



**Minutes of P-14 Overcurrent Protection Devices**

**Monday, October 4, 2004    Holiday Inn on the Bay    San Diego, CA**

**P14 Committee's scope:** Covers the setting of standards and specification for supplementary overcurrent/overvoltage type devices to be used in low-voltage 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, varistors, thyristors, gas discharge tubes 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.

Attendees:

<u>NAME</u>	<u>COMPANY</u>
Daniel Chang	AEM, Inc.
Terry D. Charles	Panasonic
Dan Giblin	Cooper Bussmann
Michael Griffith	KOA
Matt Joiner	Cooper Bussmann
Mike Lauri	IBM
Edward Li	AEM
Ming Li	AEM
Carl Lindquist	San-O-Industrial Corp
Len Metzger	Panasonic Industrial Co
Edward Mikoski	EIA/ECA
Jeff Montgomery	AEM
Linda Wang	AEM, Inc.

<u>Member Organizations Present</u>	<u>Present at this meeting</u>	<u>Present at previous meeting?</u>	<u>Present at meeting prior to previous?</u>

AEM, Inc.	Y	Y	N
Cooper Bussmann	Y	Y	Y
IBM	Y	N	Y
KOA Speer Electronics	Y	Y	N
Panasonic	Y	Y	Y
San-O-Industrial Corp	Y	Y	Y

^Indicates activated as member of committee

<u>Member Organizations Absent</u>	<u>Present at This Meeting?</u>	<u>Present at previous meeting?</u>	<u>Present at meeting prior to previous?</u>
AVX	N	N	Y
Cornell Dubilier	N	Y	Y
Intel Corporation*	N	Y	n/a
SEI	N	N	Y
Visteon*	N	N	N

\* Indicates not used in determination of quorum due to record of non-attendance

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

Chairman Dan Giblin called the meeting to order at 2:03pm.

## **1.0 Committee Organization and Procedures**

### **1.1 Membership and attendance**

Self-introduction was made and attendance taken. We have a quorum.

### **1.2 Approval of the Agenda**

The agenda was unanimously approved.

### **1.3 Approval of the Minutes**

The minutes were unanimously approved.

### **1.4 Correspondence**

No Correspondence.

### **1.5 DSCC Report**

No reports. During the S1 meeting, this committee will discuss whether DSCC is still participating member.

## **2.0 Old business**

### **2.1 Ad-Hoc Committee updates**

#### **2.1.1 Mechanical Outlines – C. Lindquist**

P4 committee will meet on Wednesday. There are 30 outline drawings for inductors. Carl L. indicated that someone from the EIA IT group will be available for discussion of database.

#### **2.1.2 TIA Surge Withstand – C. Lindquist**

The document is now up to 62 pages which include NTC/PTC. It will be a new UL standard in 18 months. They are working on revision 6 which will be circulated to the working group committee. There is a section 1, and then other sections which covers particular markets. PTC/NTC will also have a section. The working committee meets 4 times a year, if anyone is interested in joining the TIA committee. These are standard to meet with Telecom industry for surge and lightning.

#### **2.1.3 Update on SP-4951 and SP-4357-A – D. Giblin**

The document (SP-4951) was unanimously approved; however Ed Mikoski informed us that a negative ballot was received from B. Travis/Littelfuse and we were unable to obtain a response. The SP-4357-A has a negative ballot and should also be rescinded; however we are unable to get this resolved since there is no response from Schurter.

Ed M recommended that we rescind both documents and obtain new PN to replace existing PN and send out for ballot.

The committee unanimously decided to rescind document (SP-4951).

The committee unanimously decided to rescind document (SP-4357-A).

It was unanimously decided to open a new PN for the following documents:

- 1) SP-4951 “Surge Withstand Telecommunications Fuse Qualification Specification”
- 2) SP-4357-A “Upgrade IS-722 Low Voltage Supplemental Fuse Qualification Specification”

It was unanimously approved to obtain new PN for the following documents:

- 3) “Surge Withstand Telecommunications Fuse Qualification Specification”, PN 5072

4) “Low Voltage Supplemental Fuse Qualification Specification”, PN 5073

Dan will complete the paperwork to obtain the new PN.

## **2.2 Review any submittals to P-4 committee**

There were no documents available for review.

## **2.3 Review Open Projects**

We have already addressed all open projects.

## **2.4 Modification of Technology Roadmap**

Anyone on the committee is welcome to make any changes.

### **3.0 New business**

#### **3.1 New Projects**

##### **3.1.1 Opening of new project to update User’s Application Guide**

The committee unanimously agreed to obtain new PN to reopen EIA-772 for review and update. The document will be sent to all committee members for review. All comments will be sent to Dan Giblin.

##### **3.1.2 Opening of new project to update Low Voltage Supplemental Fuse Qualification**

New PN 5073 will have to be reballoted first. After completion, a new project will be introduced to update the specification.

### **4.0 Review of Action Item assignments**

Dan G will complete paperwork for new PN for “Surge withstanding Telecommunication fuse Qualification Specification” and “Low Voltage Supplemental Fuse Qualification Specification”. Dan G will complete the paperwork for obtaining the new PN for the User’s Application Guide.

We should keep in the minutes all issues related to “Tin Whiskers”. The chairman will add the Tin Whiskers discussion to the agenda for the next meeting.

**Ed provided new PN’s during this meeting.**

**PN5072 replaces 4951**

**PN5073 replaces 4753-A**

**The new PN for User Application Guide is PN5074.**

**Ed will contact DSCC to make sure someone participate at next meeting.**

**5.0 Next meeting**

The next meeting will be held the week of 16-19 May 2005 at the Chateau Sonesta Hotel in New Orleans, LA.

**6.0 Adjournment**

The meeting was adjourned at approximately at 3:01pm.

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

*Dan Giblin*

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Dan Giblin  
Chairman

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Terry D. Charles  
Secretary