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low-voltage ac integrally fused power circuit breakers

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An American National Standard

**IEEE Standard for
Low-Voltage AC Integrally Fused
Power Circuit Breakers**

Sponsor

**Switchgear Committee of the
IEEE Power Engineering Society**

Approved December 19, 1974

IEEE Standards Board

Secretariat

**Edison Electric Institute
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Foreword

(This foreword is not a part of American National Standard for Low-Voltage AC Integrally Fused Power Circuit Breakers, C37.13a-1975 (IEEE Std 528-1976).)

It appears desirable to consolidate several standards dealing with low-voltage power circuit breakers. As a step toward eventually including integrally fused circuit breakers in the same standard as the circuit breakers used in enclosures, American National Standard for Low-Voltage AC Integrally Fused Power Circuit Breakers, C37.28-1969, is being revised to become American National Standard C37.13a-1975 (IEEE Std 528-1976) and is being put into a format compatible with American National Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures, C37.13-1973 (IEEE Std 20-1975). It is the present intention that at the next revision of C37.13-1973, the two standards shall be completely consolidated and the separate standard for integrally fused circuit breakers shall cease to exist.

This edition of C37.13a-1975 should be regarded as a supplement to C37.13-1973. It contains only those paragraphs that serve to distinguish the integrally fused circuit breaker from the low-voltage ac power circuit breaker. The distinguishing elements are sometimes additions, sometimes omissions, and sometimes substitutions. Where the requirements of C37.13-1973 adequately describe the requirements for the fused breakers, the words are not repeated, but instead reference is made to C37.13-1973. This document, therefore, is not a complete standard in and of itself, but must be considered in conjunction with C37.13-1973.

Through C37.13-1973 reference is made to other pertinent standards. American National Standard for Test Procedures for Low-Voltage AC Integrally Fused Power Circuit Breakers Used in Enclosures, C37.50a-1975, is also an important reference document.

The Standards Committee on Power Switchgear C37, which reviewed and approved this standard had the following personnel at the time of approval:

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