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12 December 2005

M. Dean Sigmon  
ABB Inc.  
2300 Mechanicsville Road  
Florence, SC 29501-0524  
michael.d.sigmon@us.abb.com

Re: PC37.13.1 - Standard for Definite Purpose Switching Devices for Use in  
Metal-Enclosed Low-voltage Power Circuit Breaker Switchgear

Dear M. Dean:

I am pleased to inform you that on 07 December 2005 the IEEE-SA Standards Board approved the above referenced project until 31 December 2006. A copy of the file can be found on our website at <http://standards.ieee.org/board/nes/projects/C37-13-1.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 07 March 2006.

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  
Program Manager  
International Stds Programs and Governance  
Standards Activities  
Phone +1 732 562 6367  
FAX +1 732 875 0695  
Email: [j.haasz@ieee.org](mailto:j.haasz@ieee.org)

CC: [jeffnelson@ieee.org](mailto:jeffnelson@ieee.org), [robert.j.puckett@ieee.org](mailto:robert.j.puckett@ieee.org), [stds-pes-scc@ieee.org](mailto:stds-pes-scc@ieee.org)

# PAR FORM

**PAR Status:** Modified New PAR

**PAR Approval Date:** 07 December 2005

**PAR Signature Page on File:** Yes

**1. Assigned Project Number:** PC37.13.1

**2. Sponsor Date of Request:** 2005-10-13

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

**4. Title of Document:**

**Draft:** Standard for Definite Purpose Switching Devices for Use in Metal-Enclosed Low-voltage Power Circuit Breaker Switchgear

**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:** C37.13.1 - 2000-03-30

**If Yes: Is this Project in Ballot now?** Yes

**6b. The Project is a:** New Standard

**7. Working Group Information:**

**Name of Working Group:** Definite Purpose Switching Devices for Use in Metal-Enclosed Low-voltage Power Circuit Breaker Switchgear

**Approximate Number of Expected Working Group Members:**10

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

**Name of Working Group Chair:** Robert J Puckett

**Telephone:** 302-456-0583 **FAX:**

**Email:** robert.j.puckett@ieee.org

**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:** IEEE Power Engineering Society Switchgear

**Name of Sponsoring Committee Chair:** Jeffrey H Nelson

**Telephone:** 423 751 8275 **FAX:** 423 751 6238

**Email:** jeffnelson@ieee.org

**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:** June 2005

**12. Projected Completion Date for Submittal to RevCom:** December 2006

**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:**

The scope of this standard is to provide requirements for low-voltage (600 V ac and below) definite purpose switching devices (other than power circuit breakers) for use in metal-enclosed, low-voltage, power circuit breaker switchgear described in IEEE Std C37.20.1-2002 . These switching devices may be used in motor control or other repetitive duty applications and have the following characteristics: a) Drawout type, three-pole construction; b) Integral current limiting fuses for short-circuit protection; c) Power operated, with integral or separately mounted overcurrent protective device. The term "DPS device" will be used in this document to denote a definite purpose switching device conforming to the requirements of this standard.

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

No

**14. Purpose of Proposed Project:**

This standard provides guidance in evaluating switching devices, other than low-voltage power circuit breakers conforming to IEEE Std C37.13, that are intended to be applied in metal-enclosed low-voltage power circuit breaker switchgear.

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

This standard was developed because several incidents in industry indicated that switching devices (switching devices utilizing contactors) were being improperly designed, applied, and installed in low-voltage power circuit breaker switchgear. The stakeholders are the users and manufacturers of switching devices.

**16. Intellectual Property:**

**a. Has the IEEE-SA policy on intellectual property been presented to those responsible for preparing/submitting this PAR?** Yes 2005-10-04

**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)**

Item #13 - The revision to the scope includes:

a) The original scope indicated the standard was an aid in determining process to evaluate a switching device. The revised scope provides requirements for these devices and list necessary features. This is more in alignment with a document that stresses the verb "shall" and more clearly reflects the scope of the document.

b) The original scope referred to devices used in switchgear (up to 1000V). This was originally done at IEEE request to include voltage in the scope. The revised scope references maximum voltage of the device (600 V ac) instead of the general class of 1000 V. This change is the result of LVSD subcommittee decision (10/05/05) to use the device or devices maximum voltage ratings in scopes instead of general 1000 V and less class rating.

Item #14 - The original purpose stated purpose was to define the type of replacement and suggest appropriate testing for replacement of specific types of circuit breakers. The revised purpose eliminates the term suggest and now states standard provided guidance in evaluating the requirements. This is more in alignment with the document scope and deletes the reference to specific types of circuit breakers. The document does not distinguish specific types of circuit breakers.