IC600YB808

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Ge Series Six 6

1-919-535-3180

Interrupt Input Module (8 points) IC600Y IC600YB

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INSTALLATION

The Interrupt Input module can be installed in any position of an I/O rack in a CPU I/O station or Local I/O station. (A Model 60 CPU-based system contains I/O slots within the CPU rack.) The module address is hardwired on the circuit board to equal 125, decimal (FD, hexadecimal). Consequently, the values of the DIP switches on the rack backplane adjacent to the I/O slot are ignored by the CPU.

Before inserting the module in the I/O rack, the user should inspect the placement of the eight, blue-plastic jumpers on the circuit board (Refer to Figure 2, User Item No. 2). These jumpers allow the user to select the edge responses of the eight inputs. The module is shipped from the factory with the eight inputs set to respond to rising-edge transitions. (The jumpers are inserted between middle terminals and the N terminals.) The user can direct any given input to respond to a falling-edge transition by inserting the associated jumper between the middle terminal and the I terminal.

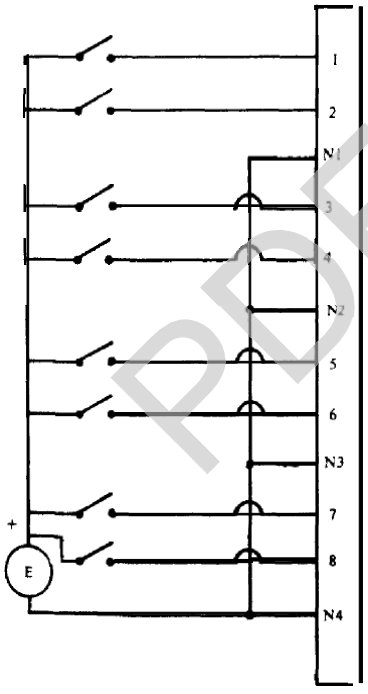
We recommend that you use the extraction/insertion tool furnished with your CPU to remove or install the circuit board. With the board in place in the rack, the edge connector on the faceplate should be slipped over the circuit board so that proper contact is made. You can then secure the faceplate to the rack using the thumbscrews at the bottom and top.

Refer to Figure 3, Typical User Connections. The Interrupt Input module inputs are connected to user-provided 10 – 30V DC power supplies. The switching device that activates an input must be in series with the power supply. In this scheme, one side of the switching device is connected to the input, the other side is connected to the positive terminal of the 10 → 30V DC supply; the negative terminal of the power supply is connected to the neutral terminal associated with the input.

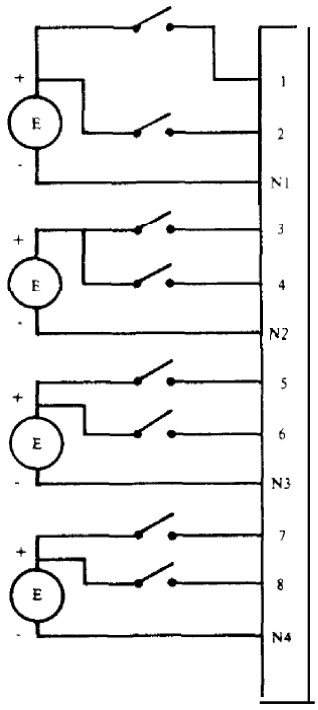
For the purpose of electrical isolation, as few as two inputs can be connected to a single 10 → 30V DC supply. Otherwise, up to eight inputs can be connected to a single 10 → 30V DC supply.

NOTE

We recommend that you power-down your Series Six Programmable Controller before installing or removing the Interrupt Input module. A parity error could result at any address in the I/O structure if you do not power-down as recommended.



NOTE
No Isolation: All inputs on one 10 – 30V DC supply



NOTE
Maximum Isolation: Two inputs on each 10 → 30V DC supply

FIGURE 3. TYPICAL USER CONNECTIONS

ORDERING INFORMATION

Circuit Board & Faceplate	Circuit Board	Faceplate
IC600BF808B	IC600YB808B	IC600FP808A

CATALOG NUMBER REVISION SUFFIX

The equipment listed above having the catalog numbers shown and the same equipment having a higher alpha suffix is designed for listing by UL for use as auxiliary control devices. The equipment is a direct replacement for equipment having the same catalog number but a lower alpha suffix.

This symbol on the nameplate means the product is listed by Underwriters Laboratories Inc. (UL Standard No. 508, Industrial Control Equipment, subsection Electronic Power Conversion Equipment.)

For further information, contact your local GE Fanuc sales office.

GE FANUC AUTOMATION NORTH AMERICA, INC., CHARIOTTESVILLE, VIRGINIA

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