

**IC600BF832**  
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**Ge Series Six 6**  
**1-919-535-3180**

In Stock! 115Vac Input Module (32 points) IC600B IC600BF

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GFK-0174

**Installation**

a42382

The 115 VAC Input module can be installed in an I/O rack or the I/O rack section of the Series Six Plus Central Processor Unit (CPU). Follow these steps:

1. Set the Dual-In-Line-Package (DIP) switches directly behind the card slot on the rack back-plane to establish the correct correspondence between the first group of 8 input terminals on this module and the first of four consecutive groups of eight input numbers in the user program. For further information on I/O DIP-switch settings, refer to the Installation Section of the *Series Six Plus Programmable Controller User's Manual (GEK-96602)*.
2. Use the extraction/insertion tool furnished with the Series Six Plus CPU to insert (or remove) this module in the card slot.
3. Guide the faceplate over the circuit board so that the terminals near the bottom of each are mated; secure the faceplate to the rack using the thumbscrews at the top and bottom.
4. Refer to Figure 2. Connect one side of the user circuit to the appropriate input terminal (1 through 8). Circuits connected to inputs 1 through 8 of a group must have their opposite sides connected to the common for that group.

Each input terminal can accommodate one No. 12 AWG wire.

**WARNING**

Voltages from user field devices may be present on the faceplate terminals, even if the power supply in the I/O rack is off. Care should be taken when handling the faceplate of this module or any wires connected to it.

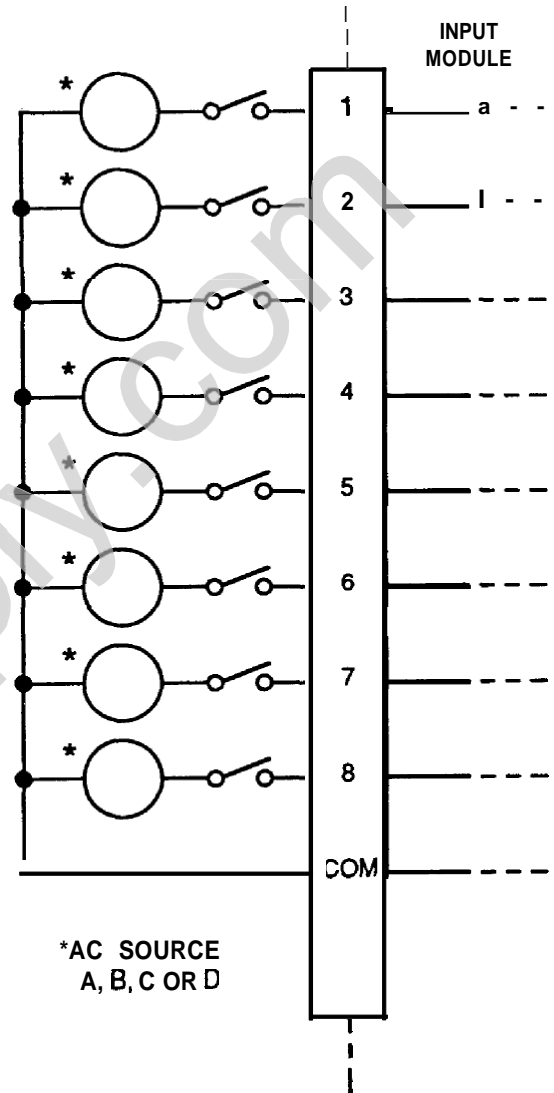


Figure 2. TYPICAL USER INPUT CONNECTIONS

Table 2. SPECIFICATIONS

<b>Dimensions:</b>	
<b>Circuit Board:</b>	8.15 x 11.0 (inches) 208 x 280 (mm)
<b>Faceplate:</b>	12.46 x 1.175 (inches) 317 x 30 (mm)
<b>Power Requirements:</b>	5V DC, 104 ma maximum
<b>Supplied by</b>	I/Power supply.
<b>The user must supply power for the input devices.</b>	
<b>Number of Inputs:</b>	Thirty-two (32) in four groups (A, B, C, D) of 8 inputs (1-8) with independent common, neutral connections.
<b>Operating Temperature:</b>	0° to 60° (At the outside of rack)
<b>Storage Temperature:</b>	-20 to +80°C
<b>Humidity:</b>	5 to 95% (non-condensing)
<b>On Range:</b>	80-132VAC
<b>Off Range:</b>	0-30VAC
<b>Input Current:</b>	9.8 ma @ 115 VAC, 50 Hz.
(Typical)	11.7 ma @ 115 VAC, 60 Hz.
<b>ON Delay:</b>	10-20 ms
<b>OFF Delay:</b>	20-40 ms
<b>Isolation (any group common to Series Six Plus common - also between input groups when two or more independent user power supplies are used for one module):</b>	
<b>Continuous:</b>	240 VDC or 50/60 Hz. AC
<b>Transient:</b>	1,500 V peak, non-repetitive
<b>Noise Immunity to:</b>	Showering arcs per NEMA ICS 2.230.40
	Surges per ANSI C37.90.9
	5W transmitter, 27-450 MHz
<b>Radiated Interference:</b>	<b>Complies</b> with FCC Rule 15 for Class A computing devices

Table 3, ORDERING INFORMATION

DESCRIPTION	CATALOG NUMBER
Circuit Board and Faceplate	IC600BF832K
Faceplate	IC600FP832K

The equipment listed above having the catalog number shown is designed for listing **by** UL for **use** as an auxiliary control device.

The UL 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 North America Distributor or sales office.