

Minutes
LVSD Subcommittee Meeting
October 19, 2022. 3:45pm – 5:30 pm EDT
Hilton Lake Champlain – Burlington, VT

1. Call to Order

The meeting was called to order by WG Chair at 3:45pm on October 19, 2022.

2. Introductions

Participants introduced as recorded below. There were 17 of 23 members in attendance plus 8 guests. Quorum was met.

3. Approval of Agenda

RO of agenda was shared. Motion to approve by Hawkins, 2nd by Rakus. Approved by unanimous consent with one correction: C37.27 *has* an approved PAR and the meeting was not of a PAR Study Group.

4. Approval of Past Minutes

The minutes from the last meeting were shared. Motion to approve by Valdes, 2nd by Burse. The minutes were approved by acclamation with one correction, "Marcelo" not "Marcello".

5. Rules and Guidelines for conducting Working Group Meetings

Verbal call for Essential Patents – None Identified

6. IEEE SA Copyright Policy

Link and Slides for SA Copyright Policy shared, the slides are located [available here](#).

7. IEEE Codes of Ethics & Conduct: Working Group P&Ps

Link for Working Group P&Ps was shared

8. Working / Task Force Group Status Reports / Document Status Updates

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

Met on Monday 10/17, 15 members of 21 present, 26 in attendance.
Key items: The Ad Hoc on thermal testing of power circuit breakers will be revived to prepare recommendations for WG consideration.
An Ad Hoc will be convened prepare documentation to be added to the document with respect to TCCs, documentation testing thereof.
WG agenda was not completed; an on-line meeting will be held in the near future.

K. Flowers

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

Met Tuesday 10/18, 11 in attendance. Document will expire Jan 26. No update of the maximum voltage due to limitations of fuses. Scope & purpose approved by unanimous consent. Moved to submit a PAR, approved by unanimous consent.

D. Zia

- c.** PAR Study Group for 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

Met on Monday 10/17. Discussed issues to be considered in a revision of the document, not the least of which was what to do with the performance requirements for electromechanical trip units. The PAR was written during the meeting and approved by for consideration and submittal.

J. Mizener

Minutes
LVSD Subcommittee Meeting
October 19, 2022. 3:45pm – 5:30 pm EDT
Hilton Lake Champlain – Burlington, VT

- d.** C37.14 IEEE Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures *L. Grahor*
Met on Monday, 10/17. Confirmed Traction Power Group as co-sponsor. A representative from the WG was appointed by TPG and in attendance. It was decided to return the words "Low-Voltage" to the title of the document because all devices covered in the document go into C37.20.1 equipment. 3200V DC is not "low voltage" per NEC, but the NEC is inconsistent with respect to the use of the term "low voltage".
- e.** C37.27 IEEE Application Guide for Low-Voltage AC Power Circuit Breakers Applied with Separately-Mounted Current-Limiting Fuses *M. Valdez*
Met on 10/18 with three attendees. Points of possible revision were discussed, including the fact that many newer LV PCBs are derived from IEC designs and may exhibit low withstand or MCCB-like current-limiting behavior. Three additional volunteers were added to the WG today. In discussion is changing the document to a Recommended Practice.
- 9. Old Business** *D. Hrncir*
- a.** None
- 10. New Business** *D. Hrncir*
- a.** LVSD New Members: *D. Hrncir*
None added this meeting.
- b.** LVSD Officer Rotation January 1, 2023 *D. Hrncir*
Hrncir rolls off, Mizener/Grahor to assume leadership
- c.** Procedure for Meeting Rooms *D. Hrncir*
WG Chairs, advise LVSD Subcommittee Chair concerning WG meeting room requirements (preferred schedule, number of participants, and A/V needs). WG Chairs are requested to minimize your meeting session count in order to minimize the chance of meeting-overlap. Provide details no later than November 21, 2022.
- d.** ADSCOM/Main Committee Meeting Items *D. Hrncir*
Main Committee: normal report out.
- e.** Working Group Minutes – Working group chairs should have their minutes emailed to Jeff Mizener preferably by November 21, 2022, for publishing on the website. Email address: jeff.mizener@ieee.org *D. Hrncir*
- 11. Upcoming Meetings:** *D. Hrncir*
- Spring 2023: Clearwater Beach, FL
 - Fall 2023: San Diego, CA
- 12. Adjourn** *D. Hrncir*
The meeting was adjourned at 4:30 EDT

Minutes
LVSD Subcommittee Meeting
October 19, 2022. 3:45pm – 5:30 pm EDT
Hilton Lake Champlain – Burlington, VT

Attendance:

Name	Status	Affiliation
Paul Barnhart	Member	Underwriters Laboratories
Robert Burns	Guest	Eaton Electric
Ted Burse	Member	Powell Industries, Inc
Clint Carne	Guest	Schneider Electric
Daniel Delfino	Member	ABB
Arkadiusz Doroz	Guest	Eaton
Keith Flowers	Member	Siemens Industry, Inc.
Sahadev Gohil	Member	Avail Switchgear Systems
Lou Grahor	Member	Eaton Corporation
Erin Hardy	Guest	Eaton Electric
Tom Hawkins	Member	Siemens Industry, Inc.
Dan Hrnecir	Member	Eaton
John Kaminski	Guest	Siemens
Michael Lafond	Member	Unaffiliated
Ken McKinney	Guest	UL LLC
Jeff Mizener	Member	Siemens Industry, Inc.
Darryl Moser	Member	ABB
Owen Parks	Member	ABB
Paul Rakus	Member	Eaton
Carl Schneider	Member	Schneider Electric
Kevin Sippel	Member	Eaton Electric
Christo Thomas	Member	Schneider Electric
Marcelo Valdes	Guest	ABB
Danish Zia	Member	UL LLC
Wahaj Saleem	Guest	Siemens Industry, Inc.