

PERFORMANCE SPECIFICATION
CIRCUIT BREAKERS, REMOTE CONTROL, THERMAL, TRIP FREE
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-83383D, dated 28 May 1999, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 7

3.19 Delete and substitute:

“3.19 Electromagnetic interference. When tested as specified in 4.6.16, the RCCB shall meet the requirements for Aircraft, Army, Navy, and Air Force of MIL-STD-461.”

PAGE 27

4.6.16 Delete and substitute:

“4.6.16 Electromagnetic interference (see 3.19). RCCB's shall be tested in accordance with MIL-STD-461 as follows:

CS114 - (induced level: 49.0dBuA - 89.0dBuA from 10kHz - 1MHz; 89.0dBuA - 89.0dBuA from 1MHz - 30MHz; 89.0dBuA - 81.0dBuA from 30MHz - 200MHz; ref. MIL-STD-461 Fig. CS114-1, Curve 3).

RE102 - (radiated level at 1 m: 34dBuV/m at 2MHz - 100MHz; 34dBuV/m at 100MHz logarithmically rising to 54dBuV/m at 1GHz; ref. MIL-STD-461, Fig. RE102-3).

RS103 - (field intensity: 20V/m 2MHz to 1GHz).

The RCCB must be tested in each of the following four modes of operation:

Main contacts open (I/CU open) with rated AC voltage,
Main contacts closed (I/CU closed) with rated AC voltage and current,
Main contacts open (I/CU open) with rated DC voltage,
Main contacts closed (I/CU closed) with rated DC voltage and current.

The RCCB shall remain in the state which reflects the state of the I/CU; the RCCB shall not change state during any test.”

MIL-PRF-83383D
AMENDMENT 1

Custodians:

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

Preparing activity:
DLA - CC

(Project 5925-0313)

Review activities:

Army - AT, AV, CR4, MI
Air Force - 99