

AC/DC Input Power Supplies

IC693PWR321 Standard Power Supply, 120/240 VAC or 125 VDC Input

The IC693PWR321 is a 30 watt supply that can operate from an input voltage source in the range of 85 to 264 VAC or 100 to 300 VDC. This power supply provides three outputs:

- +5 VDC output,
- +24 VDC Relay power output which provides power to circuits on Series 90-30 Output Relay modules.
- Isolated +24 VDC, which is used internally by some modules, can also be used to provide external power for 24 VDC Input modules.

The load capacity for each output of this power supply is shown in the following table.

Table 4-2. IC693PWR321 Power Supply Capacities

Catalog Number	Load Capacity	Nominal Input	Output Capacities (Voltage/Power *)		
IC693PWR321	30 Watts	100 to 240 VAC or 125 VDC	+5 VDC 15 watts	+24 VDC Isolated 20 watts	+24 VDC Relay 15 watts

*Total of all outputs combined cannot exceed 30 watts.

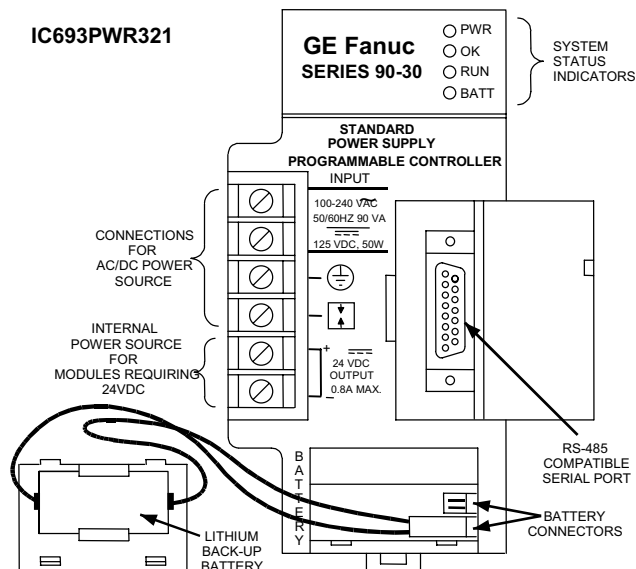


Figure 4-1. Standard AC/DC Input Power Supply - IC693PWR321

Power supplies must be installed in the leftmost slot in all baseplates.

Table 4-3. Specifications for IC693PWR321 Standard AC/DC Input Power Supply

Nominal Rated Voltage	120/240 VAC or 125 VDC
Input Voltage Range	
AC	85 to 264 VAC
DC	100 to 300 VDC
Input Power (Maximum with Full Load)	90 VA with VAC Input 50 W with VDC Input
Inrush Current	4A peak, 250 milliseconds maximum
Output Power	5 VDC and 24 VDC Relay: 15 watts maximum 24 VDC Relay: 15 watts maximum 24 VDC Isolated: 20 watts maximum <i>NOTE: 30 watts maximum total (all three outputs)</i>
Output Voltage	5 VDC: 5.0 VDC to 5.2 VDC (5.1 VDC nominal) Relay 24 VDC: 24 to 28 VDC Isolated 24 VDC: 21.5 VDC to 28 VDC
Protective Limits	
Overvoltage:	5 VDC output: 6.4 to 7 V
Overcurrent:	5 VDC output: 4 A maximum
Holdup Time:	20 milliseconds minimum