



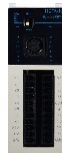
HCA8C

High-speed and card-type unit

Controllable I/O:16~256 points
Main Unit I/O : 16/32/64/96 points

- ◆New High speed and ultrathin PLC
- ◆Ultra high-speed, More capacity, Max. Performance, More Function
- ◆Built-in 4 Pulse Train Outputs (100KHz / 200KHz)
- ◆Built-in six 100kHz & two 10kHz high speed counter
- ◆Built-in 2 Communication Ports (RS422 +Rs485)

HCA8C
High-speed and compact blocks
Controllable I/O:16~256 points
Main Unit I/O : 16/32/64/96 points



HCA8C Main Units



HCA8C-8X8YR
HCA8C-8X8YT-P0
HCA8C-8X8YT-P3
HCA8C-8X8YT-P4
HCA8C-8X8YT-D2

Input: 8points
Output: 8points



HCA8C-16X16YT-P0
HCA8C-16X16YT-P3
HCA8C-16X16YT-P4

Input: 16points
Output: 16points



HCA8C-32X32YR
HCA8C-32X32YT-P4

Input: 32points
Output: 32points



Specifications

Item		Specification
Power supply	Power supply (24V DC)	DC POWER: 24V DC, 350 mA
	Input Spec.	Support NPN (sink input type) and PNP (source input type)
	Output Spec.	Relay Output:2A/1 point, 8A/4 points COM, 8A/8 points COM, 250 VAC, 30 VDC or less Transistor Output: 0.5 A/1 point,0. 8A/4points COM, 1,6 A/8points COM, 5~30V DC
	I/O extension	HCA8C Series input/output extension blocks can be connected. Up to 7 HCA8C Series special function units/blocks can be connected
Performance	Built-in switch	Built-in RUN/STOP switch, RUN/STOP operation can also be realized by input terminal or peripheral device
	Data registers	General:8,000 points,Expansion:32,768 points,File:32,768 points(Memory cassette should be installed), Index:16 points
	Program memory	Built-in 64KM SRAM memory
	Clock function	Built-in real-time clock to have the time control
	Instruction	Support pulse outputs, high-speed processing, positioning, zero return Maximum number of input/output points is 256 points,.
	Processing speed	Standard:0.050μs/basic instruction + 0.170μs /applied instruction
	High speed processing	[1 phase] 100kHz [2 phase] 50kHz 4-axis pulse output
	Max integrated I/O point	384 points (including input/output points of main units, input/output extension blocks, remote I/O)
	Auxiliary relay& timers	Auxiliary:7,680 points timer:512 points
	Counter	General:200 points (16 bit) 35 points (32 bit) High speed counters: [1 phase]100KHz/6 points,10KHz/2 points [2 phase]50KHz/2 point (4 times available) [1 phase] 200kHz [2 phase] 100kHz with high speed adapter
Others	Remote debugging of program	Programming software enables you to remotely transfer the program and monitor the PLC operation through a modem connected to the RS-232C expansion board
	Write during RUN	The programming software for personal computer enables you to modify the program while the PLC is running.
	Communication ports	RS422/RS232/RS485
	Special expansion	Expansion modules with communication function and special function can be connected.
	Provided data communication	Programming communication, parallel link, MODBUS master/ slave station, PC link, inverter communication

Extension Device

Conversion blocks	Left-side extension blocks			Right-side extension blocks			
●Conversion blocks	●Communication blocks	●Temperature input	●Analog blocks	●Special extension blocks	●Input extension blocks	●Output extension blocks	●I/O extension blocks
HCA8C-CNV-TX2N needed for HCA8/TX2N series blocks	HCA8C-C24-ADP	HCA8C-4PT-ADP HCA8C-4PNK-ADP	HCA8C-4AD-ADP HCA8C-4DA-ADP HCA8C-3A-ADP	HCA8C-4AD HCA8C-4DA HCA8C-4PT HCA8C-4TC HCA8C-4WK HCA8C-2HC	HCA8C-8EX HCA8C-16EX HCA8C-16EX-C	HCA8C-8EYR HCA8C-8EYT HCA8C-8EYT-C HCA8C-16EYR HCA8C-16EYT HCA8C-16EYT-C	HCA8C-8EX8EYR HCA8C-8EX8EYT HCA8C-4EX4EYR HCA8C-4EX4EYT HCA8C-8EX8EYT-C