



Minutes of P-14 Committee on Overcurrent Protective Devices

Monday, 31 March, 2008 Brown Hotel, Louisville, KY

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

Covers the setting of standards and specification associated with non-safety related parameters for supplementary Overcurrent type devices to be used in low-voltage (equal or less than 1,000 V_{ac} or 1,200 V_{dc}) applications in electric and electronic equipment. These include fuses, electromechanical or solid state circuit protection devices, positive temperature coefficient (PTC) thermistor-type devices, fusible resistors and other devices. The 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 This meeting was started at 1:00 PM, rather than 2:00 PM to avoid conflict with the Tantalum Working Group.
- 2.0 Introductions and Attendance
- 2.1 Membership and Attendance

<u>NAME</u>	<u>COMPANY</u>
Carl Lindquist	SOC America, Inc.
Mike Lauri	IBM
Laird Macomber	Cornell Dubilier Electronics
Dave Richardson	Vishay
Mary Carter Berrios	Kemet
Chris Reynolds	AVX
Jayson Young	Kemet
Ralph Justus	EIA/ECA

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

Member Organizations Present	<u>Present at this meeting</u>	<u>Present at previous meeting?</u>	<u>Present at meeting prior to previous?</u>
Cornell Dubilier	Y	Y	Y
IBM Corporation	Y	Y	Y
Murata	Y	N	N
Vishay	Y	N	Y
Kemet	N	Y	N
KOA Speer Electronics	N	Y	N
AVX	Y	N	N
SOC America, Inc.	Y	Y	Y

Other Organizations Present
EIA/ECA

3.0 Attendance sheet circulated

4.0 Agenda reviewed and accepted without change

5.0 Meeting minutes were not available for review.

6.0 General Discussion

6.1 Carl Lindquist continued in the position of “Temporary” Chair at this meeting.

6.2 We briefly went through the coordination with the P-4 Mechanical Outline Committee and work to date. It is anticipated that more interest in the P-14 Committee and other committees will be found to be more needed if the Mechanical Outlines become popular in the field.

6.3 The chair reviewed the new UL 2564 Standard and the need for review of our EIA/ECA 932 Standard. We will request that Cecelia or Ralph Justus attempt to get copies of the new UL Standard for use by members of P14.

6.4 The next item of business was to review the existing Scope for this committee. A new Scope was proposed that eliminated reference to overvoltage protectors. The new Scope was approved unanimously, after an additional explanation of what “low voltage” meant was incorporated.

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 has been fully reviewed and updated.

- 6.6 The Application Guide for Fuses has been updated to Issue 2 and approved by the P-14 Committee. It was presented to Cecelia as PN-5074 to send out to ballot several meetings ago. She will look into where this document is and when it will be sent out for ballot.
- 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 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 has the expertise to generate such a document.

7.0 New Business – None

8.0 Old business – None

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9.0 Announcements – None

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10.0 Next Meeting – The Red Lion Hotel, Salt Lake City, UT, October 6 – 9, 2008

11.0 Adjournment at 1:30 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.



Carl E. Lindquist
Temporary Chairman

Secretary