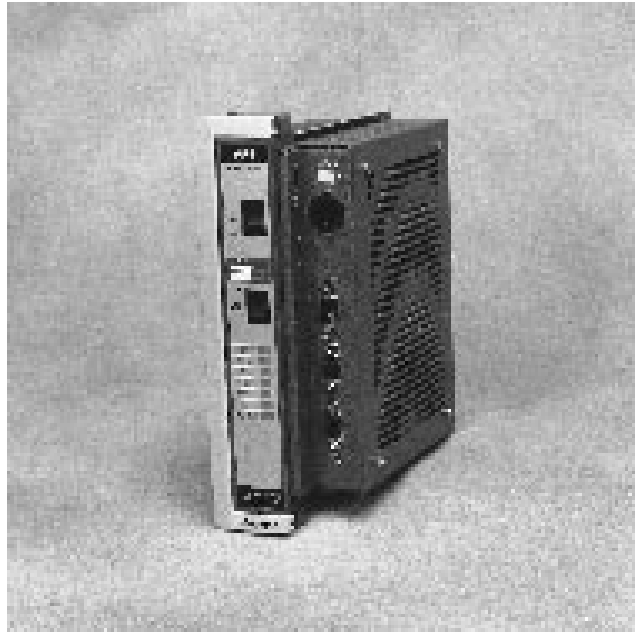


## 984-685

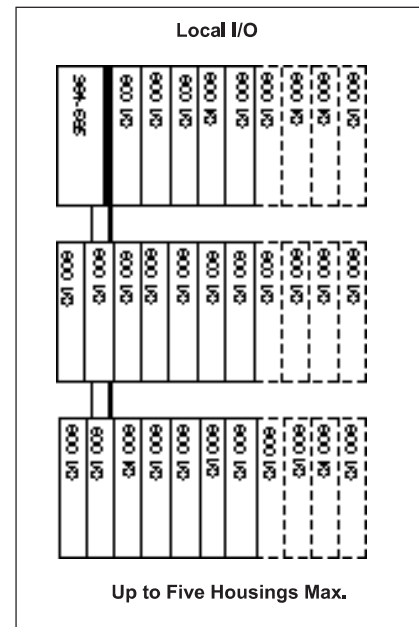
The 984-685 PLC handles mid-range to large applications. It supports five racks of local 800 series I/O and up to 31 drops of remote I/O. For remote I/O, an optional S908 processor is required. The S908 processor supports either single or redundant cable configurations. If you are configuring a remote I/O system, you must also add an S908 Remote I/O Processor (Part No. AS-S908-110 or AS-S908-120 for single/dual cable configurations) and a remote I/O Executive Cartridge (Part # AS-E908-016 or AS-E908-031).

The 984-685 supports the S911-800 Hot Standby optional processor that increases the performance and functionality of your system.

The 984-685 includes onboard executive and user memory.



984-685 Differentiating Features				
Model No	1 Modbus Port	2 Modbus Ports	1 Modbus Plus Port	Logic Solve Speed (ms/k)
PC-E984-685		√	√	1



**984-685 Technical Specifications**  
**PC-E984-685**

**Architecture**

Memory	
User logic	16k
Registers	9999
Total	26k
I/O Capacity	
Max. Discrete I/O	8192 In/8192 Out
Max. Analog I/O	1088 In/1088 Out
Local I/O Capacity	
Total I/O Bits	1024 In/1024 Out
Total I/O Racks	5
Remote I/O Capacity	
Max. I/O Bits per Drop	512 In/512 Out or 1024 In/1024 Out
Max. # Drops	31                      16
Total I/O Bits	16,384
Max. # ASCII Ports	32
Internal Coils (Includes Disc. I/O)	8192
Performance	1 ms/k
Communication Ports	2 Modbus 1 Modbus Plus

**Electrical**

Power Supply	
Input Voltage	115 Vac 230 Vac
I/O Power Capacity	24 Vdc 8 amps

**Environmental**

Temperature	0 ... 60°C
Humidity	0 ... 95%
Shock Resistance	10 G (11 ms)

**Physical**

Dimensions	
W x H x D	2.54 x 10.5 x 8 in
(39.4 x 266 x 203 mm)	
Space Requirements	Slots 1 and 2 in H8xx-209 housing
Weight	8.6 lbs (3.6 kg)

