
INTERNATIONAL STANDARD



530

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

Aircraft — General purpose push-pull single-pole circuit-breakers — Dimensions

Aéronefs — Disjoncteurs unipolaires à bouton-poussoir d'usage courant — Dimensions

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FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 530 was drawn by Technical Committee ISO/TC 20, *Aircraft and space vehicles*.

It was submitted directly to the ISO Council, in accordance with clause 6.12.1 of the Directives for the technical work of ISO.

This International Standard cancels and replaces ISO Recommendation R 530-1966, which had been approved by the Member Bodies of the following countries :

Argentina	France	Spain
Belgium	Germany	Sweden
Canada	Israel	Switzerland
Chile	Italy	Turkey
Czechoslovakia	Japan	United Kingdom
Egypt, Arab Rep. of	Netherlands	U.S.S.R.

No Member Body had expressed disapproval of the document.

Aircraft – General purpose push-pull single-pole circuit-breakers – Dimensions

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0 INTRODUCTION

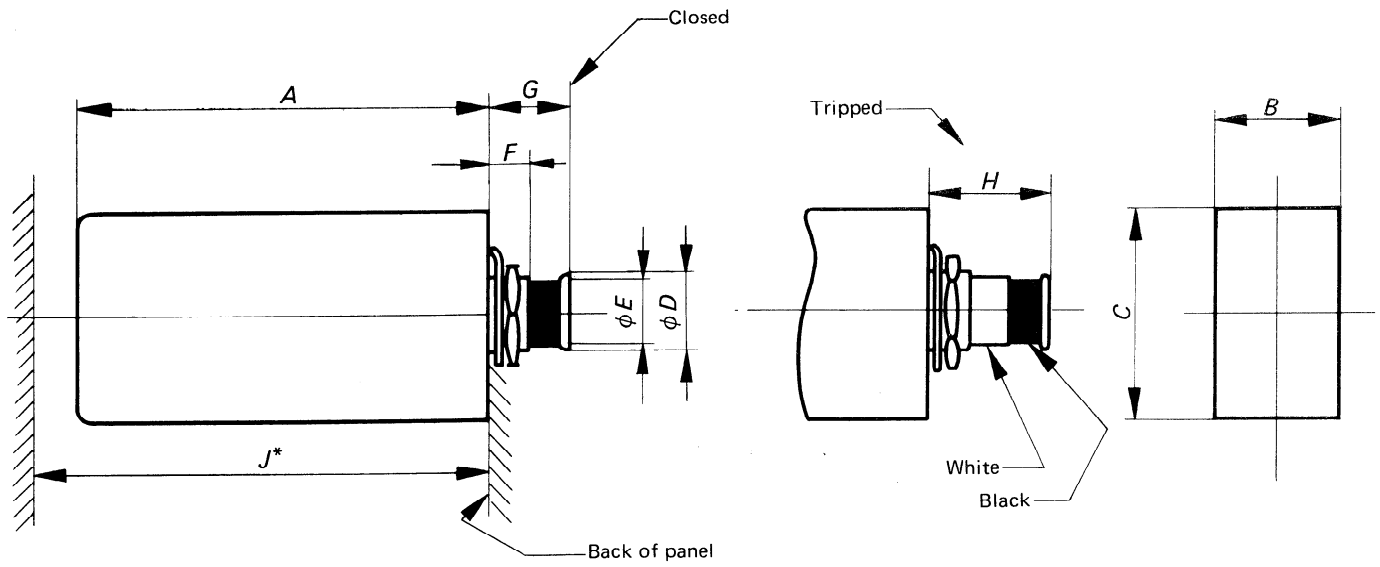
Attention is drawn to the necessity for the national approving authority being satisfied that the rupturing capacity of a particular circuit-breaker is adequate for the application in which it is proposed to be used.

1 SCOPE AND FIELD OF APPLICATION

This International Standard specifies the dimensions of general purpose push-pull single-pole circuit-breakers for aircraft.

2 DIMENSIONS

- 2.1 The dimensions of general purpose push-pull single-pole aircraft circuit-breakers, of ratings up to and including 35 A, shall not exceed those shown in figure 1.
- 2.2 The dimensions of the part of the circuit-breaker projecting through the mounting panel shall be as shown in figure 1.
- 2.3 The circuit-breaker shall have at the centre of the front face of the case a 12 mm diameter, 1 mm pitch, or equivalent, male thread for fixing through the mounting panel.
- 2.4 The holes in the mounting panel for fixing the circuit-breaker shall be as shown in figure 2. The small panel hole may be used to prevent rotation of the circuit-breaker.



Dimension	mm	in	Dimension	mm	in
A max.	63	2.5	F max.	8,2	0.325
B max.	19,5	0.77	F max.	9	0.36
C max.	33	1.3	G max.	16,3	0.65
D max.	10,4	0.41	H max.	22,8	0.9
			J* min.	80	3.1

* Recommended minimum clearance.

FIGURE 1 – Dimensions of single-pole circuit-breakers (of ratings up to and including 35 A)

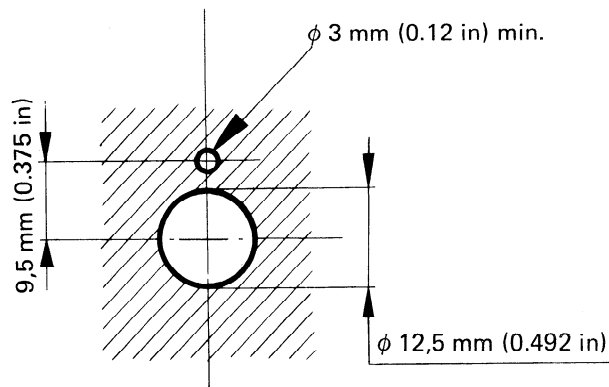


FIGURE 2 – Panel drilling