



This Datasheet for the

IC693CPU363

CPU 363 Module, (240 Kbytes Configurable User Memory, 4K I/O, 8 Racks), 2 Built-In Serial Port, .22 msec/K

<http://www.qualitrol.com/shop/p-14638-ic693cpu363.aspx>

Provides the wiring diagrams and installation guidelines for this GE Series 90-30 module.

For further information, please contact Qualitrol Technical Support at

1-800-784-9385

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CPU363

Catalog Number IC693CPU363

CPU Type	Single slot CPU module	
Total Baseplates per System	8 (CPU baseplate + 7 expansion and/or remote)	
Load Required from Power Supply	890 milliamps from +5 VDC supply	
Processor Speed	25 MegaHertz	
Processor Type	80386EX	
Operating Temperature	0 to 60 degrees C (32 to 140 degrees F) ambient	
Typical Scan Rate	0.22 milliseconds per 1K of logic (boolean contacts)	
User Memory (total)	240K (245,760) Bytes. Actual size of available user program memory depends on the amounts configured for %R, %AI, and %AQ configurable word memory types (see below).	
Discrete Input Points - %I	2,048	
Discrete Output Points - %Q	2,048	
Discrete Global Memory - %G	1,280 bits	
Internal Coils - %M	4,096 bits	
Output (Temporary) Coils - %T	256 bits	
System Status References - %S	128 bits (%S, %SA, %SB, %SC - 32 bits each)	
Register Memory - %R	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.	
Analog Inputs - %AI	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.	
Analog Outputs - %AQ	Configurable in 128 word increments from 128 to 16,384 words with Logicmaster and from 128 to 32,640 words with Control version 2.2.	
System Registers (for reference table viewing only; cannot be referenced in user logic program)	28 words (%SR)	
Timers/Counters	>2,000	
Shift Registers	Yes	
Built-in Ports	Three ports. Supports SNP/SNPX slave (on power supply connector). On Ports 1 and 2, supports SNP/SNPX master/slave and RTU slave. Requires CMM module for CCM; PCM module for RTU master support.	
Communications	LAN - Supports multidrop. Also supports Ethernet, FIP, Profibus, GBC, GCM, GCM+ option modules.	
Override	Yes	
Battery Backed Clock	Yes	
Interrupt Support	Supports the periodic subroutine feature.	
Type of Memory Storage	RAM and Flash	
PCM/CCM Compatibility	Yes	
Floating Point Math Support	Yes, firmware-based in firmware Release 9.0 and later.	