



**Minutes of P-14 Committee on Overcurrent Protective Devices  
(UNOFFICIAL)**

**Monday, 24 September, 2007    Holiday Inn Riverwalk, San Antonio, TX**

**Scope of the P-14 Committee on Overcurrent Protective Devices –**

This committee covers the setting of standards and specification for supplementary overcurrent type devices to be used in low-voltage applications in electric and electronic equipment. This committee shall not develop standards and specifications for branch circuit protection or panel mounted devices that are covered under the National Electric Code NFPA 70.

- 1.0    Call to order
- 1.1    Chair Carl Lindquist called meeting to order at 2:00 PM
- 2.0    Introductions and Attendance
- 2.1    Membership and Attendance

<u>NAME</u>	<u>COMPANY</u>
Carl Lindquist	SOC America, Inc.
Ming Li	AEM, Inc.
Jeffers Liu	AEM, Inc.
Mike Lauri	IBM
Laird Macomber	Cornell Dubilier Electronics
Jack Culloton	Vishay
Dave Richardson	Vishay
Mary Carter Berrios	Kemet
Chris Reynolds	AVX
Ralph Justus	EIA/ECA

2.2 The membership list was reviewed and adjusted to read as reflected in the following table:

<b>Member Organizations Present</b>	<b><u>Present at this meeting</u></b>	<b><u>Present at previous meeting?</u></b>	<b><u>Present at meeting prior to previous?</u></b>
Cooper Bussman	N	N	N
Cornell Dubilier	Y	Y	Y
IBM Corporation	Y	Y	Y
Intel Corp.	N	N	N
Vishay	N	Y	N
Kemet	N	Y	N
KOA Speer Electronics	N	Y	N
Mini-Systems, Inc.	N	N	N
SOC America, Inc.	Y	Y	Y

<b>Other Organizations Present</b>
EIA/ECA

3.0 Attendance sheet circulated

4.0 Agenda reviewed and accepted without change

5.0 Meeting minutes were accepted unanimously without change.

6.0 General Discussion

6.1 Carl Lindquist had accepted the position of “Temporary” Chair at the last meeting.

6.2 The chair first raised the question of whether or not we want to continue this committee in light of the poor attendance at recent meetings. After discussion of the issue, it was agreed that we would continue for the near future to review the three documents that have been generated in this committee. Ralph Justus will review status of each of the three documents. Two were published in March, 2006. The most recent document – PN-5074 Application Guide – was approved for final ballot at the last meeting. We have to see where this document is and why it was not circulated for ballot per agreement at our Spring, 2007 meeting.

6.3 The next item of business was to review the existing Scope for this committee. It was agreed that the Scope will be simplified to that shown at the beginning of these meeting minutes. A motion to change the minutes was made and seconded. It was accepted unanimously. It was agreed that this change would be noted under New Business in the main S-1 meeting tomorrow morning.

6.4 Carl Lindquist provided a brief update of what was happening at the TIA TR41.7.5 Working Group. The new UL Standard for Telecommunications Surge Withstand Overcurrent Protectors has been completed and submitted to UL for editorial revision. The UL reviewed

document was not ready for the August, 2007 TIA meeting, but it is expected to be ready for review at the TIA at the November, 2007 meeting. If this schedule is maintained, there is a strong possibility that the document will be issued by UL early in 2008. Work on the next revision will be initiated soon after the documents release next year. Several new issues and surge descriptions have been added to the field applications as a result of power to remote sites and new revelations associated with Ethernet applications that are over one mile.

- 6.5 The status of ECA/EIA 962 Low Voltage Supplemental Fuse Qualification Specification was discussed. This standard was issued in March, 2006. Even though the document has just recently been published, it has been more than four years since it has been reviewed for technical content by the committee. It was initially intended to submit this document for ANSI approval, but due to the need for a relatively short term review, it was decided to hold off on submission to ANSI until it as been fully reviewed and updated.
- 6.6 The status of ECA/EIA 932 Surge Withstand Telecommunications Fuse Qualification Specification was discussed. This document has been published in March 2006 as an EIA/ECA standard. It was recommended by the chair to hold off on updating this standard or submitting it to ANSI pending the soon to be released UL Standard for these devices. This standard can then be harmonized with the new UL Standard to better define testing parameters.
- 6.7 It was mentioned again by the chair that there may be a need in the near future to address producing a qualification specification and application guide for some high voltage (500 Vdc), relatively high current fuses used in the hybrid automobile. At the appropriate time, and after we have learned that the associated safety document has been published, we will try to address this possibility to companies associated with this work. If it is eventually decided that the safety standard will be needed for these fuses, it was believed that the ECA P-14 Committee – with participation of UL – has the expertise to generate such a document.
- 7.0 New Business – A list of P-14 members was provided by the ECA for review and editing. This effort was completed and the list was provided to Cecelia Yates after the meeting.
- 8.0 Old business – None  
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- 9.0 Announcements – None  
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- 10.0 Next Meeting – The Brown Hotel, Louisville, KY March 31 through April 3, 2008
- 11.0 Adjournment at 2:50 PM

We thank all present for their participation.

This meeting was conducted in accordance with the EIA Legal Guidelines and the Manual of Organization Procedures.



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Carl E. Lindquist  
Temporary Chairman

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Secretary