

<b>STN</b>	<b>Letectvo a kozmonautika</b> <b>Trojpolové ističe, tepelne kompenzované,</b> <b>menovitý prúd od 1 A do 25 A</b> <b>Časť 006: Plochá svorka 6,3 mm</b> <b>Norma na výrobok</b>	<b>STN</b> <b>EN 3774-006</b>  31 1743
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Aerospace series - Circuit breakers, three-poles, temperature compensated, rated currents 1 A to 25 A - Part 006: 6,3 blade terminal - 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 3774-006:2023

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EUROPEAN STANDARD

**EN 3774-006**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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 blade terminal - Product standard**

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

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

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

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
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EUROPÄISCHES KOMITEE FÜR NORMUNG

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**EN 3774-006:2023 (E)**

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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.

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.

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 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  $-55\text{ °C}$  and  $125\text{ °C}$  for ratings  $\leq 15\text{ A}$  and  $-55\text{ °C}$  to  $90\text{ °C}$  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,<sup>1</sup> *Aerospace series — Characteristics of aircraft electrical supplies*

EN 3774-001,<sup>1</sup> *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,<sup>2</sup> *Aerospace series — Cut-outs for installation of electrical components*

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**

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<sup>1</sup> 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/>.

<sup>2</sup> 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/>.