Email This Letter

23 September 2004

William Goldbach
Danaher Power Solutions
5900 Eastport Blvd, Bldg V
Richmond, VA 23231-4453
wgoldbach@danaher-DPS.com

Re: PC62.43 - Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or Less than 1000 Vrms or 1200 Vdc) Data, Communication, and Signaling Circuits

Dear William:

I am pleased to report that on 23 September 2004 the IEEE-SA Standards Board approved the extension request of the above-referenced project until 31 December 2006.

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

Sincerely,

Jodi Haasz
Program Manager
International Stds Programs and Governance
Standards Activities
Phone +1 732 562 6367
FAX +1 208 460 5300
Email: j.haasz@ieee.org

cc: bill.curry@tycoelectronics.com, jwoodworth@ieee.org, stds-pes-scc@ieee.org

IEEE-SA Standards Board Extension Request

Revised 23 June 2004

1. Date of Request: ***August 25, 2005***

2. Assigned Project Number: ***PC62.43***

3. Project Title: ***Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or less than 1000 Vrms or 1200 Vdc) Data, Communication, and Signaling Circuits***
a. Name of Working Group (WG): ***3.6.7 - Low Voltage Data, Communications, and Signaling Circuits***
b. Name of Working Group Chair: ***Bill Curry***
c. Name of Sponsoring Society and Committee: ***Power Engineering Society, Surge Protective Devices Committee***
d. Name of Sponsoring Committee Chair: ***Richard Odenberg***

4. Contact Information (Contact should be the person who will answer any questions concerning this extension request):
a. Name: ***Bill Curry***
b. Telephone: ***(919) 557-8552***
c. FAX: ***(919) 557-8476***
d. EMAIL: ***bill.curry@tycoelectronics.com***

5. Statement of why an extension is required. This should include a description of what the working group has accomplished and what remains to be accomplished, along with the reasons why the work was unable to be completed in the allotted timeframe
The draft was revised during and since the Spring, 2004 SPDC meetings to address comments received during the first balloting of this guide. Comments were considered to be valuable and are expected to contribute to the usefullness of the guide and so the working group decided to address them. The first ballot resulted in a successful approval of the first ballot draft.

6. History
a. What date was the PAR first approved? ***21 September 2000***
b. What date did you begin writing the first draft? ***Spring, 2001***
c. How many people are actively working on the project? ***9***
d. How many times a year does the working group meet:
   1. In person? ***2***
   2. Via teleconference? ***0***
e. How many times a year is a draft circulated to the working group via electronic means? ***2***

7. Document Progress

a. What percentage of the Draft is stable? ***100%***
b. How many significant work revisions has the Draft been through? ***approx. 10***

8. Project Plan
(Item #8a is only for projects that have been balloted. If your draft has not yet gone to ballot, please go to Item #8b)

a. Balloting History - Provide history of all IEEE Sponsor ballots under this project::
1st Ballot Close date (or scheduled close): ***March 24, 2004***
1st Ballot Draft Number: ***Draft 7b***
1st Ballot results (% affirmative, %negative, %abstain): ***93% Affirmative, 6% Negative, 0% Abstained (87% Returned ballots)***

2nd Ballot Close date (or scheduled close): ***n/a***
2nd Ballot Draft Number: ***n/a***
2nd Ballot results (% affirmative, %negative, %abstain): ***n/a***

(Add additional entries for ballots as needed): ***n/a***

When do you estimate that the final IEEE Sponsor ballot will be completed? ***n/a***
When do you expect to submit the proposed standard to RevCom? ***n/a***

b. For projects that have not yet begun Sponsor ballot, please answer the following:
When will IEEE sponsor balloting begin? ***n/a***
When do you estimate that the final IEEE Sponsor ballot will be completed? ***n/a***
When do you expect to submit the proposed standard to RevCom? ***n/a***

9. Future Adoptions
- If this is a new document, will it be adopted (in part or in whole) by another national, regional or international organization? If yes, which organization?
- If this is a revision of an existing document, has this document been adopted by the IEC, ISO, ETSI, SCC, etc? ***no*** If yes, which organization?

10. Additional Extensions
a. Is this the first request for an extension? ***yes*** (If yes, please do not go any further. You have completed the form.)
b. If not, when was the previous extension approved?

After completion of this form, please e-mail this to the NesCom Administrator at nescom-admin@ieee.org. Confirmation of submittal will be sent on receipt of this request.

Jodi Haasz

09/25/00 02:42 PM

To: dwlenk@ieee.org
cc: j.b.posey@ieee.org, bcurry@raychem.com
Subject: PC62.43

25 September 2000

Mr. Dennis Lenk
The Ohio Brass Company
8711 Wadsworth Road
P.O.Box 1001
Wadsworth, OH 44281

Re: PC62.43 Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or Less Than 1000 Vrms or 1200 Vdc) Data, Communication, and Signaling Circuits

Dear Mr. Lenk:

I am pleased to inform you that on 21 September 2000 the IEEE-SA Standards Board approved the above referenced project until December 2004. A copy of the file is attached in .pdf format.

