

INCH-POUND
MIL-DTL-24347B
AMENDMENT 1
6 September 2002

DETAIL SPECIFICATION

MONITOR, AVAILABLE LOAD, 60 AND 400 HERTZ, A.C. 1 PHASE, ELECTRICAL POWER (NAVAL SHIPBOARD USE)

This amendment forms a part of MIL-DTL-24347B, dated 30 April 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

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3.4 Delete and substitute:

"3.4 Performance. The single phase monitor shall perform the functions specified herein when connected in either a single or three phase main power circuit of either 115 or 440 normal voltage and either a 60 or 400 Hz normal frequency. The monitor shall operate within the specified limits when the voltage is reduced to 85 percent of normal or raised to 10 percent above normal. The operating frequency range shall be plus or minus 5 percent of normal. A typical monitor external wiring diagram is shown on figure 1. The monitor shall receive its voltage from the load side connections of the disconnect device. Under the above conditions, the monitor shall permit the load disconnect to close and stay latched if a load of 1-1/2 amperes (plus or minus 15 percent) exists. When the load current is reduced below 1-1/2 amperes (plus or minus 15 percent), the monitor shall actuate its normally open single contact static device to close and cause the disconnect device to open. Upon receipt of a signal, the contact shall have a delay adjustable from 5 seconds to 30 seconds before it operates. If current goes above 1-1/2 amperes before the set delay time, the monitor shall reset. The delay time shall be set at 15 seconds unless otherwise directed in the contract or order."

Custodians:
Navy - SH
DLA - CC

Preparing activity:
DLA - CC
(Project 5925-0314)