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**BUREAU OF INDIAN STANDARDS**

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*भारतीय मानक मसौदा*

**विमान प्रदर्शन आवश्यकताओं के लिए सामान्य प्रयोजन पुश-पुल  
सिंगल-पोल सर्किट-ब्रेकर**

*(पहला पुनरीक्षण)*

*Draft Indian Standard*

**GENERAL PURPOSE PUSH-PULL SINGLE-POLE CIRCUIT-BREAKERS FOR AIRCRAFT  
PERFORMANCE REQUIREMENTS**

*( First Revision )*

ICS: 49.060

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**Air and Space Vehicles Sectional Committee, TED 14 Last date for receipt of comments is  
28/08/2024**

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**NATIONAL FOREWORD**

*(Identical Clause to be added later)*

This standard was originally published in 1978. The first revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 1467:2024.

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'.
- Comma (,) has been used as a decimal marker, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

The technical committee has reviewed the provisions of following International Standards referred in this adopted standard and has decided that they are acceptable for use in conjunction with this standard:

<i>International Standard</i>	<i>Title</i>
ISO 2635	Aircraft — Conductors for general purpose aircraft electrical cables and aerospace applications — Dimensions and characteristics

ISO 530	Aircraft — General purpose push-pull single-pole circuit-breakers — Dimensions
ISO 1540	Aerospace — Characteristics of aircraft electrical systems
ISO 7137	Aircraft — Environmental conditions and test procedures for airborne equipment

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 2022 'Rules for rounding off numerical values (*second revision*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

### **SCOPE**

This document specifies the performance requirements for push-pull single-pole trip-free circuit-breakers having an inverse time/current characteristic, of normal ratings up to and including 35 A, for use in nominal 28 V d.c and/or 115 V single-phase 400 Hz a.c. line to neutral circuits.

**FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 1467: 2024 or CONTACT:**

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