

**IC693DSM324**  
**New In Stock!**  
**GE Fanuc**

<http://www.pdfsupply.com/automation/ge-fanuc/series-90-30/IC693DSM324>

**Series 90-30**  
**1-919-535-3180**

HI POWER 4 AXIS IC693D IC693DS IC693DSM

[www.pdfsupply.com](http://www.pdfsupply.com)

**Email:** [sales@pdfsupply.com](mailto:sales@pdfsupply.com)

## Operational Notes

### **Follower Disable and Abort Operation**

When the follower function is active, The DSM ABORT %Q bit **DOES NOT** disable the follower function. The user can immediately halt motion by turning off the Enable Follower %Q bit. Thus, the ABORT %Q bit halts programmed motion and the Enable follower %Q bit halts follower motion.

### **CAM in Absolute Mode can Lose Synch if Master Drive is Disabled**

If the Master axis is disabled and then re-enabled, the CAM axis will lose master counts that result from master axis motion that occurs while the master axis is disabled. In Absolute mode, this can cause the CAM axis to lose synch from the absolute master value. It is recommended that when the CAM command is operated in absolute mode, the CAM be aborted when the Master axis is disabled.

## Specifications

<b>Power Requirements</b>	
Power Supply Voltage:	5 VDC from Host Controller backplane
Power Supply Current Draw by DSM:	860 mA plus encoder supply current (see next item).
Available +5V Current per Module to supply external encoder, if used:	500 mA (if used, must be added to module +5V current draw)
<b>PACSystems RX3i</b>	
Main Rack Model 310 CPUs:	5 DSM324i modules in CPU baseplate per PWR 040
Series 90-30 Expansion/Remote Racks (5 and 10-slot expansion or remote baseplates - 8 total baseplates per system)	2 DSM324i modules in remote baseplate with PWR321 3 DSM324i modules in expansion baseplate with PWR330/331 6 DSM324i modules in expansion/remote baseplate with PWR330/331
PACSystems RX3i Maximum	32 total DSM324i modules per PACSystems RX3i system
<b>Series 90-30</b>	
Main Rack Model 364, 374 CPUs:	1 DSM324i module in CPU baseplate with PWR321/322/328 4 DSM324i modules in CPU baseplate with PWR330/331
Main Rack Model 350, 352, 360, 363 CPUs:	2 DSM324i modules in CPU baseplate with PWR321/322/328 5 DSM324i modules in CPU baseplate with PWR330/331
Expansion/Remote Racks (5 and 10-slot expansion or remote baseplates - 8 total baseplates per system)	2 DSM324i modules in remote baseplate with PWR321/322/328 3 DSM324i modules in expansion baseplate with PWR330/331 6 DSM324i modules in expansion/remote baseplate with PWR330/331
Series 90-30 maximum	20 total DSM324i modules per Series 90-30 PLC system

## ***Installation in Hazardous Locations***

***The following information is for products bearing the UL marking for Hazardous Locations:***

- WARNING - EXPLOSION HAZARD - SUBSTITUTION OF COMPONENTS MAY IMPAIR SUITABILITY FOR CLASS I, DIVISION 2;
- WARNING - EXPLOSION HAZARD - WHEN IN HAZARDOUS LOCATIONS, TURN OFF POWER BEFORE REPLACING OR WIRING MODULES; AND
- WARNING - EXPLOSION HAZARD - DO NOT DISCONNECT EQUIPMENT UNLESS POWER HAS BEEN SWITCHED OFF OR THE AREA IS KNOWN TO BE NONHAZARDOUS.
- EQUIPMENT LABELED WITH REFERENCE TO CLASS I, GROUPS A, B, C & D, DIV. 2 HAZARDOUS LOCATIONS IS SUITABLE FOR USE IN CLASS I, DIVISION 2, GROUPS A, B, C, D OR NON-HAZARDOUS LOCATIONS ONLY.
- *Control circuit modules* require one No. 14 AWG through 22 AWG or two No. 16 AWG through 22 AWG stranded or solid copper conductors. The tightening torque range for the control terminals is 9.6—11.5 in.-lb. Use only wire rated for 90°C. Observe any additional ratings that are provided with the module.