

PERFORMANCE SPECIFICATION

FUSES: INSTRUMENT, POWER, AND TELEPHONE
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-15160H, dated 12 October 1999, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 2

TABLE I, under the "Relative overload interrupt time" column for symbol A, delete "blowing" and substitute "opening". Under "Relative overload interrupt time" column for symbol C, delete "blowing" and substitute "opening".

PAGE 4

3.11 Second sentence, delete "1 minute" and substitute "30 seconds".

PAGE 5

3.14.2.1 Delete in its entirety and substitute:

"3.14.2.1 Material. Label material used shall enable the fuses to meet the performance requirements of this specification and shall show no evidence of peeling, wrinkling, ends lifting, or illegible ink markings (see 4.7.9.1). For guidance on label material, see 6.3.7."

3.14.2.2 Under "Marking" column, delete "Normal blow" and its corresponding explanation in the "Explanation" column.

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TABLE III, Test method column: Delete "4.7" and substitute "4.6" and replace the first two digits of all remaining paragraph references that begin with "4.8" with "4.7".

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4.7.2 Delete the second and third sentences in their entirety and substitute them with: "The current shall be maintained for not less than 30 minutes after the temperature of each fuse has stabilized. Stabilization shall be considered to have occurred when no individual fuse temperature rise reading of 4 consecutive readings taken at 5 minute intervals exceeds the average reading of these 4 readings by more than 2° C and no indication of increasing temperature rise is observed. This average temperature rise reading shall be deemed to be the temperature rise of the fuse."

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FIGURE 1, delete title and substitute: "FIGURE 1. (FOR REFERENCE ONLY) – Effect of ambient temperature on the current carrying capacity of normal fuses (characteristic A and characteristic C)."

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FIGURE 2, delete title and substitute: "FIGURE 2. (FOR REFERENCE ONLY) – Effect of ambient temperature on the current carrying capacity of time-delay fuses (characteristic B)."

Across top of graph, in the second line, delete "TIME-LAG" and substitute "TIME-DELAY".

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6.1.1, first sentence, after "Normal" delete "blowing" and substitute "opening".

6.1.2, first sentence, after "Normal" delete "blowing" and substitute "opening".

6.1.5d, third sentence, delete "Time lag" and substitute "Time delay".

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6.3, paragraph title, delete and substitute: "6.3 Finishes and material.".

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After 6.3.6, insert new paragraph, 6.3.7:

"6.3.7 Label material. Based on past experience, a pressure sensitive polyester tape, Permacel, EE-6951 or equivalent has been used successfully to meet the performance requirements of this specification."

6.6 Delete "blowing" and substitute "opening" (2 places).

6.8 After Normal, delete "blowing" and substitute "opening".

Custodians:

Army - CR
Navy - SH
Air Force - 11
DLA -CC

Preparing activity:

DLA - CC

(Project 5920-0625)

Review activities:

Army - AR, AT, CR4, MI
Navy - AS, CG, MC, OS, YD
Air Force - 19, 99