ICS 49.060 SLOVENSKÁ TECHNICKÁ NORMA Apríl 2024

STN	**Letectvo a kozmonautika Trojpólové ističe, tepelne kompenzované, menovitý prúd od 1 A do 25 A Časť 006: Plochá svorka 6,3 mm a 2,8 mm S polarizovaným signálovým kontaktom Norma na výrobok**	**STN EN 2996-006** 31 1745

Aerospace series - Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A - Part 006: 6,3 mm and 2,8 mm blade terminal - With polarized 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. 03/24

Obsahuje: EN 2996-006:2023

138382

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 2996-006

December 2023

ICS 49.060

English Version

Aerospace series - Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A - Part 006: 6,3 mm and 2,8 mm blade terminal - With polarized signal contact - Product standard

Série aérospatiale - Disjoncteurs tripolaires compensés en température, intensités nominales 1 A à 25 A - Partie 006 : Borne à lames de 6,3 mm et 2,8 mm avec contact de signalisation polarisé - Norme de produit

Luft- und Raumfahrt - Schutzschalter, dreipolig, temperaturkompensiert, Nennströme von 1 A bis 25 A - Teil 006: Flachsteckverbinder 6,3 mm und 2,8 mm - Mit polarisiertem - Signalkontakt Produktnorm

This European Standard was approved by CEN on 15 October 2023.

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

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Ref. No. EN 2996-006:2023 E

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European foreword

This document (EN 2996-006:2023) 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.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.

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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 to 90 °C for ratings > 15 A and at an altitude of 15 000 m max.

These circuit breakers are operated by a push-pull type single pushbutton (actuator), with delayed action “trip-free” tripping.

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

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

EN 3841-305[1], *Aerospace series — Circuit breakers — Test methods — Part 305: Short-circuit performance*

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

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

AMS-STD-595, *Colours Used in Government Procurement*

EN IEC 60934:2019, *Circuit Breakers for Equipment (CBE)* (IEC 60934:2019)

[1] Published as ASD-STAN Standard at the date of publication of this standard https://www.asd-stan.org/.

[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), https://www.asd-stan.org/.