



This Datasheet for the

[IC693CPU311](#)

5-Slot Base With CPU in Base (6 Kbytes User Program Memory)

<http://www.qualitrol.com/shop/p-14628-ic693cpu311.aspx>

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

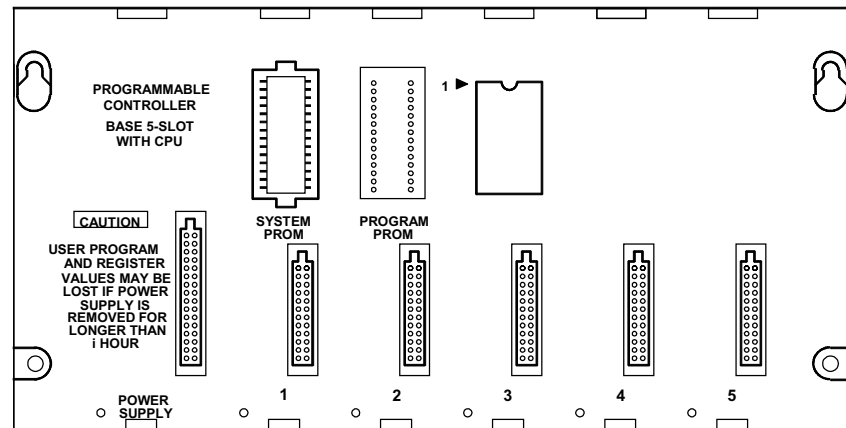
For further information, please contact Qualitrol Technical Support at

1-800-784-9385

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CPU311

Catalog Number IC693CPU311



CPU Type	5-slot baseplate with embedded CPU
Total Baseplates per System	1
Load Required from Power Supply	410 milliamps from +5 VDC supply
Processor Speed	10 MegaHertz
Processor Type	80188
Operating Temperature	0 to 60 degrees C (32 to 140 degrees F) ambient
Typical Scan Rate	18 milliseconds per 1K of logic (boolean contacts)
User Program Memory (maximum)	6K Bytes
Discrete Input Points - %I	160 (maximum - combined inputs + outputs)
Discrete Output Points - %Q	160 (maximum - combined outputs + inputs)
Discrete Global Memory - %G	1280 bits
Internal Coils - %M	1024 bits
Output (Temporary) Coils - %T	256 bits
System Status References - %S	128 bits (%S, %SA, %SB, %SC - 32 bits each)
Register Memory - %R	512 words
Analog Inputs - %AI	64 words
Analog Outputs - %AQ	32 words
System Registers (for reference table viewing only; cannot be referenced in user logic program)	16 words (%SR)
Timers/Counters	170
Shift Registers	yes
Built-in Serial Ports	1 (uses connector on PLC power supply). Supports SNP slave and SNP-X slave protocols.
Communications	LAN - Supports multidrop. Also supports Ethernet, FIP, Profibus, GBC, GCM, GCM+ option modules.
Override	no
Battery Backed Clock	no
Interrupts	no
Type of Memory Storage	RAM and optional EPROM or EEPROM
PCM/CCM Compatibility	no