

MELSEC-Q

Product Data Sheet

Q06HCPU

MELSEC-Q high-performance CPU module

FUNCTION	FAMILY	ORIGIN	WEIGHT
MELSEC-Q high-performance CPU module	MELSEC-Q	Japan	0.20 kg

Mitsubishi Q06HCPU is a MELSEC-Q high-performance CPU module for the MELSEC-Q. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Program capacity	60 K steps
LD instruction speed	34 ns
MOV instruction speed	102 ns
I/O device points	8192
Physical I/O points	4096
Programming languages	Ladder, list, SFC, function block and structured text
Peripheral ports	USB and RS-232
Memory card interface	SRAM, Flash and ATA cards
Constant scan range	0.5-2000 ms
Internal current consumption	0.64 A at 5 V DC

- Municipal and Industrial Water Treatment: Municipal drinking water and wastewater treatment; Industrial water and environmental treatment
- Thermal, Hydroelectric and Renewable Power: Thermal and hydroelectric power production; Renewable generation and energy integration
- Assembly and Continuous Production: Assembly production and component manufacturing; Continuous production and material conversion

Match Q06HCPU to the installed MELSEC-Q, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Official manufacturer documentation applicable to Q06HCPU](#)

Selected official manufacturer pages; embedded web links removed.