

Low-Voltage Switchgear Devices Committee
MINUTES OF THE SPRING 2024 MEETING
The Westin Fort Lauderdale Beach Resort, Fort Lauderdale, FL
Wednesday, April 3, 2024, 3:45 PM

1. Call to order

Meeting was called to order by Chair, Jeff Mizener, at 3:45 PM on Wednesday April 3, 2024.

2. Introduction of attendees

Participants introduced as recorded below. There were 19 of 23 members in attendance plus 11 guests. Quorum was met.

3. Approval of Agenda

The agenda was reviewed by WG motion to accept by Mike Lafond(1st) and Kevin Sippel (2nd), motion was approved by unanimous consent.

4. Approval of the minutes from the previous meeting

The minutes from the last meeting were shared. Motion to approve by Mike Lafond (1st) and by Clint Carne(2nd). The minutes were approved by unanimous consent.

5. Working Group/Task Force/Study Group Status Reports

a) C37.13: IEEE Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures **K. Flowers**

Working Group Met on Monday 4/1, 17 of 20 members present and a total of 41 attendees. Initial ballot (Draft 12) closed on March 28, 2024. 172 ballot comments to resolve (62 technical comments). Reviewed technical comments regarding definitions, thermal testing, Insulating material qualifications, grounding and isolation testing requirements. Virtual meeting will be held by the end of June to address the balance of comments. Recirculation ballot targeted for July 2024.

b) C37.13.1 Definite-Purpose Switching Devices for Use in Metal Enclosed Low-Voltage (600V AC and Below) Power Circuit Breaker Switchgear **D. Zia**

WG C37.13.1 met on Tuesday 4/2 at 8:00am. There were 7 members and 23 guests in attendance, quorum was achieved. Three new members were added to the WG.

Draft 3 was discussed during the meeting. Areas identified for potential further updates included:

- Alignment of interlock and interchangeability requirements. AdHoc to address, led by Mike Lafond.
- Revisions to the introductory pages (to be revised by WG chair and circulated before next meeting)

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- Alignment of dielectric testing, drawout mechanism verbiage, cheesecloth requirement and temperature rise limits from C37.13. (To be revised by WG chair and circulated before next meeting)

Additionally, following a request, Dan Hrcir volunteered to do a short presentation on LVDPS for the next meeting.

The WG plans to submit the document for ballot at the next meeting.

c) C37.17 IEEE Standard for Trip Systems for Low-Voltage (1000 V and below) AC and General Purpose (1500 V and below) DC Power Circuit Breakers
J. Mizener

C37.17 met on Monday 4/1 at 1:30pm. There were 14 members and 8 guests in attendance, quorum was not initially achieved. A member voted to accept the agenda and minutes at the last minute. There were no further issues voted on.

Three main issues were discussed: Adding “indirect-acting trip system”; removing references and requirements for electromechanical trip devices – which will require a PAR revision; confronting the discrepancy between C37.13 & C37.17 regarding long-time trip setting being allowed to be greater than (13) or not greater than (17) the continuous current rating of the trip device. LVSD is requested to provide guidance on resolving this. A straw-man draft is being created to incorporate these changes as well as others and it will be circulated for discussion.

d) C37.14 IEEE Standard for DC (3200V and below) Power Circuit Breakers Used in Enclosures
L. Grahor

The working group met on Tuesday 4/2, 10 members and 9 guests at the meeting quorum was met. Comments on Draft 3 were reviewed at the meeting. An Adhoc on the Tables was formed and will be led by Brian Gerzeny.

The working group voted to proceed to ballot after the work of the Ad Hoc on Tables is completed, which should be completed by the end of July. A motion was made to proceed to ballot, the motion carried by unanimous consent.

e) C37.27 IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses

M. Valdes

Working group did not meet. Initial Ballot (Draft 3) closed on March 16, 2024. Working group chair to prepare strawman comment resolutions. Target a virtual meeting by the end of May. Recirculation target for July 2024. Expect to be ready to submit to RevCom in October 2024.

6. Old Business

None

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7. New Business

- a) LVSD New Members: Erin Hardy and Robert Burns
- b) Network Protectors: Agenda item requested by Keith Flowers. Information was Presented on IEEE C57.12.44. Motion: Moves that the IEEE PES Switchgear Committee Low-Voltage Switchgear Devices Subcommittee request to become co-standards committee of the IEEE Std C57.12.44 standard. SA may also have interest. Motion carries by unanimous consent.
- c) Procedure for Meeting Rooms – WG Chairs, advise LVSD Subcommittee Chair concerning WG meeting room requirements (preferred schedule, number of participants, and A/V needs). Provide details no later than April 30, 2024
- d) ADSCOM/Main Committee Meeting Items – Low-Voltage Switchgear Devices Subcommittee request to become co-standards committee of the IEEE Std C57.12.44 standard.
- e) Long Time Pickup Setting: C37.13 allows for long time pickup above continuous current rating C37.17 does not. Conclusion: refer this issue back to C37.13 and C37.17, some improvement/clarification may be needed.
- f) C37.17 Scope: Remove electromechanical and add indirect acting trip devices from the Scope of C37.17. Clint Carne made the motion Ted Burse 2nd. Motion was defeated. More investigation is needed.
- g) Working Group Minutes – Working group chairs should have their minutes emailed to Lou Grahor preferably by April 30, 2024, for publishing on the website. Email address: LouisFGrahor@eaton.com

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8. Upcoming meetings

- Fall 2024: October 13-17, Oklahoma City, OK
- Spring 2025: April 6-11, Orlando, FL
- Fall 2025: October 5-9, Reno, NV
- Spring 2026: April 26-30, Clearwater Beach, FL

9. Adjourn

Meeting adjourned at 4:34 PM.

Reported by: Lou Grahor – LVSD Vice Chair

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Attendance record:

First Name	Last Name	Company	Role	
Paul	Barnhart	UL LLC	Member	✓
Francis	Beauchemin	Hydro-Quebec	Guest	✓
Randy	Blake	Schneider Electric	Guest	✓
Robert	Burns	Eaton	Member	✓
Ted	Burse	Powell Industries	Member	✓
Clint	Carne	Schneider Electric	Member	✓
Daniel	Delfino	ABB	Member	✓
Doug	Edwards	Siemens Industry, Inc.	Member	✓
Marc	Foster	Schneider Electric	Guest	✓
Keith	Flowers	Siemens Industry, Inc.	Member	✓
Ilya	Glinsky	Southern California Edison	Guest	✓
Lou	Grahor	Eaton Corporation	V. Chair	✓
Erin	Hardy	Eaton	Member	✓
Tom	Hawkins	Siemens Industry, Inc.	Member	✓
Tyler	Holp	Eaton	Guest	✓
Dan	Hrcir	Eaton	Member	✓
Terry	Hunt	Westinghouse	Guest	✓
John	Kaminski	Siemens Industry, Inc.	Guest	✓
Mike	Lafond	UL LLC	Member	✓
Ken	McKinney	UL LLC	Guest	✓
Jeff	Mizener	Siemens Industry, Inc.	Chair	✓
Darryl	Moser	ABB	Member	✓
Owen	Parks	ABB	Member	✓
Paul	Rakus	Eaton	Member	✓
Amy	Rowell	Schneider Electric	Guest	✓
Wahaj	Saleem	Siemens Industry, Inc.	Guest	✓
Carl	Schneider	Schneider Electric	Member	✓
Kevin	Sippel	Eaton	Member	✓
Bryan	Tatum	UL LLC	Guest	✓
Christo	Thomas	Schneider Electric	Member	✓
Danish	Zia	UL LLC	Member	✓

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