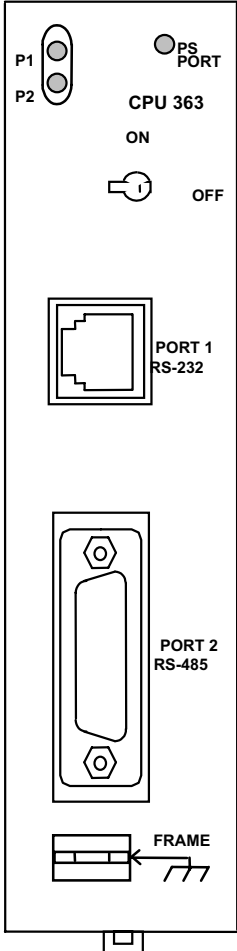


**CPU363****Catalog Number IC693CPU363**

|                                                                                                 |                                                                                                                                                                                                   |                                                                                      |
|-------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| CPU Type                                                                                        | Single slot CPU module                                                                                                                                                                            |  |
| Total Baseplates per System                                                                     | 8<br>(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.                                                                                                                                            |                                                                                      |