

MELSEC-Q series <I/O modules>

Programmable controller module model		Unit type			Model		Connection cable	
QX10 QX50	AC Common	Junction terminal block	Screw	1-wire type 2-wire type	FA-TB161AC FA-TB161ACC2	P.147 P.148	FA-CBL**TD	P.178
QX28	AC	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178
QX40 QX40-S1	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA-CBL**M20 FA-CBL**YM20	P.163 P.164
			Screw	1-wire type	FA-TB16XY FA-TB161AC	P.128 P.147	FA-CBL**TMV20	P.165
				2-wire type	FA-TB161ACC2	P.148	FA-CBL**TD	P.178
			3-row terminal block	3-wire type	FA-TB16XYPN FA-TB16XYPN3	P.130 P.131	FA-CBL**M20 FA-CBL**YM20	P.163 P.164
				3-wire type	FA-LEB16XY FA-LEB16XY-D	P.144 P.144	FA-CBL**TMV20	P.165
			e-CON	DIN rail installation only	FA-LEB16XY-D	P.144		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	FA1-TH4X2SC20S1E Mountable module ▶ P.279	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.163 P.164 P.165 P.169
						FA1-TH8X2SC20S1E Mountable module ▶ P.279		
						FA1-TH4X24RA1L20S1E		
						FA1-TH8X24RA1L20S1E		
						FA1-TH16X24RA1L20S1E		
						FA1-TH4X24RA1H20S1E		
			Screw	24VDC, N/O contact relay (positive common)	Module mixing possible	FA1-TH16X24RA1H20S1E		
						FA1-TH8X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	FA1-TH16XRA20S	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
						FA1-TH16X24D31		
						FA1-TH16X24D31L		
						FA1-TH16X48D31L		
						FA1-TH16X100D31L		
						FA1-TH16X100A31		
QX40H	Positive common	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178
QX41 QX42 QX41-S1 QX41-S2 QX42-S1	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD32XY FA1-TESV32XY FA1-TE1S32XY	P.120 P.120 P.120	FA-CBL**FMV	P.156
					FA-TB32XY FA-TBS32XY	P.128 P.129		
					FA-TB32XYL	P.129		
			Screw	1-wire type	FA-TB32XYN3	P.130	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
					FA-TB8XY1 FA-TB8XY2	P.133 P.133		
				3-wire type	FA-TB8XY3 FA-TB8XY4	P.133 P.133		
					FA-TB16XY1N FA-TB16XY2N	P.132 P.132		
				2-wire type	FA-TB16XY1 FA-TB16XY2	P.134 P.134		
					FA-TB16XY1 FA-TB16XY2	P.134 P.134		
			One-touch connector	3-wire type	FA-CB8XY1 FA-CB8XY2	P.141 P.141	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
					FA-CB8XY3 FA-CB8XY4	P.141 P.141		
				3-wire type	FA-CB16XY1 FA-CB16XY2	P.142 P.142		
					FA-LEB32XY FA-LEB32XY-3	P.145 P.145		
				3-wire type	FA-LEB32XY-3A	P.145		
					FA-LEB32XY-3A	P.145		
		Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
					FA-TB16XY FA-TB16XYPN	P.128 P.130		
			Screw	1-wire type	FA-TB16XYPN3	P.131	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
					FA-LEB16XY FA-LEB16XY-D	P.144 P.144		
			e-CON	3-wire type	FA-LEB16XY-D	P.144		
					FA-LEB16XY-D	P.144		
QX41 QX42 QX41-S1 QX41-S2 QX42-S1	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	FA1-TH4X2SC20S1E Mountable module ▶ P.279	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169
						FA1-TH8X2SC20S1E Mountable module ▶ P.279		
						FA1-TH4X24RA1L20S1E		
						FA1-TH8X24RA1L20S1E		
						FA1-TH16X24RA1L20S1E		
						FA1-TH4X24RA1H20S1E		
						FA1-TH8X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		
						FA1-TH16X24RA1H20S1E		

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Programmable controller module model				Unit type			Model		Connection cable			
QX41 QX42 QX41-S1 QX41-S2 QX42-S1	Positive common	Digital signal converter (terminal module)	Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.234	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158		
