

## Input Simulator, 8/16 Point IC693ACC300

The *Input Simulator* module for the Series 90-30 Programmable Logic Controller has 16 two-position switches on the front of the module. Each switch can be programmed as a discrete input device. This module allows simulation of either 8 point or 16 point input modules. A switch, located in the rear of the module, allows configuration of the module for either 8 or 16 points. When the mode switch is set for 8 points, only the first 8 switches can be used. A switch in the ON position results in a logic 1 in the input table (%I). This module requires no field connections. The Input Simulator is a valuable tool when developing programs and troubleshooting since it can be substituted for actual inputs until the program or system is debugged. It can also remain permanently in the system to provide 8 or 16 conditional input contacts for manual control of output devices.

There are two rows of green LED indicators which correspond to the position of each switch. The corresponding LED turns ON when the switch is placed in the ON position, and is OFF when the switch is in the OFF position. The LEDs are arranged in two rows with 8 LEDs in each row. The top row is labeled A1 through A8, and the bottom row is labeled B1 through B8.

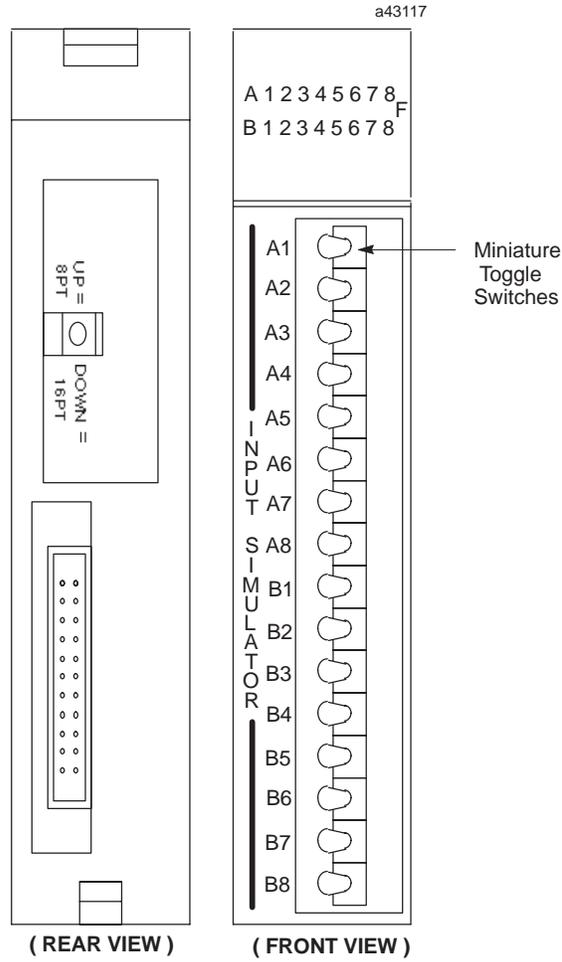
This module can be installed in any I/O slot of a 5 or 10-slot baseplate in a Series 90-30 PLC system.

**Table 6-9. Specifications for IC693ACC300**

<b>Inputs per Module</b>	8 or 16 (switch selectable)
<b>Off Response Time</b>	20 milliseconds maximum
<b>On Response Time</b>	30 milliseconds maximum
<b>Internal Power Consumption</b>	120 mA (all inputs on) from 5 volt bus on backplane

Refer to Appendix B for product standards and general specifications.

The Input Simulator module does not require any field wiring - just set the mode switch on the back of the module to 8 or 16 and install the module in the selected I/O slot in a baseplate. An illustration of the module is shown in the following figure.



**Figure 6-15. IC693ACC300 Input Simulator Module**