

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

## Minutes

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**Meeting Date:** 17 October 2022

**Meeting Time:** Session #1: 08:00 AM – 9:45 AM;  
Session #2: 10:15 PM – Noon

**Location:** Hilton Burlington, VT

### A. Call to order

The meeting of the IEEE C37.13 Working Group was called to order at 8 am by Keith Flowers.

### B. Approval of agenda

The meeting agenda was reviewed. Motion to approve the agenda was made by Mike Lafond and seconded by Darryl Moser. The agenda was approved by unanimous consent.

### C. Introductions/Attendance

Introductions were made of all attendees. Attendees are listed below. Quorum was confirmed with 15 of 21 members present and a total of 26 attendees.

First Name	Last Name	Affiliation	Type
Chris	Bohrer	Utility Relay Co.	Guest
Robert	Burns	Eaton Corporation	Guest
Ted	Burse	Powell Industries	Member
Clint	Carne	Schneider Electric	Member
Daniel	Delfino	ABB	Member
Eric	Doroz	Eaton	Guest
Doug	Edwards	Siemens Industry, Inc.	Member
Keith	Flowers	Siemens Industry, Inc.	Chair
Lou	Grahor	Eaton Corporation	Member
Erin	Hardy	Eaton	Guest
Tom	Hawkins	Siemens Industry, Inc.	Guest
Dan	Hrcir	Eaton	Member
Terry	Hunt	Westinghouse	Guest
John	Kaminski	Siemens Industry, Inc.	Guest
Michael	Lafond	Self	Member
Jeff	Mizener	Siemens Industry, Inc.	Member
Darryl	Moser	ABB	Member
Owen	Parks	ABB	Member
Paul	Rakus	Eaton	Member
Wahaj	Saleem	Siemens Industry, Inc.	Guest
Todd	Sauve	Rockwell Automation	Guest
Kevin	Sippel	Eaton Electric	Guest
Christo	Thomas	SCHNEIDER ELECTRIC USA INC	Member
Marcelo	Valdes	ABB	Member
Will	Weishuhn	ABB	Guest
Danish	Zia	UL LLC	Member

#### D. Approval of Spring 2022 Meeting Minutes

Draft 1 of the Spring 2022 IEEE C37.13 Working Group meeting were reviewed. Motion to approve the minutes was made by Mike Lafond and seconded by Marcelo Valdes. The meeting minutes were approved by unanimous consent.

#### E. Rules and guidelines for conducting working group meetings

The IEEE Patent Policy and Business Conduct slides may be reviewed at the following website:

<https://mentor.ieee.org/myproject/Public/mytools/mob/slideset.pdf>

#### F. Working group P&Ps

The approved template for the Switchgear Committee is:

[https://www.ewh.ieee.org/soc/pes/switchgear/O-and-P/PES\\_SWG\\_WG\\_PnP\\_Final\\_2019-03-19.pdf](https://www.ewh.ieee.org/soc/pes/switchgear/O-and-P/PES_SWG_WG_PnP_Final_2019-03-19.pdf)

#### G. Document status report

- PAR request date: 07 May 2019
- PAR approval date: 05 Sep 2019
- PAR expiration date: 31 Dec 2023

#### H. Old business

- Thermal testing power circuit breakers
  - IEEE Std C37.20.2 implemented significant revisions to testing protocol
  - The Working Group reconstituted the thermal testing ad hoc to resume the analysis of the revised C37.20.2 thermal testing process, as well as other standardized processes.
  - Ad hoc restarted to formulate a recommendation with regard to thermal testing requirements for Working Group consideration.

**ACTION:** *Keith Flowers (Thermal ad hoc chair) will schedule an ad hoc meeting. Target is to get restarted in the next 60 days.*

- Time-Current Curves
  - The Working Group had a discussion on the necessity and application of time-current curves – particularly with regard to design testing, selectivity, and arc-flash calculations
  - Ad hoc formed to formulate a recommendation with regard to TCC definition(s) and/or requirements for Working Group consideration.

**ACTION:** *Paul Sullivan (TCC ad hoc chair) will schedule an ad hoc meeting. Target is to get started in the next 60 days.*

Minutes

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**I. Next steps**

***ACTION:** The Working Group was unable to complete the agenda. Keith Flowers (Chair) will conduct a virtual meeting to target completing the Fall 2022 agenda items. Target is to hold this meeting within the next 60 days.*

**J. Adjourn**