

S E R V I C E N O T E

SUPERSEDES: None

HP E5250A Low Leakage Switch Mainframe

Serial Numbers: 0000A00000 / 9999Z99999

Hints on Isolating Faulty Relays

To Be Performed By: HP-Qualified Personnel

Situation:

The Trouble Isolation Program (MT5250) may report multiple relays as failed relays. The following example shows that the relays K705(F), K116(G), K205(F), K216(F), K316(F), K416(F), K516(F), K514(F) failed the OPEN TEST. (One of the relays is considered stuck.)

F705,G116,F205,F216,F316,F416,F516,F514 OPEN FAIL

Solution / Action:

If multiple replays are reported, use the following procedures to isolate the defective relay.

Open Test Fail:

One of the reported relays is considered stuck. (The relays are normally open.) Measure the resistances between the terminals of the reported relays (one by one).

Close Test Fail:

One of the reported relays is considered open (will not make). Run the Closed Channel Resistance Test of the Performance Verification. If an input-output path of the test includes the Open relay, the PV should fail at this measurement. Confirm the relays used in the failed measurement (on the block diagrams) and check for the relays(s) that are in the relay list displayed by the Trouble Isolation Program.

DATE: July 1997

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:		
INFORMATION ONLY		
AUTHOR:	ENTITY:	ADDITIONAL INFORMATION:
MO	3300	

