
Aeronavtika - Odklopniki, tripolni, temperaturno kompenzirani, za naznačene tokove od 1 A do 25 A - 006. del: Ploski spoji 6,3 mm - Standard za proizvod

Aerospace series - Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A - Part 006: 6,3 blade terminal - Product standard

Luft- und Raumfahrt - Schutzscharter, dreipolig, temperaturkompensiert, Nennströme von 1 A bis 25 A - Teil 006: Flachsteckverbinder 6,3 - Produktnorm

Série aérospatiale - Disjoncteurs tripolaires compensés en température, intensités nominales 1 A à 25 A - Partie 006 : Borne à lame 6,3 - Norme de produit

Ta slovenski standard je istoveten z: EN 3774-006:2023

[SIST EN 3774-006:2024](https://standards.slovenski-standard.si/standards/sist/en/3774-006-2024)

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temperature compensated, rated currents 1 A to 25 A -
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- Teil 006: Flachsteckverbinder 6,3 - Produktnorm

This European Standard was approved by CEN on 22 October 2023.

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SIST EN 3774-006:2024

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European foreword

This document (EN 3774-006:2023) 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of an identical text or by endorsement, at the latest by June 2024, and conflicting national standards shall be withdrawn at the latest by June 2024.

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EN 3774-006:2023 (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 $\leq 15\text{ A}$ and -55 °C to 90 °C for ratings $> 15\text{ A}$ 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 3774-001,¹ *Aerospace series — Circuit breakers, three-pole, temperature compensated, rated currents 1 A to 25 A — Part 001: Technical specification*

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

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

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

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

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp/>
- IEC Electropedia: available at <https://www.electropedia.org/>

4 Dimensions and mass**4.1 Dimensional characteristics**

The circuit breakers do not have to correspond to the pictorial illustration, only the dimensions given shall be adhered to. The mounting surface is the contact surface with the panel.

See Figure 1.

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/>.

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/>.