

Product list

Programmable automation controller MELSEC iQ-R Series

DB : Co-branded product*1

Product name	Model	Outline
Safety CPU*2	R08SFCPU-SET	Program capacity: 80K steps (40K steps for safety programs); Basic operation processing speed (LD instruction), 0.98 ns
	R16SFCPU-SET	Program capacity: 160K steps (40K steps for safety programs); Basic operation processing speed (LD instruction), 0.98 ns
	R32SFCPU-SET	Program capacity: 320K steps (40K steps for safety programs); Basic operation processing speed (LD instruction), 0.98 ns
	R120SFCPU-SET	Program capacity: 1200K steps (40K steps for safety programs); Basic operation processing speed (LD instruction), 0.98 ns
Main base	R35B	5 slots, for MELSEC iQ-R Series modules
	R38B	8 slots, for MELSEC iQ-R Series modules
	R312B	12 slots, for MELSEC iQ-R Series modules
Power supply	R61P	AC power supply; input, 100...240 V AC; output, 5 V DC/6.5 A
	R62P	AC power supply; input, 100...240 V AC; output, 5 V DC/3.5 A, 24 V DC/0.6 A
	R64P	AC power supply; input, 100...240 V AC; output, 5 V DC/9 A
	R63P	DC power supply; input, 24 V DC; output, 5 V DC/6.5 A
CC-Link IE Field Network master/local module	RJ71GF11-T2	1 Gbps, master/local station
Simple motion	RD77GF4	4 axes, linear/circular interpolation, advanced synchronous control, CC-Link IE Field Network compatible
	RD77GF8	8 axes, linear/circular interpolation, advanced synchronous control, CC-Link IE Field Network compatible
	RD77GF16	16 axes, linear/circular interpolation, advanced synchronous control, CC-Link IE Field Network compatible
	RD77GF32	32 axes, linear/circular interpolation, advanced synchronous control, CC-Link IE Field Network compatible
Safety remote I/O module Main safety input	NZ2GFSS2-8D	Single wiring: 8 points/Double wiring: 4 points, 24 V DC, Response time: 0.4 ms, Negative common type, Spring clamp terminal block, 2-wire
	NZ2GFSS2-32D	Single wiring: 32 points/Double wiring: 16 points, 24 V DC, Response time: 0.4 ms, Negative common type, Spring clamp terminal block, 2-wire
Safety remote I/O module Main safety output	NZ2GFSS2-8TE	Single wiring: 8 points/Double wiring: 4 points, 24 V DC, Response time: 0.4 ms, Source + source type, Spring clamp terminal block, 2-wire
Safety remote I/O module Main safety I/O combined	NZ2GFSS2-16DTE	Single wiring (input/output): 8 points/Double wiring (input/output): 4 points, 24 V DC, Response time: 0.4 ms, Negative common type, Source + source type, Spring clamp terminal block, 2-wire
Safety remote I/O module Extension safety output	NZ2EXSS2-8TE*3	Single wiring: 8 points/Double wiring: 4 points, 24 V DC, Source + source type, Spring clamp terminal block, 2-wire
Waterproof/dustproof type (IP67) Safety remote I/O module Safety I/O combined	NZ2GFS12A2-14DT NEW DB	Single wiring (input): 12 points/Double wiring (input): 6 points, 24 V DC, Negative common type Single wiring (output): not possible/Double wiring (output): 2 points, 24 V DC, Source + sink type Waterproof connector, 2-wire
	NZ2GFS12A2-16DTE NEW DB	Single wiring (input): 12 points/Double wiring (input): 6 points, 24 V DC, Negative common type Single wiring (output): 4 points/Double wiring (output): 2 points, 24 V DC, Source + source type Waterproof connector, 2-wire
MELSOFT GX Works3	SW1DND-GXW3-E	Version 1.015R or later

*1. General specifications and product guarantee conditions for co-branded products may vary from those of general MELSEC products.
For more information, please refer to the relevant product manuals or contact your local Mitsubishi Electric sales office or representative.

*2. R□SF CPU-SET consists of R□SF CPU and R6SFM.

*3. Only NZ2GFSS2-32D can be connected.

Safety programmable controller MELSEC-QS Series

Product name	Model*4	Outline
Safety CPU	QS001CPU (-K)	Program capacity: 14K steps, number of I/O device points: 6144 points, operation/error history: 3,000 records
Safety main base	QS034B (-K)	4 slots; for QS Series, MELSECNET/H, CC-Link IE, and Ethernet interface modules
Safety power supply	QS061P-A1 (-K)	Input: 100...120 V AC, 50/60 Hz; output: 5 V 6 A; with overvoltage/overcurrent protection and shutdown circuit diagnostics
	QS061P-A2 (-K)	Input: 200...240 V AC, 50/60 Hz; output: 5 V 6 A; with overvoltage/overcurrent protection and shutdown circuit diagnostics
CC-Link IE Field Network master/local (with Safety Communication Functions)	QS0J71GF11-T2	Max. number of stations per network: 121 (32 for safety stations) Safety CPU module QS001CPU whose first five serial number digits are 13042 or later
CC-Link Safety system master	QS0J61BT12 (-K)	Max. number of connectable modules: 64 (42 for safety stations)
CC-Link Safety system remote I/O	QS0J65BTB2-12DT (-K)	No. of input points: 8 points (double input), 16 points (single input) No. of output points: 4 points (source + sink type), 2 points (source + source type)
	QS0J65BTS2-8D	No. of input points: 8 points (double input), 16 points (single input)
	QS0J65BTS2-4T	No. of output points: 4 points (source + sink type), 2 points (source + source type)
MELSOFT GX Developer*5	SW8D5C-GPPW-E	Version 8.98C or later

*4. S-mark compatible part models are indicated in parentheses.

*5. GX Works2 Version 1.50C or later product package also includes GX Developer.