

**CPU350****Catalog Number IC693CPU350**

|                                                                                                 |                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CPU Type                                                                                        | Single slot CPU module                                                                                                                                                                       |
| Total Baseplates per System                                                                     | 8 (CPU baseplate + 7 expansion and/or remote)                                                                                                                                                |
| Load Required from Power Supply                                                                 | 670 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 Program Memory (maximum)                                                                   | 32K Bytes (not configurable)                                                                                                                                                                 |
| 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                                                                            | 9,999 words                                                                                                                                                                                  |
| Analog Inputs - %AI                                                                             | 2,048 words                                                                                                                                                                                  |
| Analog Outputs - %AQ                                                                            | 512 words                                                                                                                                                                                    |
| 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 Serial Port                                                                            | 1 (uses connector on PLC power supply). Supports SNP/SNP-X slave protocols. Requires CMM module for SNP/SNP-X master, CCM, or RTU slave protocol support; 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                                                                                                                                                                                          |
| Interrupts                                                                                      | 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 releases 9.0 and later.                                                                                                                                      |

