

IEEE Power Engineering Society  
Switchgear Committee  
Low Voltage Switchgear Devices Subcommittee

C37.13 and C37.27 Working Group Report  
Portland, Oregon  
September 22, 2003

### **C37.13 Low-Voltage AC Power Circuit Breakers Used in Enclosures**

PC37.13 WG met Monday morning, September 22, 2003, with three members, ten guests present, and two members excused. PC37.13/D7 was discussed and PC37.13/D8 created during the meeting.

#### **Discussion Items**

1. 50/60 Hz: Text was revised and agreed to concerning testing for 50 Hz, 60 Hz, and dual rated 50/60 Hz circuit breakers.
2. Fused circuit breakers – Short-Time Rating: For fused circuit breakers, D8 – Clause 5.6 revised to clearly state that fused circuit breakers do not have a short-time current rating. Informative text concerning the short-time rating of the basic circuit breaker element is moved to a note.
3. Classification of Materials: Paul Barnhart is to propose wording concerning polymeric and non-polymeric materials. This is open action item and will be reviewed by email correspondence.
4. Instantaneous Phase Trip Element Settings: The application guide section (Clause 8) tests was updated with respect to the Instantaneous Phase Trip Unit maximum settings and coordination with NEC.

Draft PC37.13/D8 is to be distributed for comment prior to receipt of Paul Barnhart input on material classifications – target is no later than October 1, 2003.

### **C37.27 Application Guide for Low-Voltage AC Nonintegrally Fused Power Circuit Breakers (Using Separately Mounted Current-Limiting Fuses)**

1. No review of C37.27 was made. Draft 1 was provided and will be provided electronically no later than October 1, 2003.

Report submitted by: D. Edwards, PE  
PC37.13 and PC37.27 WG Chair