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04 March 2005

M. Dean Sigmon  
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Re: PC37.20.1a - Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear -- Amendment 1: Short-Time and Short-Circuit Withstand Current Tests; Minimum Areas for Multiple Cable Connections

Dear M. Dean:

I am pleased to inform you that on 04 March 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2008. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-20-1a.pdf>.

Now that your project has been approved, please forward a roster of participants involved in the development of this project. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2i under Duties of the Sponsor which states:

"Submit annually to the IEEE Standards Department an electronic roster of individuals participating on standards projects"

For your convenience, an Excel spreadsheet for your use has been posted on our website at <http://standards.ieee.org/guides/par/roster.xls>. Please forward this list to me via e-mail at [j.haasz@ieee.org](mailto:j.haasz@ieee.org) no later than 02 June 2005.

Please visit our website, IEEE Standards Development Online (<http://standards.ieee.org/resources/development/index.html>), for tools, forms and training to assist you in the standards development process. Also, we strongly recommend that a copy of your draft be sent to this office for review prior to the final vote by the working group to allow for a quick review by editorial staff before sponsor balloting begins.

If you should have any further questions, please contact me at 732-562-6367 or by email at [j.haasz@ieee.org](mailto:j.haasz@ieee.org).

Sincerely,

Jodi Haasz  
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International Stds Programs and Governance  
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# PAR FORM

**PAR Status:** Modified Amendment

**PAR Approval Date:** 2005-03-04

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** PC37.20.1a

**2. Sponsor Date of Request:** 2005-01-20

**3. Type of Document:** Standard for

**4. Title of Document:**

**Draft:** Standard for Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear --  
Amendment 1: Short-Time and Short-Circuit Withstand Current Tests; Minimum Areas  
for Multiple Cable Connections

**5. Life Cycle:** Full-Use

**6. Type of Project:**

**6a. Is this an update to an existing PAR?** Yes

**If Yes: Indicated PAR number/approval date:** C37.20.1a - 2004-09-23

**If Yes: Is this Project in Ballot now?** No

**6b. The Project is a:** Amendment to Std C37.20.1 - 2002

**7. Working Group Information:**

**Name of Working Group:** Working Group for C37.20.1a

**Approximate Number of Expected Working Group Members:**6

**8. Contact information for Working Group Chair:**

**Name of Working Group Chair:** Ted Burse

**Telephone:** 713-948-4599 **FAX:** 713-948-4569

**Email:** tburse@powl.com

**9. Contact information for Co-Chair/Official Reporter, Project Editor or Document Custodian if different from the Working Group Chair:**

**Name of Co-Chair/Official Reporter, Project Editor or Document Custodian:**

**Telephone:** **FAX:**

**Email:**

**10. Contact information for Sponsoring Society or Standards Coordinating Committee:**

**Name of Sponsoring Society and Committee:** Power Engineering Society Switchgear

**Name of Sponsoring Committee Chair:** Alec C Monroe

**Telephone:** 205-592-7241 **FAX:** 205-592-9485

**Email:** amonroe@uscopower.com

**Name of Liaison Rep. (if different from the Sponsor Chair):** M. Dean Sigmon

**Telephone:** 843-413-4707 **FAX:** 843-413-4850

**Email:** michael.d.sigmon@us.abb.com

**Name of Co-Sponsoring Society and Committee:**

**Name of Co-Sponsoring Committee Chair:**

**Telephone: FAX:**

**Email:**

**Name of Liaison Rep. (if different from the Sponsor Chair):**

**Telephone: FAX:**

**Email:**

**11. The Type of ballot is:** Individual Sponsor Ballot

**Expected Date of Submission for Initial Sponsor Ballot:** March 2005

**12. Projected Completion Date for Submittal to RevCom:** July 2005

**Target Extension Request Information for a Modified PAR whose completion date is being extended past the original four-year life of the PAR:**

**13. Scope of Proposed Project:**

1. Remove references to "dummy elements" in 6.2.4 and 6.2.5.2. (They are non-existent in low voltage equipment.) Replace with text similar to that found in C37.51 - 1989, 4.7 and 4.8.

2. Table 10 contains "square centimeters" in the title, but the table units are in square inches. Correct Table to square centimeters.

**Is the completion of this document contingent upon the completion of another document?**

No

**14. Purpose of Proposed Project:**

The purpose of this project is to correct errors in C37.20.1 - 2002 with respect to dummy elements and metrification of table 10.

**15. Reason for the Proposed Project:**

The benefit to the users of the document is to remove a test option that is not possible to perform as stated, thereby eliminating the possibility of future interpretational issues, and to simply correct a metrification (conversion) error that could result in primary cable space designs, although in compliance with the Standard, being much too small to properly terminate primary cables. The target audience is both manufacturers and users of Metal-Enclosed Low-Voltage Power Circuit Breaker Switchgear.

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-01-19

**b. Is the sponsor aware of copyright permissions needed for this project?** No

**c. Is the sponsor aware of trademarks that apply to this project?** No

**d. Is the sponsor aware of possible registration activity related to this project?** No

**17. Are there other documents or projects with a similar scope?** No

**Similar Scope Project Information:**

**18. Is there potential for this document (in part or in whole) to be adopted by another national , regional or international organization? Do not know at this time**

**If yes, the following questions must be answered:**

**Organization Name?**

**Technical**

**Committee**

**International**

**Contact**

**Information?**

**19. Will this project result in any health, safety, or environmental guidance that affects or applies to human health or safety? No**

**If yes, please explain:**

**20. Sponsor Information**

**a. Is the scope of this project within the approved/scope/definition of the Sponsor's Charter? Yes**

**If no, please explain:**

**b. The Sponsor's procedures have been accepted by the IEEE-SA Standards Board Audit Committee? Yes**

**21. Additional Explanatory Notes: (Item Number and Explanation)**

The purpose of the revised par is to change the title of the amendment to comply with the IEEE 2005 Style Manual