				24VDC, 10mA		2-wire type	FA-TH16X24D31	P.235				
				48VDC, 5mA		2-wire type	FA-TH16X24D31L	P.236				
				100VDC, 2.5mA		2-wire type	FA-TH16X48D31L	P.237				
				100VDC, 2.5mA		2-wire type	FA-TH16X100D31L	P.238				
				100VAC, 8mA		2-wire type	FA-TH16X100A31	P.239				
	Common	Junction terminal block	Spring clamp		1-wire type	FA-TH16X100A31L	P.240					
			Screw			FA-TH16X100A31L	P.241					
			Discrete cable			FA-TH16X200A31	P.242					
			Spring clamp terminal block conversion module (only for the QX41, QX41-S1, and QX41-S2)			FA-TH16X200A31L	P.242					
			FA1-TE2SD40P	P.124	FA-CBL**FMV-M	P.182						
			FA-TBS40P	P.139		FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154					
QX70	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20	P.163		
						1-wire type	FA1-TE1SV16XY	P.122	FA-CBL**YM20	P.164		
						1-wire type	FA-TB16XY	P.128	FA-CBL**TMV20	P.165		
						1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178		
					2-wire type	FA-TB161ACC2	P.148	FA-CBL**TD	P.178			
					3-wire type	FA-TB16XYPN	P.130	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165			
			3-row terminal block		3-wire type	FA-TB16XYPN3	P.131					
			e-CON		3-wire type	FA-LEB16XY	P.144					
	Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20	P.163		
						1-wire type	FA1-TE1SV16XY	P.122	FA-CBL**YM20	P.164		
						1-wire type	FA-TB16XY	P.128	FA-CBL**TD	P.178		
						1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178		
					2-wire type	FA-TB161ACC2	P.148	FA-CBL**TD	P.178			
					3-wire type	FA-TB16XYPN	P.130	FA-CBL**M20 FA-CBL**YM20	P.163 P.164			
			3-row terminal block		3-wire type	FA-TB16XYPN3	P.131					
			e-CON		3-wire type	FA-LEB16XY	P.144					
DIN rail installation only			FA-LEB16XY-D	P.144								
QX70H	Positive common	Junction terminal block	Screw			1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178		
QX71 QX72	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.156		
						1-wire type	FA1-TESV32XY	P.120				
						1-wire type	FA1-TE1S32XY	P.120				
						1-wire type	FA-TB32XY	P.128				
						2-wire type	FA-TBS32XY	P.129				
						2-wire type	FA-TB32XYN3	P.130				
						3-wire type	FA-TB8XY1	P.133			FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
							FA-TB8XY2	P.133				
							FA-TB8XY3	P.133				
							FA-TB8XY4	P.133				
						2-wire type	FA-TB16XY1N	P.132				
							FA-TB16XY2N	P.132				
					FA-TB16XY1		P.134					
					FA-TB16XY2		P.134					
					3-wire type	FA-CB8XY1	P.141					
						FA-CB8XY2	P.141					
						FA-CB8XY3	P.141					
						FA-CB8XY4	P.141					
					3-wire type	FA-CB16XY1	P.142					
						FA-CB16XY2	P.142					
						FA-LEB32XY	P.145					
						FA-LEB32XY-3	P.145					
			Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**FM2V	P.157
								1-wire type	FA1-TE1SV16XY	P.122	FA-CBL**FM2LV	P.158
						1-wire type	FA-TB16XY	P.128	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158		
						3-wire type	FA-TB16XYPN	P.130				
	3-row terminal block				3-wire type	FA-TB16XYPN3	P.131					
	e-CON				3-wire type	FA-LEB16XY	P.144					
	DIN rail installation only				3-wire type	FA-LEB16XY-D	P.144					
	Positive common	Junction terminal block			Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMVE	P.159
						1-wire type	FA1-TESV32XY	P.120				
						1-wire type	FA1-TE1S32XY	P.120				
			1-wire type	FA-TB32XY		P.128						
			2-wire type	FA-TBS32XY		P.129						
			2-wire type	FA-TB32XYP3		P.130						
			3-wire type	FA-TB8XY1		P.133	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166				
