



**UNITED
TECHNOLOGIES
CARRIER**

Commercial Division
Carrier Corporation

BULLETIN: CA-SB-19-D-90-121

DATE: 4/12/90

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SERVICE BULLETIN

SUBJECT:

32MP RETROKIT WITH A HONEYWELL GUIDE VANE ACTUATOR

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PURPOSE

To provide information on a change to the installation instructions for the 3200MP Retrokit when interfacing with a Honeywell guide vane actuator.

MACHINES AFFECTED

All 17/19 series machines with 3200MP Retrokits

BACKGROUND

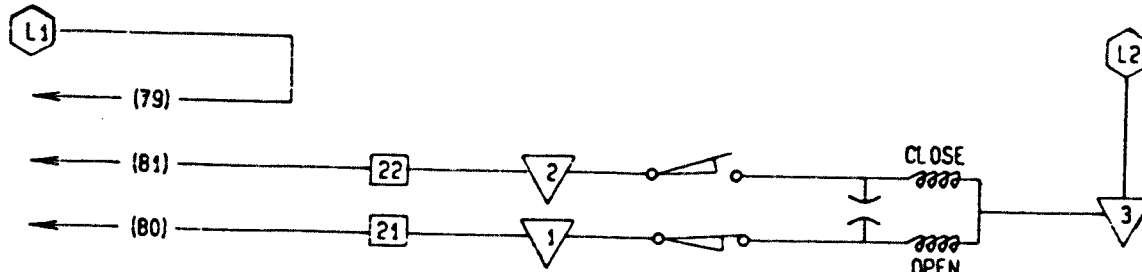
The Installation Instructions for the 3200MP Retrokit, Catalog 571-103, page 13, indicate that the Honeywell guide vane actuator can be controlled directly by the I/O board of the microprocessor.

The instructions are being revised to read as follows:

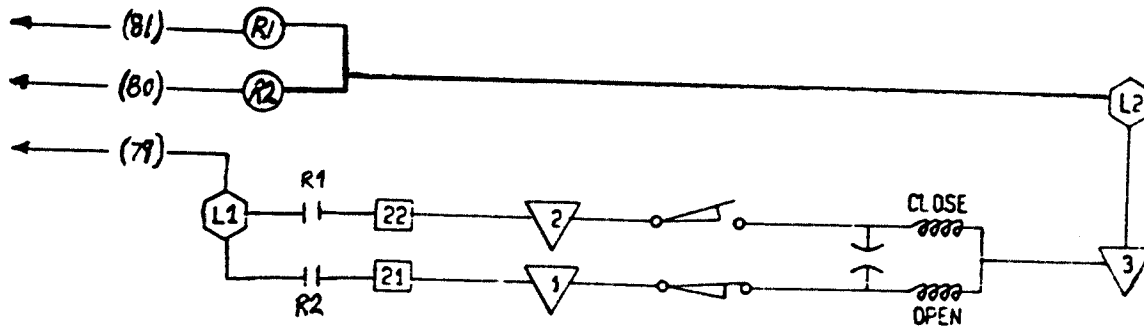
When installing a 3200MP conversion interfacing with a Honeywell actuator, use two pilot relays to isolate the actuator from the I/O board. Connect the coil of relay 1 from terminal 81 to L2. Connect the coil from relay 2 to terminal 80 to L2. Connect terminal 79 to L1. Relay 1 will be the vane close relay. Connect its contact from L1 to terminal 2 on the actuator. Relay 2 will be the vane open relay. Connect its contact from L1 to terminal 1 on the Honeywell actuator. Finish by connecting terminal 3 on the actuator to L2. (See wiring diagram attached.) Check to be sure all L2 terminals in the control behind the ESP are connected together.

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ORIGINAL HONEYWELL ACTUATOR WIRING DIAGRAM



MODIFIED HONEYWELL ACTUATOR WIRING DIAGRAM