compensés
en température, intensités nominales 1 A à 25 A -
Partie 004 : Avec contact de signalisation - Norme de
produit

Luft- und Raumfahrt - Schutzschalter, dreipolig,
temperaturkompensiert, Nennströme von 1 A bis 25 A
- Teil 004: Mit Signalkontakt - Produktnorm

This European Standard was approved by CEN on 14 April 2025.

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

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EN 2996-004:2025 (E)

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European foreword

This document (EN 2996-004:2025) 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by December 2025, and conflicting national standards shall be withdrawn at the latest by December 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 will supersede EN 2996-004:2006.

EN 2996-004:2025 includes the following significant technical changes with respect to EN 2996-004:2006:

— EN 2996-004 (P3), 08/2006:

- o update of Clause 2 “Normative references”;
- o addition of Clause 3 “Terms and definitions”;
- o update of Table 1 and Table 5 to add 28 V DC and 26 V AC, 360 Hz to 800 Hz as a nominal voltage.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this document: 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 2996-004:2025 (E)**1 Scope**

This document specifies the characteristics of three-pole circuit breakers, temperature compensated with a rated current from 1 A to 25 A, used in aircraft on-board circuits at a temperature between -55 °C and 125 °C for ratings ≤ 15 A and -55 °C and 90 °C for ratings > 15 A and at an altitude of 22 000 m max.

These circuit breakers are operated by a push-pull type single pushbutton (actuator), with delayed action “trip-free” tripping with a signal contact which is open when main contacts are closed, and inversely.

They will continue to function up to the short-circuit current.

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 2996-001:2023, *Aerospace series — Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A — Part 001: Technical specification*

EN 3155-016, *Aerospace series — Electrical contacts used in elements of connection — Part 016: Contacts, electrical, male, type A, crimp, class S — Product standard*

EN 6113, *Aerospace series — Circuit breaker, connecting and attachment hardware*

TR 6083,¹ *Aerospace series — Cut-outs for installation of electrical components*

AMS-STD-595,² *Colors Used in Government Procurement*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Published as ASD-STAN TR, available at: <https://www.asd-stan.org/>.

² Published by Society of Automotive Engineers (SAE), available at: <https://www.sae.org/>.