

PC37.20.1a, PC37.20.2a & PC37.21a Working Group Meeting Minutes Catamaran Resort San Diego CA, USA October 8, 2019

1. Welcome and member attendance

The meeting was called to order by WG Chair Dan Hrcir at 4:15 PM. Dan welcomed the members and guests. 23 members and 34 guests present. Membership total of 29, thus quorum threshold was met.

2. Introduction of members and guests

Introductions were made by all present

3. Approval of meeting agenda and previous meeting minutes

Motion to approve agenda made by Allan Morse and second by Mike Lafond with a unanimous approval.

Motion to approve minutes made by Mike Wactor and second by Ron Harzel with a unanimous approval.

4. Rules and guidelines for conducting working group meetings

The IEEE Patent Policy and Business Conduct slides can be retrieved using the following link: <http://standards.ieee.org/board/pat/pat-slideset.pdf>

5. Old Business

- a. PC37.20.1a D3, PC37.20.2a D3 and PC37.21a D3 were sent out for ballot on July 25, 2019.
- b. The ballot for PC37.20.1a D3, PC37.20.2a D3 and PC37.21a D3 was reset on August 1, 2019 due to several issues in the drafts.
- c. PC37.20.1a D4, PC37.20.2a D6 and PC37.21a D4 were sent out for re-ballot on August 29, 2019.
- d. All ballots closed on September 29, 2019.
- e. Comments received for PC37.20.1a D4, PC37.20.2a D6 and PC37.21a D4.
- f. Ballot Results:
 - i. PC37.20.1a D4: 67 ballots, 85% response rate, 98% approval rate, 8 comments
 - ii. PC37.20.2a D6: 77 ballots, 84% response rate, 96% approval rate, 7 comments
 - iii. PC37.21a D4: 74 ballots, 85% response rate, 91% approval rate, 30 comments

6. New Business

- a. Review comments/strawman on PC37.20.1a D4
- b. Review comments/strawman on PC37.20.2a D6
- c. Review comments/strawman on PC37.21a D4
- d. .21a & 20.2a WG decided to clarify voltage and current circuits by moving item e) to its own standalone sentence.
- e. Change overcurrent to overload
- f. SASC to capture for future PARs: Add NOTE - The use of overcurrent protective devices in circuits containing voltage presence indication in compliance with IEC 62271-213 is not recommended.
- g. Comment Resolution Group formed to review all 3 amendments side-by-side to ensure consistency. P. Barnhart, M. Lafond, A. Morse

7. Upcoming Meetings

Spring 2020	May 4 - 8, 2020 Peppermill Resort, Reno, NV
Fall 2020	October 4 - 8, 2020 Sheraton Sundance Square, Fort Worth, TX
Spring 2021	April 18-23, 2021 Hilton Charlotte University Place, Charlotte, NC

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8. Adjourn

The meeting adjourned at 5:32pm.

Minutes submitted by:

Dan Hrcir, WG Chair

<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Company</u>	<u>10/8/2019</u>
Chair	Dan	Hrcir	Eaton	X
Secretary	Michael	Wactor	Powell Industries, Inc	X
Member	Paul	Barnhart	Underwriters Laboratories	X
Member	Dave	Booth	Exiscan	
Member	Ted	Burse	Powell Industries, Inc	X
Member	Eldridge	Byron	Schneider Electric	X
Member	Randall	Creach	AZZ Switchgear Systems	
Member	Doug	Edwards	Siemens Industry, Inc.	X
Member	Michael	Flack	Southern Company Services, Inc.	X
Member	Sergio	Flores	Schneider Electric Inc. USA	X
Member	Sahadev	Gohil	AZZ Switchgear Systems	X
Member	Ronald	Hartzel	Eaton Corporation	X
Member	Tom	Hawkins	Siemens Industry, Inc.	X
Member	Jared	Hines	Eaton Corp.	X
Member	Jason	Hollander	CHA Consulting, Inc.	
Member	Michael	Lafond	ABB	X
Member	Charles	Morse	Siemens Industry, Inc.	X
Member	Terry	Neighbours	ABB Inc.	X
Member	John	Phouminh	PEPCO HOLDINGS, INC.	X
Member	Richard	Rohr	Powell Electrical Systems	X
Member	Tim	Rohrer	Exiscan	
Member	Leonel	Santos	Schneider Electric	X
Member	Carl	Schneider	Schneider Electric	
Member	Dean	Sigmon	Eaton Corporation	
Member	Garett	Sims	Eaton Corp.	X
Member	Paul	Sullivan	DuPont	X
Member	Donald	Swing	Powell Industries	X
Member	Chand	Tailor	Eaton Corporation	X
Member	Terrance	Woodyard	Siemens Industry Inc.	X
Guest	Shaharyar	Anjum	Kinectrics	X
Guest	Brad	Armstrong	Meramec Instrument Transformer Co.	X
Guest	Francis	Beauchemin	Hydro-Quebec	X
Guest	Gautami	Bhatt	Bechtel OGC	
Guest	Russell	Boyce	Eaton	X
Guest	Craig	Bryant	Duke Energy	X
Guest	Clint	Carne	Schneider Electric	X

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<u>Role</u>	<u>First Name</u>	<u>Last Name</u>	<u>Company</u>	<u>10/8/2019</u>
Guest	Matthew	Claxton	Powell Industries	X
Guest	Robert	Cohn	Powercon Corp.	X
Guest	Justin	Coletta	Powell Industries	X
Guest	Federico	Di Michele	CESI S.p.A.	
Guest	David	Dunne	Schneider Electric	X
Guest	Bernie	Dwyer	PECO	
Guest	Tanner	Esco	Eaton Corporation	X
Guest	Christopher	French	Eaton Corporation	X
Guest	Paul	Gingrich	AZZ Switchgear Systems	X
Guest	Lou	Grahor	Eaton Corporation	X
Guest	Paul	Grein	Circuit Breaker Sales, Co, Inc, - GroupCBS	
Guest	Matthew	Hetzer	PEPCO	X
Guest	Benjamin	Hohnstadt	DTE	X
Guest	Katarzyna	Hynek	DTE	
Guest	Monique	La Terreur	STACE	X
Guest	James	Lagree	Eaton	
Guest	Benedict	Lavrinnoff	Kinectrics Inc	X
Guest	Alex	Lizardo	Cargill	X
Guest	Douglas	Mason	ComEd	
Guest	Ashley	Moran	IEEE Standards Association (IEEE-SA)	X
Guest	Darryl	Moser	ABB	X
Guest	Miklos	Orosz	Myers Controlled Power	X
Guest	Mary	Owens	Eaton	X
Guest	Owen	Parks	ABB	X
Guest	Damian	Perrin	Entergy Services, LLC	X
Guest	Mark	Peterson	Xcel Energy	
Guest	Paul	Rakus	Eaton	X
Guest	Dave	Riffe	Westinghouse Electric Company	X
Guest	Mark	Roberson	AZZ/Calvert	X
Guest	Christopher	Slattery	FirstEnergy	X
Guest	Lars	Tuveson	Burns & McDonnell	X
Guest	Jerry	Wen	BC Hydro	X
Guest	Michael	Whitney	CSA America	X
Guest	Mina	Youssef	Eaton Corporation	X
Guest	Sandeep	Zope	Amazon Web Services (AWS)	X