

Specifications

Item	Q02UCPU	Q03UDCPU	Q04UDHCPU	Q06UDHCPU	Q13UDHCPU	Q26UDHCPU	
		Q03UDECPU	Q04UDEHCPU	Q06UDEHCPU	Q13UDEHCPU	Q26UDEHCPU	
Control method	Sequence program control method						
I/O control mode	Refresh						
Program language (sequence control language)	Relay symbol language (ladder), logic symbolic language (list), MELSAP3 (SFC), MELSAP-L, and structured text (ST)						
Peripheral connection port	USB	Yes					
	RS-232	Yes	Q03UDCPU	Q04UDHCPU	Q06UDHCPU	Q13UDHCPU	Q26UDHCPU
	Ethernet	No	Q03UDECPU	Q04UDEHCPU	Q06UDEHCPU	Q13UDEHCPU	Q26UDEHCPU
Processing speed (sequence instruction)	LD instruction	0.04 ms	0.02 ms	0.0095 ms			
	MOV instruction	0.08 ms	0.04 ms	0.019 ms			
	PC MIX value	14	28	60			
	Floating point addition	0.18 ms	0.12 ms	0.057 ms			
Total number of instructions	758	764					
Operation	YES						
Character string processing instruction	YES						
PID instruction	YES						
Special function instruction	YES						
Constant scan	0.5 to 2000 ms (setting available in units of 0.5 ms)						
Program capacity	20 k steps	30 k steps	40 k steps	60 k steps	130 k steps	260 k steps	
Number of I/O device points [X/Y]	8192 points						
Number of I/O points [X/Y]	2048 points	4096 points					
Internal relay [M]	8192 points						
Latch relay [L]	8192 points						
Link relay [B]	8192 points						
Timer [T]	2048 points						
Retentive timer [ST]	0 points						
Counter [C]	1024 points						
Data register [D]	12288 points						
Link register [W]	8192 points						
Annunciator [F]	2048 points						
Edge relay [V]	2048 points						
Link special relay [SB]	2048 points						
Link special register [SW]	2048 points						
File register [R, ZR]	65536 points	98304 points	131072 points	393216 points	524288 points	655360 points	

Step relay [S]	8192 points
Index register/standard device register [Z]	20 points
Index register [Z] (32-bit ZR indexing)	Max. 10 points (Z0 to Z18)(Index register [Z] is used in double words.)
Pointer [P]	4096 points
Interrupt pointer [I]	256 points
Special relay [SM]	2048 points
Special register [SD]	2048 points
Function input [FX]	16 points
Function output [FY]	16 points
Function register [FD]	5 points
Local device	Yes
Device initial values	Yes

Product List

CPU Modules	
Q00JCPU	Basic Q CPU module, 8k step memory, 200ns per instruction, single processor type, combined 5 slot base and 110-240V AC power supply
Q00CPU	Basic Q CPU module, 8k step memory, 160ns per instruction
Q01CPU	Basic Q CPU module, 14k step memory, 100ns per instruction
Q02CPU	Q CPU module, 28k step memory, 79ns per instruction, multi processor capability
Q02HCPU	High speed Q CPU module, 28k step memory, 34ns per instruction, multi processor capability
Q06HCPU	High speed Q CPU module, 60k step memory, 34ns per instruction, multi processor capability
Q12HCPU	High speed Q CPU module, 124k step memory, 34ns per instruction, multi processor capability
Q25HCPU	High speed Q CPU module, 252k step memory, 34ns per instruction, multi processor capability
Q06PHCPU	Q Process CPU module, 64k step memory, 34ns per instruction, multi processor capability
Q12PHCPU	Q Process CPU module, 124k step memory, 34ns per instruction, multi processor capability
Q25PHCPU	Q Process CPU module, 252k step memory, 34ns per instruction, multi processor capability
Q12PRHCPU	CPU Module Redundant System, 4096/8192 I/O Points, Process functions, 124k steps
Q25PRHCPU	CPU Module Redundant System, 4096/8192 I/O Points, Process functions, 252k steps
Q06CCPU-V-H01	"C" Controller CPU, Standard ROM 16MB, Work RAM 32MB
Q12DCCPU-V	PLC Q Series CPU module, C/C++ CPU; 128 MB program capacity; VxWorks6.4

Universal CPU Modules

Q00UJCPU	Universal Q CPU module, 10k step memory, 120ns per instruction, single processor type, combined 5 slot base and 110-240V AC power supply
Q00UCPU	Universal Q CPU module, 10k step memory, 80ns per instruction, multi processor capability
Q01UCPU	Universal Q CPU module, 15k step memory, 60ns per instruction, multi processor capability
Q02UCPU	Universal Q CPU module, 20k step memory, 40ns per instruction, multi processor capability
Q03UDCPU	Universal Q CPU module, 30k step memory, 20ns per instruction, multi processor capability
Q03UDECPU	Universal Q CPU module, 30k step memory, 20ns per instruction, Ethernet enabled
Q04UDHCPU	Universal Q CPU module, 40k step memory, 9.5ns per instruction, multi processor capability
Q04UDEHCPU	Universal Q CPU module, 40k step memory, 9.5ns per instruction, Ethernet enabled
Q06UDHCPU	Universal Q CPU module, 60k step memory, 9.5ns per instruction, multi processor capability
Q06UDEHCPU	Universal Q CPU module, 60k step memory, 9.5ns per instruction, Ethernet enabled
Q10UDHCPU	Universal Q CPU module, 100k step memory, 9.5ns per instruction, multi processor capability
Q10UDEHCPU	Universal Q CPU module, 100k step memory, 9.5ns per instruction, Ethernet enabled
Q13UDHCPU	Universal Q CPU module, 130k step memory, 9.5ns per instruction, multi processor capability
Q13UDEHCPU	Universal Q CPU module, 130k step memory, 9.5ns per instruction, Ethernet enabled
Q20UDHCPU	Universal Q CPU module, 200k step memory, 9.5ns per instruction, multi processor capability
Q20UDEHCPU	Universal Q CPU module, 200k step memory, 9.5ns per instruction, Ethernet enabled
Q26UDHCPU	Universal Q CPU module, 260k step memory, 9.5ns per instruction, multi processor capability
Q26UDEHCPU	Universal Q CPU module, 260k step memory, 9.5ns per instruction, Ethernet enabled
Q50UDEHCPU	Universal Q CPU module, 500k step memory, 9.5ns per instruction, Ethernet enabled
Q100UDEHCPU	Universal Q CPU module, 1000k step memory, 9.5ns per instruction, Ethernet enabled