

ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

ISO RECOMMENDATION

R 530

DIMENSIONS FOR GENERAL PURPOSE PUSH-PULL
SINGLE-POLE CIRCUIT-BREAKERS
FOR AIRCRAFT

1st EDITION

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BRIEF HISTORY

The ISO Recommendation R 530, *Dimensions for General Purpose Push-Pull Single-Pole Circuit-Breakers for Aircraft*, was drawn up by Technical Committee ISO/TC 20, *Aircraft*, the Secretariat of which is held by the British Standards Institution (BSI).

Work on this question by the Technical Committee began in 1958 and led, in 1962, to the adoption of a Draft ISO Recommendation.

In September 1964, this Draft ISO Recommendation (No. 744) was circulated to all the ISO Member Bodies for enquiry. It was approved by the following Member Bodies:

Argentina	Germany	Sweden
Belgium	Israel	Switzerland
Canada	Italy	Turkey
Chile	Japan	U.A.R.
Czechoslovakia	Netherlands	United Kingdom
France	Spain	U.S.S.R.

No Member Body opposed the approval of the Draft.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in December 1966, to accept it as an ISO RECOMMENDATION.

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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. The dimensions of general purpose push-pull single-pole aircraft circuit-breakers, of ratings up to and including 35 A, should not exceed those shown in Figure 1, page 4.
2. The dimensions of the part of the circuit-breaker projecting through the mounting panel should be as shown in Figure 1.
3. The circuit-breaker should 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.
4. The holes in the mounting panel for fixing the circuit-breaker should be as shown in Figure 1 (a). The small panel hole may be used to prevent rotation of the circuit-breaker.