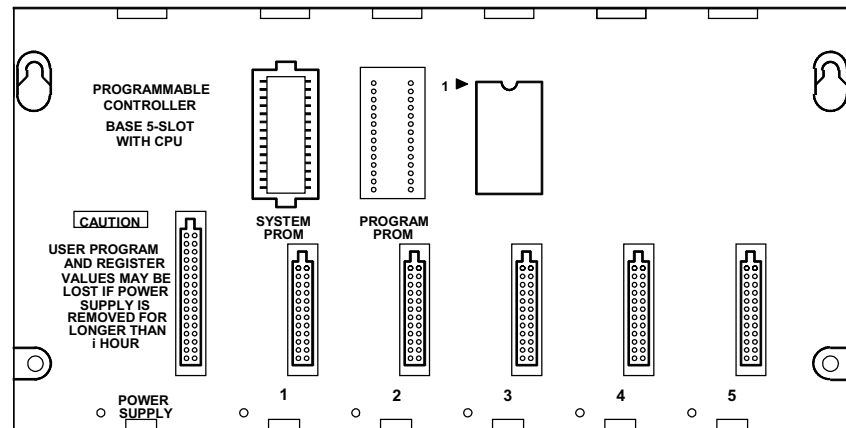


## CPU311

## 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  |