

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Passive Filter Units for Electromagnetic Interference Suppression – Part 3: Passive Filter Units for Which Safety Tests are Appropriate, UL 60969-3, are being proposed:

1. Revision of maximum temperatures for pins of appliance outlets in Table 18DV.

STP BALLOTS AND ALL COMMENTS DUE: NOVEMBER 13, 2017

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Revision of maximum temperatures for pins of appliance outlets in Table 18DV.

RATIONALE

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To concur with the temperature on terminals and contacts in the Standard for Appliance Couplers for Household and Similar General Purposes – Part 1: General Requirements, UL 60320-1, appliance couplers, Table 18DV needs to be revised to indicate 70°C maximum temperature for pins of appliance outlets.

PROPOSAL**4.20 Temperature rise**

Table 18DV D1 Modify Table 18 by replacing with Table 18DV:

Table 18DV – Maximum temperatures

Part	Maximum Temperature (T_{max}) °C
Windings, if the winding insulation according to IEC 60085 is:	
– class 105 (A)	90
– class 120 (E)	105
– class 130 (B)	120
– class 155 (F)	130
– class 180 (H)	155
– class 200 (N)	180
– class 220 (R)	200
– class 250 (C)	220
– class 240 (S)	220

Table 18DV – Maximum temperatures Continued

Part	Maximum Temperature (T_{max}) °C
– class 240 (C)	Over 240
Components	according to the relevant IEC or UL standard
Pins of appliance outlets	55-70
Bare Terminals (Terminal material) according to IEC 60947-1:	
– Bare copper	100
– Bare brass	105
– Tin plated copper or brass	105
– Silver plated or nickel plated copper or brass	110
– Other metals	^a
^a Temperature limits to be based on service experience or life tests but not to exceed 105 °C.	

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