

An American National Standard

IEEE Standard Application Guide for Low-Voltage AC Nonintegrally Fused Power Circuit Breakers (Using Separately Mounted Current-Limiting Fuses)

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

Secretariat

**Institute of Electrical and Electronics Engineers
National Electrical Manufacturers Association**

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Foreword

(This Foreword is not a part of ANSI/IEEE C37.27-1987, IEEE Standard Application Guide for Low-Voltage AC Nonintegrally Fused Power Circuit Breakers [Using Separately Mounted Current-Limiting Fuses].)

This publication is one of a series of complementary American National Standards:

ANSI/IEEE C37.13-1981, IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures

ANSI/IEEE C37.14-1979, IEEE Standard for Low-Voltage DC Power Circuit Breakers Used in Enclosures

ANSI C37.16-1980, American National Standard Preferred Ratings, Related Requirements, and Applications Recommendations for Low-Voltage Power Circuit Breakers and AC Power Circuit Protectors

ANSI C37.17-1979, American National Standard Trip Devices for AC and General Purpose DC Low-Voltage Power Circuit Breakers

ANSI/IEEE C37.18-1979, IEEE Standard Enclosed Field Discharge Circuit Breakers for Rotating Electric Machinery

ANSI/IEEE C37.20-1969, IEEE Standard for Switchgear Assemblies Including Metal-Enclosed Bus (Includes Supplements ANSI/IEEE C37.20a-1970, ANSI/IEEE C37.20b-1972, ANSI/IEEE C37.20c-1974, and ANSI/IEEE C37.20d-1978)

ANSI/IEEE C37.29-1981, IEEE Standard for Low-Voltage AC Power Circuit Protectors Used in Enclosures

This application guide represents the standard practice in the United States relating to combination of low-voltage ac power circuit breakers (see ANSI/IEEE C37.13-1981) and low-voltage ac current-limiting cartridge fuses. This application guide specifically does not cover the combination of molded case circuit breakers and low-voltage current-limiting fuses. It does cover the combination of low-voltage air circuit breakers and separately mounted current-limiting fuses that together function as a coordinated protective device.

It is the policy of both the Institute of Electrical and Electronics Engineers and American National Standards Accredited Committee C37 to maintain this standard current with the state of the technology. Comments on this standard, as well as suggestions for additional material that should be included are invited. These should be addressed to the American National Standards Institute, 1430 Broadway, New York, N.Y. 10018, with copy to the

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