

IEEE Power Engineering Society
Switchgear Committee
Low Voltage Switchgear Devices Subcommittee

C37.13 and C37.27 Working Group Report
May 3, 2004 - Galveston, Texas

PC37.13 and PC37.27 working groups (combined) met on Monday morning May 3, 2004, with five members, 14 guests present, and two members excused.

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

Discussion Items

1. PC37.27/D1 was reviewed in its entirety and PC37.27/D2 completed during the meeting except for updating of the figures.
2. Action item is to update the figures to show current electronic type trip unit and fuse time current characteristics and coordination. Revision is needed to correct identified mistake in Figure 2 concerning circuit breaker minimum total clearing time and in Figure 3 to make corrections of the time comparisons inequalities. Technical discussions were primarily with respect to clear understanding of the three figures.
3. Revision was made to include a definition's section.

Schedule

4. Draft PC37.13/D2 with updated figures will be submitted to the WG for review by the end of May.
5. Ballot process will be initiated by end of May.

Action Item

6. WG request motion to ballot PC37.27

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

Discussion Items

1. PC37.13/D8 (two specific issues) was discussed and PC37.13/D9 created during the meeting. The document is complete except for one last items (almost there) – Classification of Materials.
2. Classification of Materials: The specific sections were targeted for update and a concept developed for the details to be provided concerning references to UL documentation for polymeric and non-polymeric materials.
3. Additional text was added to harmonize with C37.50 clause 3.9.5.

Schedule

4. Draft PC37.13/D9 will be updated and submitted to the WG for review by the end of May.
5. Balloting process will be initiated by end of May. Approval for ballot request was previously made by LVSD.

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