



I/O module

Type	Model	Outline	
Connector	A6CON1	32-point connector soldering type (40-pin connector)	
	A6CON2	32-point connector crimp-contact type (40-pin connector)	
	A6CON3	32-point connector pressure-displacement (flat cable) type (40-pin connector)	
	A6CON4	32-point connector soldering type (40-pin connector, cable connectable bidirectionally)	
	A6CON1E	32-point connector soldering type (37-pin D-sub connector)	
	A6CON2E	32-point connector crimp-contact type (37-pin D-sub connector)	
Spring clamp terminal block	A6CON3E	32-point connector pressure-displacement (flat cable) type (37-pin D-sub connector)	
	Q6TE-18SN	For 16-point I/O modules, 0.3...1.5 mm ² (22...16 AWG)	
Terminal block adapter	Q6TA32	For 32-point I/O modules, 0.5 mm ² (20 AWG)	
	Q6TA32-TOL	Q6TA32 dedicated tool	
Connector/terminal block conversion module	A6TBXY36	For positive common input modules and sink output modules (standard type)	
	A6TBXY54	For positive common input modules and sink output modules (2-wire type)	
	A6TBX70	For positive common input modules (3-wire type)	
	A6TBX36-E	For negative common input modules (standard type)	
	A6TBX54-E	For negative common input modules (2-wire type)	
	A6TBY36-E	For source output modules (standard type)	
	Cable	AC05TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 0.5 m
		AC10TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 1 m
		AC20TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 2 m
		AC30TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 3 m
		AC50TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 5 m
		AC80TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 8 m *Common current 0.5 A or lower
		AC100TB	For A6TBXY36, A6TBXY54, and A6TBX70 (positive common/sink type), 10 m *Common current 0.5 A or lower
		AC05TB-E	For A6TBX36-E, A6TBY36-E, and A6TBX54-E (negative common/source type), 0.5 m
		AC10TB-E	For A6TBX36-E, A6TBY36-E, and A6TBX54-E (negative common/source type), 1 m
		AC20TB-E	For A6TBX36-E, A6TBY36-E, and A6TBX54-E (negative common/source type), 2 m
		AC30TB-E	For A6TBX36-E, A6TBY36-E, and A6TBX54-E (negative common/source type), 3 m
		AC50TB-E	For A6TBX36-E, A6TBY36-E, and A6TBX54-E (negative common/source type), 5 m
Relay terminal module	A6TE2-16SRN	For 40-pin connector 24 V DC transistor output modules (sink type)	
Cable	AC06TE	For A6TE2-16SRN, 0.6 m	
	AC10TE	For A6TE2-16SRN, 1 m	
	AC30TE	For A6TE2-16SRN, 3 m	
	AC50TE	For A6TE2-16SRN, 5 m	
	AC100TE	For A6TE2-16SRN, 10 m	

Analog I/O module

Analog input	Voltage input	Q68ADV	8 channels, -10...10 V DC/-4000...4000 (normal resolution mode), -16000...16000 (high resolution mode), conversion speed: 80 µs/channel, 18-point terminal block
	Current input	Q62AD-DGH	2 channels, 4...20 mA DC/0...32000 (16 bits), 0...64000 (32 bits), conversion speed: 10 ms/2 channels, 18-point terminal block, channel isolated, supplies power to 2-wire transmitter
		Q66AD-DG*1	6 channels, 4...20 mA DC (with 2-wire transmitter)/0...4000 (normal resolution mode), 0...12000 (high resolution mode), 0...20mA DC/0...4000 (normal resolution mode), 0...12000 (high resolution mode), conversion speed: 10 ms/channel, 40-pin connector, channel isolated, supplies power to 2-wire transmitter
		Q68ADI	8 channels, 0...20 mA DC/0...4000 (normal resolution mode), 0...12000 (high resolution mode), conversion speed: 80 µs/channel, 18-point terminal block
	Voltage/current input	Q64ADH	4 channels, -10...10 V DC/-20000...20000, 0...20 mA DC/0...20000, conversion speed: 20 µs/channel, 18-point terminal block
		Q64AD	4 channels, -10...10 V DC/-4000...4000 (normal resolution mode), -16000...16000 (high resolution mode), 0...20 mA DC/0...4000 (normal resolution mode), 0...12000 (high resolution mode), conversion speed: 80 µs/channel, 18-point terminal block
		Q64AD-GH	4 channels, -10...10 V DC/-32000...32000 (16 bits), -64000...64000 (32 bits), 0...20 mA DC/0...32000 (16 bits), 0...64000 (32 bits), conversion speed: 10 ms/4 channels, 18-point terminal block, channel isolated
Q68AD-G*1		8 channels, -10...10 V DC/-4000...4000 (normal resolution mode), -16000...16000 (high resolution mode), 0...20 mA DC/0...4000 (normal resolution mode), 0...12000 (high resolution mode), conversion speed: 10 ms/channel, 40-pin connector, channel isolated	

*1. A connector is not provided. The A6CON1/A6CON2/A6CON4 connector must be ordered separately.