

FORM FOR COMMENT FOR 2014 NATIONAL ELECTRICAL CODE®

INSTRUCTIONS — PLEASE READ CAREFULLY

Type or print **legibly**. Use a separate copy for each comment. Limit each comment to a **SINGLE** section. All comments **must be received by NFPA by 5 p.m., EDST, Wednesday, October 17, 2012**, to be considered for the 2014 National Electrical Code. Comments received after 5:00 p.m., EDST, Wednesday, October 17, 2012, will be returned to the submitter.

For technical assistance, please call NFPA at 1-800-344-3555.

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Log #: _____

Date Rec'd: _____

Please indicate in which format you wish to receive your ROP/ROC ☒ electronic ☐ paper ☐ download
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Please indicate organization represented (if any) PV INDUSTRY FORUM

1. Section/Paragraph 690.2

2. Comment on Proposal No. (from ROP): 4-173

3. Comment recommends (check one): ☐ new text ☒ revised text ☐ deleted text

4. Comment (include proposed new or revised wording, or identification of wording to be deleted): [Note: Proposed text should be in legislative format; i.e., use underscore to denote wording to be inserted (inserted wording) and strike-through to denote wording to be deleted (~~deleted wording~~).

Direct Current (dc) Combiner. A ~~device~~—junction box or an enclosed and listed assembly of components used in the PV Source and PV Output circuits to combine two or more dc circuit inputs and provide one or more dc circuit outputs.

5. Statement of Problem and Substantiation for Comment: (Note: State the problem that would be resolved by your recommendation; give the specific reason for your Comment, including copies of tests, research papers, fire experience, etc. If more than 200 words, it may be abstracted for publication.)

There was no intent to include listed cable assemblies in this definition. The use of listed (UL 6703) cable assemblies (aka harnesses) which include in-line fusing and electrical taps have become a popular method of combining strings before terminating into a combiner box. The language as written could be interpreted to include cable harnesses in the definition of Direct Current (dc) Combiner. Further, there are designs for ungrounded PV arrays that employ a split bus combiner box that technically have two outputs. The above changes make it clear that the above definition is meant to define an enclosed assembly of fuse holders, terminals, bus bar, power distribution blocks etc and not listed cable harnesses.

6. Copyright Assignment

(a) ☒ I am the author of the text or other material (such as illustrations, graphs) proposed in the Comment.

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Signature (Required)

John C. Wiles, Jr.

PLEASE USE SEPARATE FORM FOR EACH COMMENT

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Fax to: (617) 770-3500 OR Email to: proposals_comments@nfpa.org

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