

STN	Letectvo a kozmonautika Jednopolové ističe, tepelne kompenzované, menovitý prúd od 1 A do 25 A Časť 001: Technická špecifikácia	STN EN 2995-001 31 1744
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Aerospace series - Circuit breakers, single-pole, temperature compensated, rated currents 1 A to 25 A - Part 001: Technical specification

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

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EUROPEAN STANDARD

EN 2995-001

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

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

Série aérospatiale - Disjoncteurs tripolaires compensés
en température, intensités nominales 20 A à 50 A -
Partie 001 : Spécification technique

Luft- und Raumfahrt - Schutzschalter, einpolig,
Temperaturkompensiert, Nennströme von 1 A bis 25 A
- Teil 001: Technische Lieferbedingungen

This European Standard was approved by CEN on 23 July 2023.

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

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EN 2995-001:2023 (E)

Contents	Page
European foreword	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	4
4 Description	5
5 Design	5
5.1 Materials	5
5.1.1 Metallic materials	5
5.1.2 Insulation materials	5
5.2 Design	5
5.2.1 Insulating box	5
5.2.2 Free release mechanism	5
5.2.3 Attachment	5
5.2.4 Electrical connection units	5
5.2.5 Control actuator	6
5.2.6 Rating inviolability	6
5.2.7 Leakage lines	6
5.2.8 Protection against non-release	6
6 Characteristics	6
6.1 General characteristics	6
6.2 Ratings	7
6.3 Nominal voltage of main contacts	7
6.4 Signal contact performances	7
6.5 Dimensional characteristics	7
6.6 Recommended panel mounting dimensions	8
7 Tests	8
7.1 Mechanical tests	8
7.2 Environmental tests	9
7.3 Electrical tests	14
8 Qualification tests	16
8.1 Sampling	16
8.2 Material tests	19
8.3 Periodic checks for qualification maintenance	19
9 Quality assurance	19
10 Marking	19
11 Delivery conditions	19
12 Packaging	20
13 Storage	20
13.1 Definition	20
13.2 Storage conditions	20
13.3 Storage duration	20
Bibliography	21

European foreword

This document (EN 2995-001:2023) 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 document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2024, and conflicting national standards shall be withdrawn at the latest by May 2024.

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 2995-001:2006.

The main changes with respect to the previous edition are as follows:

prEN 2995-001 (P3), 05/2005 — Editorial revision of this document: gn replaced by g-PK for sinusoidal and low frequencies, gn replaced by Grms for random.

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 2995-001:2023 (E)

1 Scope

This document specifies the single-pole temperature compensated circuit breakers with signal contacts, polarized or not, rated from 1 A to 25 A and used in aircraft on-board circuits. It describes specific environmental, electrical and mechanical characteristics and the stringency of tests to be applied according to test methods of EN 3841-100.

These circuit breakers are intended for use in aircraft with electrical supplies in accordance with EN 2282 (all categories).

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 2083, *Aerospace series — Copper or copper alloys conductors for electrical cables — Product standard*

EN 2282,¹ *Aerospace series — Characteristics of aircraft electrical supplies*

EN 2825, *Aerospace series — Burning behaviour of non-metallic materials under the influence of radiating heat and flames — Determination of smoke density*

EN 2826, *Aerospace series — Burning behaviour of non-metallic materials under the influence of radiating heat and flames — Determination of gas components in the smoke*

EN 3841-*, *Aerospace series — Circuit breakers — Test methods*

EN 3844-1, *Aerospace series — Flammability of non-metallic materials — Part 1: Small burner test, vertical — Determination of the vertical flame propagation*

TR 6083,² *Aerospace series — Cut-outs for installation of electrical components*

MIL-I-81969/1A,³ *Installing and removal tools, connector electrical contact, type III, class 2, composition C*

MIL-I-81969/14C,³ *Installing and removal tools, connector electrical contact, type III, class 2, composition B*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ Published as ASD-STAN Standard at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <https://www.asd-stan.org/>.

* All parts quoted in this document.

² Published as ASD-STAN Technical Report at the date of publication of this document by AeroSpace and Defence industries Association of Europe — Standardization (ASD-STAN), <http://www.asd-stan.org/>.

³ Published by: Department of Defense (DOD), the Pentagon, Washington D.C. 20301 USA.