Safety CPU Module

Model Number		QS001CPU
Stocked Item		S
Processing Speed (Sequence Instruction)	LD X0	0.10 µs
	MOV D0 D1	0.35 µs
Program Capacity (*1)		14k steps (56 kB)
Memory Capacity (*1)	Program Memory (Drive 0)	128 kB
	Standard ROM (Drive 4)	128 kB
Max. Number of Files Stored	Program Memory	3 (*2)
	Standard ROM	3 (*2)
Maximum I/O Device Points		6144 points (X/Y0 to 17FF)
Maximum Physical I/O points		1024 points (X/Y0 to 3FF)
Maximum Expansion		4 Communication / Networking modules
Communication Ports		USB (B-Type), RS-232
5VDC Internal Current Consumption		0.43A
Weight (kg)		0.29
Protection Of Degree		IP2X

Notes:
1. The maximum number of executable sequence steps is as follows. (Program capacity) - (File header size (default: 34 steps)) For the details, refer to the QSCPU User's Manual (Function Explanation, Program Fundamentals)
2. Parameter, sequence program, SFC program, and device comment files can be stored.

MELSEC QS Safety Base Unit

Model Number	QS034B
Stocked Item	S
Expansion Slots (Excluding CPU Slot)	4
Applicable Intelligent Function Modules	QS and Q Series communication/networking modules (*1)
5VDC Internal Current Consumption	0.10A
Weight (kg)	0.28
External Dimensions W x H x D mm (in)	245 x 98 x 44.1 (9.65 x 3.86 x 1.74)

Note 1: Only CC-Link Safety, CC-Link IE, MELSECNET/H and Ethernet modules can be connected.

MELSEC QS Safety Power Supplies

Model Number		QS061P-A1	QS061P-A2
Stocked Item		S	-
Applicable Base Unit		QS034B-E	
Input Power Supply		100 to 120VAC +10% -15%	200 to 240VAC +10% -15%
Input Frequency		50/60Hz ±5%	
Input Voltage Distortion Factor		Within 5%	
Max. Input Apparent Power		125VA	
Inrush Current		20A within 8ms (*2)	
Rated Output Current	5VDC	6A	
Allowable Momentary Power Failure Period (*1)		Within 20ms	
Operation Indication		LED indication (Normal: ON (green), Error: OFF)	
Weight (kg)		0.40	

Notes:
1. Allowable momentary power failure period
   • An instantaneous power failure lasting less than 20ms will cause AC down to be detected, but operation will continue.
   • An instantaneous power failure lasting in excess of 20ms may cause the operation to continue or initial start to take place depending on the power supply load.
2. Inrush current. When power is switched on again immediately (within 5 seconds) after power-off, an inrush current of more than the specified value (2ms or less) may flow. Reapply power 5 or more seconds after power-off. When selecting a fuse and breaker in the external circuit, take account of the blowout, detection characteristics and above matters.