Now that your projects have been approved, please forward a roster of participants involved in the development of these projects. This request is in accordance with the IEEE-SA Operations Manual, Clause 5.1.2f under *Duties of the Sponsor* which states:

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

Attached is an Excel spreadsheet for your convenience. Please forward these lists to me via e-mail at j.haasz@ieee.org no later than 1 December 2000.

At the bottom of this e-mail, please find URLs which you may find useful in the development of your proposed standard and in submitting your final draft for approval. Written responses from all committees/organizations listed on the PAR as proposed coordination must be included with the final draft when it is submitted.

If coordination is effected by common membership, i.e., a person on the standard's developing committee who is also a member of the committee/organization specified on the PAR for coordination, there must be a document included with the final draft from that coordinating body which states that person is authorized to represent it. We strongly recommend that a copy of your draft be sent to this office for review prior to the final voting by the working group to allow for a quick review by the editorial staff before sponsor balloting.

If you should have any further questions or would like to receive this information in paper, please contact me at 732-562-6367 or by email at j.haasz@ieee.org.

Sincerely,

Jodi Haasz
Administrator, Standards Board

PS - The information in the .pdf file is viewable in Adobe Reader, version 3.0 or higher. If you do not have this software, please go to http//www.adobe.com/prodindex/acrobat/readstep.html#reader to download the free version.

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Standards Process-at-a-Glance
http//standards.ieee.org/resources/glance.html - A quick-reference site useful to any standards developer.

IEEE Standards Style Manual
http//standards.ieee.org/guides/style/index.html - Guidelines that establish style and format requirements for the preparation of proposed IEEE standards.

IEEE Standards Companion
http//standards.ieee.org/guides/companion/index.html - An overall view of the standards process; what to do, what to avoid, lessons learned, and sample forms.

Implement Plan for Metric Policy 9.20
http//standards.ieee.org/announcements/metric.html - Information on when, why and how the plan will be implemented and what exceptions exist.

Leading a Standards Development Group
http//standards.ieee.org/faqs/ltpres.html#q1 - A free training session offered by staff to make the most of the standards process. After attending, you will have a great understanding of

- the need for due process and consensus
- how to submit PARs and Drafts
- the "legal" aspects (copyrights, trademarks, patents)
- how staff can help you

Standards Coordinating Committee 10
http//standards.ieee.org/faqs/SCC10.html - An explanation of the importance of coordinating with the IEEE Dictionary (SCC10) as is mandated on the PAR form.

Balloting Information
http//standards.ieee.org/resources/glance_at_balloting.html


Sample Roster.xls


C62-43.pdf

IEEE-SA Standards Board Project Authorization Request (PAR) Form (2000-Rev 1)

Note: For use with help hyperlinks offline, download guide.html and par2000.html into the same directory. After completing this form, please e-mail it to the NesCom Secretary.

Instructions for Downloading the PAR Form

1. Sponsor Date of Request	2. Assigned Project Number	3. PAR Approval Date
[2000 Aug 8]	PC62.43	21 September 2000

Copyright release must be submitted with appropriate signatures by FAX (1-732-562-1571)}

[X] PAR Signature Page on File {IEEE Staff to check box}

4. Project Title, Recorder and Working Group/Sponsor for this Project

Document type and title: {Place an X in only one option below}

- [..] **Standard for**{document stressing the verb "shall"}
- [..] **Recommended Practice for**{document stressing the verb "should"}
- [X] **Guide for** {document in which good practices are suggested}

Title: Guide for the Application of Surge Protectors Used in Low-Voltage (Equal to or Less than 1000 Vrms or 1200 Vdc) Data, Communication, and Signaling Circuits

Name of Working Group (WG): 3.6.7 – Low Voltage Data, Communication, and Signaling Circuit Surge Protective Devices

Name of Official Reporter (usually the WG Chair) who must be an SA member as well as an IEEE/Affiliate Member: Bill Curry

IEEE-Standards Staff has verified that the Official Reporter (or Working Group Chair) is an IEEE and an IEEE-SA member: [X] (Staff to check box)

Contact Information:

Telephone:	919-557-8552	FAX:	919-557-8595
E-mail:	bcurry@raychem.com		

Name of Working Group Chair (if different than Reporter): (same as Reporter)

IEEE-Standards Staff has verified that the Working Group Chair [...] (Staff to check box) is an IEEE and an IEEE-SA member:

Contact Information:

Telephone	[...]	FAX:	[...]
E-mail:	[...]		

