Standard Models

Customize the CQM1 to your application by using the wide selection of units.

Power Supply Units

There are three available power supply units – one using 24 VDC and the rest using 100 to 240 VAC. The AC units come with or without a built-in 24 VDC service power supply.

Supply Voltage	24 VDC Service Power Supply	Supplied to Units (5V)	Model
100 to 240 VAC 50/60 Hz	None	3.6 A, 18 W	CQM1-PA203
	0.5 A	6.0 A, 30 W (includes service supply)	CQM1-PA206
24 VDC	—	6.0 A, 30 W	CQM1-PD026

CPU Units

The CQM1 CPU units have 16 built-in DC inputs. Four of these inputs can be used as interrupt inputs and one can be used as a high-speed counter input.

Max. I/O Points	Program Capacity	DM Capacity	RS-232C Port	Analog Setting	Pulse I/O	ABS Interface	Built-in Analog I/O	Current Consumption	Model
128	3.2K words	1K words	—	—	—	—	—	800 mA, 5 VDC	CQM1-CPU11-E
			Yes	—	—	—	—	820 mA, 5 VDC	CQM1-CPU21-E
256	7.2K words	6K words	Yes	—	—	—	—		CQM1-CPU41-EV1
				Yes	—	—	—	820 mA, 5 VDC	CQM1-CPU42-EV1
				—	Yes	—	—	980 mA, 5 VDC	CQM1-CPU43-EV1
				—	—	Yes	—		CQM1-CPU44-EV1
				—	—	—	Yes		CQM1-CPU45-EV1

Note: The End Plate that covers the right side of the CQM1 is included with the CPU unit.

Memory Cassettes (optional)

Choose either the EEPROM or the EPROM Memory Cassette to enhance the CQM1's memory. They will prevent the CQM1's Program Memory and DM from being lost during power interruption. The program and data in DM can be transferred between the CPU unit's RAM and the Memory Cassette. Data cannot be written to EPROM from the CPU unit.

Memory	Capacity	Clock	Model
EEPROM	4K words	—	CQM1-ME04K
		Yes	CQM1-ME04R
	8K words	—	CQM1-ME08K
		Yes	CQM1-ME08R
EPROM (IC socket only)	—	—	CQM1-MP08K
		Yes	CQM1-MP04R

Clock Function

Clock and calendar data can be used in the program when a Memory Cassette with the clock function is installed.