				FA-TB8XY2		P.133						
				FA-TB8XY3	P.133							
				FA-TB8XY4	P.133							
			3-wire type	FA-TB16XY1	P.134	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166					
				FA-TB16XY2	P.134							
				FA-TB16XY2	P.134							
				FA-TB16XY2	P.134							

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Programmable controller module model			Unit type				Model		Connection cable	
QX71 QX72	Negative common	Junction terminal block	One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.141	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166	
				Distributed 8-point (8 to F)		FA-CB8XY2	P.141			
				Distributed 8-point (10 to 17)		FA-CB8XY3	P.141			
				Distributed 8-point (18 to 1F)	FA-CB8XY4	P.141				
				Distributed 16-point (0 to F)	FA-CB16XY1	P.142				
			Distributed 16-point (10 to 1F)	FA-CB16XY2	P.142					
	e-CON	3-wire type	FA-LEB32XY	P.145	FA-CBL**FMVE	P.159				
			FA-LEB32XY-3	P.145						
		1-wire type	FA-LEB32XY-3A	P.145						
			FA1-TE2SD40P	P.124	FA-CBL**FMV-M	P.182				
		FA-TBS40P	P.139							
								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154	
Spring clamp terminal block conversion module (only for the QX71)						FA1-TE40PA	P.127			
QX80	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165		
					FA1-TE1SV16XY	P.122				
			Screw	1-wire type	FA-TB16XY	P.128			FA-CBL**TD	P.178
					FA-TB161AC	P.147				
				2-wire type	FA-TB161ACC1	P.148	FA-CBL**TD	P.178		
					3-wire type	FA-TB16XYPN			P.130	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20
			FA-TB16XYPN3	P.131						
			e-CON	3-wire type	FA-LEB16XY	P.144				
					FA-LEB16XY-D	P.144				
			DIN rail installation only							
QX80H	Negative common	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178		
QX81 QX81-S2	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**DMFX	P.160		
					FA1-TESV32XY	P.120				
			Screw	1-wire type	FA1-TE1S32XY	P.120			FA-CBL**DMFX FA-CBL**MMH (for distributed installation)	P.160 P.166
					FA-TB32XY	P.128				
				2-wire type	FA-TB32XYH	P.129				
					FA-TB32XYP3	P.130				
				3-wire type	FA-TB8XY1	P.133	FA-CBL**DMFX FA-CBL**MMH (for distributed installation)	P.160 P.166		
					FA-TB8XY2	P.133				
					FA-TB8XY3	P.133				
					FA-TB8XY4	P.133				
				3-wire type	FA-TB16XY1	P.134	FA-CBL**DMFX FA-CBL**MMH (for distributed installation)	P.160 P.166		
					FA-TB16XY2	P.134				
			One-touch connector	3-wire type	FA-CB8XY1	P.141	FA-CBL**DMFX FA-CBL**MMH (for distributed installation)	P.160 P.166		
					FA-CB8XY2	P.141				
					FA-CB8XY3	P.141				
				3-wire type	FA-CB8XY4	P.141				
					FA-CB16XY1	P.142				
					FA-CB16XY2	P.142				
			e-CON	3-wire type	FA-LEB32XY	P.145	FA-CBL**DMFX	P.160		
					FA-LEB32XY-3	P.145				
			Discrete cable		FA-LEB32XY-3A	P.145	FA-BCBL**DFBL	P.155		
			QX82 QX82-S1	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMVE
FA1-TESV32XY	P.120									
Screw	1-wire type	FA1-TE1S32XY				P.120	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158		
		FA-TB32XY				P.128				
	2-wire type	FA-TB32XYH				P.129	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166		
		FA-TB32XYP3				P.130				
Spring clamp	1-wire type	FA1-TE2SV16XY				P.122	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166		
		FA1-TE1SV16XY				P.122				
Screw	3-wire type	FA-TB8XY1				P.133	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166		
		FA-TB8XY2				P.133				
		FA-TB8XY3				P.133				
	3-wire type	FA-TB8XY4				P.133				
		FA-TB16XY1				P.134			FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166
