

PC-E984-685

Modicon 984 CPU/Power-Supply Module

Product identification

Schneider Electric PC-E984-685 is the Modicon 984 CPU/Power-Supply Module for Modicon 984. It executes application logic, manages 800 Series I/O and communicates over Modbus and Modbus Plus.

Parameter	Official value
Manufacturer	Schneider Electric
Model	PC-E984-685
Product Family	Modicon 984
Product Type	CPU/Power Supply Module

Technical information

Parameter	Official value
Module Type	CPU and power-supply module
Processor	16-bit CPU
Logic Solve Time	2 ms/K
AC Input	115 or 230 VAC by jumper
AC Frequency	47-63 Hz
DC Supply	24 VDC primary or backup
Power Capacity	47.5 W total
Local I/O Power	40 W
CPU Allocation	7.5 W
User Logic Memory	8K or 16K via cartridge
Optional State RAM	Up to 1,920 words
Extended Registers	Up to 4,096
Local I/O Capacity	1,024 points
Local Housing Capacity	Up to five housings
Programming Port	Modbus
Network Port	Modbus Plus
Remote I/O Option	S908 processor
Hot-Standby Option	S911-800 executive cartridge
Memory Retention	Battery backed
Battery Protection	Up to one year
Battery Shelf Life	Five years
Indicators	POWER OK, READY, RUN, BATTERY LOW, COMM 1 and COMM 2
Memory Protection	Key-switch control
Lifecycle	Out of commercialization
Software	Modsoft for most 984 configurations

Applications

- Runs logic for installed Modicon 800 Series local I/O architectures.
- Coordinates legacy process and machine sequences through Modbus-connected equipment.
- Supports installed systems that depend on Modbus Plus networking or optional remote I/O.

Processor & Power

- Official documentation specifies processor as 16-bit CPU for this configuration.
- Official documentation specifies ac input as 115 or 230 VAC by jumper for this configuration.
- Official documentation specifies power capacity as 47.5 W total for this configuration.

Memory Capacity

- Official documentation specifies cpu allocation as 7.5 W for this configuration.
- Official documentation specifies user logic memory as 8K or 16K via cartridge for this configuration.
- Official documentation specifies optional state ram as Up to 1,920 words for this configuration.

Communication & I/O

- Official documentation specifies local i/o capacity as 1,024 points for this configuration.
- Official documentation specifies programming port as Modbus for this configuration.
- Official documentation specifies network port as Modbus Plus for this configuration.

Selection and installation checks

- Set the 115/230 vac input jumper correctly.
- Preserve memory, state-ram and i/o processor options.
- Engineer any migration because no direct drop-in replacement is stated.

Request a quotation
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Manufacturer source

Schneider Electric Modicon 984 documentation