Name of Sponsoring Society and Committee:	Power Engineering Society, Surge Protective Devices Committee
Name of Committee Sponsor Chair:	Dennis Lenk
IEEE-Standards Staff has verified that the Sponsor is an IEEE and an IEEE-SA member:	[X] (Staff to check box)

Contact Information:

Telephone	330-335-2361 x218	FAX:	330-334-5822
E-mail:	dwlenk@ieee.org		

5. Type of Project

a. Is this an update to an existing PAR? No

If YES, indicate PAR Number/Approval Date [P####-YEAR]
If YES, is this project in ballot now? [yes/no]
[Indicate changes/rationale for revised PAR in Item #16. This should be no more than 5 lines.]

b. Choose one from the following:

[...] New Standard
[X] Revision of existing Standard {number and year} C62.43 - 1999
[...] Amendment (Supplement) to an existing standard {number and year} [...]
[...] Corrigenda to an existing standard {number and year} [...]

6. Life Cycle

[X] Full Use (5-year life cycle)
[...] Trial Use (2-year life cycle)

7. Balloting Information

Choose one from the following:

[X] Individual Sponsor Balloting
[...] Entity Sponsor Balloting
[...] Mixed Balloting (combination of Individual and Entity Sponsor Balloting)

Expected Date of Submission for Initial Sponsor Ballot: 12/20/03

8. Fill in Projected Completion Date for Submittal to RevCom : 6/20/04

9. Scope of Proposed Project:

This guide applies to surge protectors used in balanced or unbalanced data, communication and signaling circuits with voltages equal to or less than 1000Vrms or 1200 Vdc. The surge protectors covered are multiple-component series or parallel combinations of linear or non-linear elements, packaged for the purpose of limiting voltage, current, or both. This guide is intended to complement the IEEE Std C62.36-2000. The definitions used in the Application Guide and the Test Methods Standard are the same. For other terms not defined in the Guide or the Standard, see IEEE Std 100-1996. This guide is not intended to apply to packaged single-component gas tube or air gap arresters, which are covered by IEEE C62.42.

The purpose of this guide is to enable the reader to understand the function and performance tests of the various types of multiple-component data, communication and signaling circuit protectors in terms of particular applications. Consideration is given to the characteristics of multiple-component protectors and the concepts necessary to choose the appropriate product and interpret its specifications.

10. Purpose of Proposed Project: This guide is intended for users and suppliers of multiple-component surge protectors that are intended for use on communication, data, and signaling circuits. It is being revised to reflect recent changes in test methods contained in its companion document, C62.36. It is also being revised to include application of protectors on the high-speed communication lines that have become so important in modern wire-line communications. The revision will also include editorial modifications intended to compress material and improve overall readability.

11. Intellectual Property {Answer each of the questions below}

Are you aware of any patents relevant to this project?

[No] {Yes, with detailed explanation below }
[...] {Explanation}

Are you aware of any copyrights relevant to this project?

[No] {Yes, with detailed explanation below }
[...] {Explanation}

Are you aware of any trademarks relevant to this project?

[No] {Yes, with detailed explanation below }
[...] {Explanation}

Are you aware of any registration of objects or numbers relevant to this project?

[No] {Yes, with detailed explanation below}
[...] {Explanation}

12. Are you aware of any other standards or projects with a similar scope?

[No] {Yes, with detailed explanation below}
[...] {Explanation}

13. International Harmonization

Is this standard planned for adoption by another international organization?
[No] {Yes/No/?? if you don't know at this time}
If Yes: Which International Organization [...]
If Yes: Include coordination in question 13 below
If No: Explanation [we are not aware of an international standard for applications of multiple-component SPD's. We do know that in IEC Subcommittee 37A, a protector performance std, IEC 61644-1, has been prepared which covers multi-component protectors. However, there is as yet no std for protector applications although there may be interest. If the revised C62.43 is completed in time, we could submit it to IEC for consideration. ~~International standards normally address surge protection components~~]

14. Is this project intended to focus on health, safety or environmental issues?

[No] {Yes/No/?? if you don't know at this time}
If Yes: Explanation [...]

15. Proposed Coordination/Recommended Method of Coordination

Mandatory Coordination

SCC 10 (IEEE Dictionary)	by **DR**	{Circulation of **DR**afts}
IEEE Staff Editorial Review by	by **DR**	
SCC 14 (Quantities, Units and Letter symbols)	by **DR**	

Coordination requested by Sponsor:

[..... by .....] [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

[..... by .....] [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

[..... by .....] [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

[..... by .....] [...] {circulation of **DR**afts/**LI**aison memb/**CO**mmon memb}

Coordination Requested by Others:

[...] {added by staff}

16. Additional Explanation Notes: {Item Number and Explanation}

[...]{If necessary, these can be continued on additional pages}

The PAR Copyright Release and Signature Page must be submitted by FAX to 732-562-1571 before this PAR will be sent on for NesCom and Standards Board approval.