CPU374

Catalog Number IC693CPU374

CPU type Single slot CPU module with embedded Ethernet Interface

133 MHz Processor speed Embedded 586 Processor Type

Typical Scan Rate 0.15 milliseconds per 1K of logic (boolean contacts)

Type of Memory Storage RAM and Flash

User Memory (total) 240KB (245,760) Bytes. Note: Actual size of available user

program memory depends on the amounts configured for %R,

%AI, and %AQ configurable word memory types.

Discrete Input Points - %I 2,048 (fixed) Discrete Output Points - %Q 2,048 (fixed) Discrete Global Memory - %G 1,280 bits (fixed) Internal Coils - %M 4,096 bits (fixed) Output (Temporary) Coils - %T 256 bits (fixed)

System Status References - %S 128 bits (%S, %SA, %SB, %SC - 32 bits each) (fixed)

Register Memory - %R Configurable 128 to 32,640 words Analog Inputs - %AI Configurable 128 to 32,640 words Analog Outputs - %AQ Configurable 128 to 32,640 words

System Registers - %SR 28 words (fixed)

Timers/Counters >2,000 (depends on available user memory)

Yes

Yes

Yes **Battery Backed Clock**

Battery Back Up (Number of months

with no power)

Load Required from Power Supply

EZ Program Store Device

Total Baseplates per System

Interrupt Support

Communications and Programmable

Coprocessor Compatibility

Override

Yes

Floating Point Math Yes, Hardware Floating Point Math

VersaPro 2.03 or later. CIMPLICITY Machine Edition Logic **Programming Support** Developer 2.60 or later. Control software version 2.50 or later.

1.2 months for internal battery (installed in the power supply)

7.4 watts of 5VDC. High Capacity power supplies recommended.

15 months with external battery (IC693ACC302)

8 (CPU baseplate + 7 expansion and/or remote)

Supports the periodic subroutine feature.

Built-in Serial Ports None. Supports RS-485 port on power supply. Protocol Support SNP and SNPX on power supply RS-485 port

Built-in Ethernet Communications Ethernet (built-in) – 10/100 base-T/TX Ethernet Switch

Number of Ethernet Ports Two, both are 10/100baseT/TX ports with auto sensing. RJ-45

connection.

Number of IP Addresses One

Protocols SRTP and Ethernet Global Data (EGD). No channel support.

Web Server Support

0 to 60°C (32 to 140°F) ambient Operating Temperature

Storage Temperature -40°C to +85°C

UL508, C-UL (Class I, DIV II, A, B, C, D), CE Mark Agency Approvals Low Temperature (LT) Testing Yes. The CPU374 is available for -40° to 60°C operation.

