

DH11

ZDHMD2

DH11 COMPREHENSIVE DIAGN. TEST

ABSTRACT :

The DH11 comprehensive diagnostig test is replacing the older ZDHAxx... to ZDHKxx. It consists of 48 logically sequenced tests. The program is configurable by the autosizer or by console dialogue to test all 16 lines. Individual lines within a DH11 may be selected or deselected for testing. Whenever an error is detected a comprehensive error report is typed that allows the user to isolate the fault to a functional area of logic. Test 101 and 105 through 107 (test group 1) of the modem control diagn. ZDHKxx have been included in this program. In this way all the level converters and cables can be checked with just one program using the H315 turnaround connector.

OPERATING PROCEDURES :

.R ZDHMD2

This starts the test at address 200 (normal start).

*set the SWR = 000000 worst case testing
set the SWR = 000002 to type the device map
set the SWR = 004000 for a quick pass
set the SWR = 002000 to skip modem control test*

The program will type:

CZDHM-D-0 DH11 DIAGNOSTIC

with SWR = 000001 it will ask you :

TYPE NO. OF ADDRESSES (OCTAL) BETWEEN VECTORS (10 OR 20)

TYPE SCR ADDRESS FOR FIRST DH11 160020

TYPE VECTOR ADDRESS FOR FIRST DH11 330

TYPE DH11 DEVICE SELECTION PARAMETER (which DH11)

TYPE LINE SELECTION PARAMETER (which line)

TESTING DH11 #00

Without TURN-AROUND-CONNECTOR test 42 and futher will fail

SWITCH SETTINGS :

*SW15= 1 halt on error
SW14= 1 scope loop
SW13= 1 inhibit error print out
SW12= 1
SW11= 1 inhibit iteration
SW10= 1 inhibit modem control tests
SW09= 1 lock on hard error
SW09= 1 run test in SWR <07:00>
SW01= 1 type device map generated by the autosizer
SW00= 1 manual parameter entry*