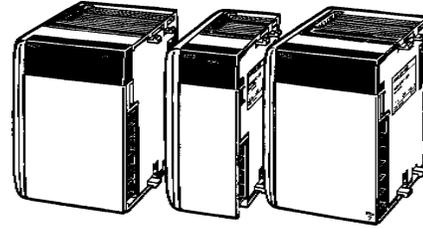


Power Supply Units

Both AC and DC Power Supply Units are available. The AC Power Supply Units require a power supply input from 100 to 240 VAC and two of the AC Power Supply Units are equipped with an auxiliary 24 VDC power supply output.

The CQM1H's left End Cover is part of the Power Supply Unit.



CQM1-PA206 CQM1-PA203 CQM1-PD026
CQM1-PA216

■ SPECIFICATIONS

Item	CQM1-PA203	CQM1-PA206	CQM1-PA216	CQM1-PD026
Supply voltage	100 to 240 VAC, 50/60 Hz		100 or 230 VAC (selectable), 50/60 Hz	24 VDC
Operating voltage range	85 to 264 VAC		85 to 132 VAC or 170 to 264 VAC	20 to 28 VDC
Operating frequency range	47 to 63 Hz			—
Power consumption	60 VA max.	120 VA max.		50 W max.
Inrush current	30 A max.			
Output capacity	5 VDC: 3.6 A (18 W)	5 VDC: 6 A 24 VDC: 0.5 A (30 W total)		5 VDC: 6 A (30 W)
Insulation resistance	20 M Ω min. at 500 VDC between AC external terminals and GR terminals			
Dielectric strength	2,300 VAC 50/60 Hz for 1 min between AC external and GR terminals, leakage current: 10 mA max. 1,000 VAC 50/60 Hz for 1 min between DC external and GR terminals, leakage current: 20 mA max.			
Noise immunity	Conforms to IEC61000-4-4, 2 kV (power lines)			
Vibration resistance	10 to 57 Hz with an amplitude of 0.075 mm, and 57 to 150 Hz with an acceleration of 9.8 m/s ² in the X, Y, and Z directions for 80 minutes each (i.e., swept for 8 minutes, 10 times).			
Shock resistance	147 m/s ² (118 m/s ² for Contact Output Units) 3 times each in X, Y, and Z directions			
Ambient temperature	Operating: 0° to 55°C (32° to 131°F) Storage: -20° to 75°C (-4° to 167°F), except battery			
Ambient operating humidity	10% to 90% RH (no condensation)			
Operating environment	No corrosive gas			
Ground	Less than 100 Ω			
Construction	Panel mounted			
Weight	5 kg max.			
Internal current consumption	CQM1H-CPU11: 820 mA at 5 VDC CQM1H-CPU21/51/61: 840 mA at 5 VDC			
Dimensions (without cables)	CQM1H-CPU11/21: 187 to 571 × 110 × 107 mm (W×H×D) CQM1H-CPU51/61: 187 to 603 × 110 × 107 mm (W×H×D)			
Accessories	RS-232C connector (one XM2A-0901 Plug and one XM2S-0911-E Hood) (except CQM1H-CPU11) CQM1H-BAT01 Battery Set (installed in CPU Unit when shipped)			

Note: The total power consumed at 5 VDC and 24 VDC must be less than 30 W.
 $(5 \times \text{Current consumed at 5 VDC}) + (24 \times \text{Current consumed at 24 VDC}) \leq 30 \text{ W}$