		FA-TB16XY2				P.134				
One-touch connector	3-wire type	FA-CB8XY1				P.141	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166		
		FA-CB8XY2				P.141				
		FA-CB8XY3				P.141				
	3-wire type	FA-CB8XY4				P.141				
		FA-CB16XY1				P.142				
		FA-CB16XY2				P.142				
e-CON	3-wire type	FA-LEB32XY				P.145	FA-CBL**FMVE	P.159		
		FA-LEB32XY-3				P.145				
Discrete cable		FA-LEB32XY-3A				P.145	FA-CBL**FMV-M	P.182		
Junction terminal block	1-wire type	FA1-TE2SD40P			P.124	FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154			
		FA-TBS40P			P.139					

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Programmable controller module model		Unit type				Model		Connection cable	
QX90H	Negative common	Junction terminal block	Screw		1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178
QY10		Junction terminal block	Screw		1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178
QY22					2-wire type	FA-TB161ACC2	P.148		
QY18A		Junction terminal block	Screw			FA-TB18XY	P.147	FA-CBL**TD	P.178
QY68A									
QY40P QY50		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
			Screw		1-wire type	FA-TB16XY	P.128		
					1-wire type	FA-TB161AC	P.147		
					2-wire type	FA-TB161ACC1	P.148		
			3-row terminal block		3-wire type	FA-TB16XYPN	P.130	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
					3-wire type	FA-TB16XYPN3	P.131		
			e-CON		3-wire type	FA-LEB16XY	P.144		
					3-wire type	FA-LEB16XY-D	P.144		
			DIN rail installation only						
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.244	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.163 P.164 P.165 P.169
						Mountable module ▶ P.279			
						FA1-TH8Y2SC20S1E	P.246		
						Mountable module ▶ P.279			
						FA1-TH16Y2SC20S1E	P.255		
						Mountable module ▶ P.280			
						FA1-TH16Y2RA20S1E	P.250		
						FA1-TH16Y1SR20S1E	P.252		
						FA1-TH16Y1TR20S1E	P.254		
						FA1-TH16YRA11	P.256		
						FA1-TH16YRA21	P.257		
						FA1-TH16YRA20	P.258		
			N/O contact relay	Module replaceable	1-wire type	FA1-TH16YRA11S	P.259		
				Module replaceable	2-wire type	FA1-TH16YRA21S	P.260		
				Module mixing possible	Independent	FA1-TH16YRA20S	P.261		
				Independent	Independent	FA1-TH16YRA20SL	P.263		
				Module mixing possible	Independent	FA1-TH16YRAB20SL	P.264		
				Module mixing possible	Independent	FA1-TH16YRAC20S	P.265		
				Module replaceable	1-wire type	FA1-TH16YSR11S	P.266		
				Module replaceable	2-wire type	FA1-TH16YSR21S	P.267		
				Module mixing possible	Independent	FA1-TH16YSR20S	P.268		
				Module replaceable	1-wire type	FA1-TH16YTL11S	P.269		
				Module replaceable	2-wire type	FA1-TH16YTL21S	P.270		
			N/C contact relay	Module mixing possible	Independent	FA1-TH16YTH11S	P.271		
				Module mixing possible	Independent	FA1-TH16YTR20S	P.273		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
				Module replaceable	1-wire type	FA1-TH16YTL11S	P.271		
				Module replaceable	2-wire type	FA1-TH16YTL21S	P.270		
				Module mixing possible	Independent	FA1-TH16YTR20S	P.273		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
				Module mixing possible	Independent	FA1-TH16YTR20	P.274		
QY41P QY41H QY42P		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.156
			Screw		1-wire type	FA1-TESV32XY	P.120		
					1-wire type	FA1-TE1S32XY	P.120		
					1-wire type	FA-TB32XY	P.128		
					1-wire type	FA-TBS32XY	P.129	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
					2-wire type	FA-TB32XYP3	P.130		
					3-wire type	FA-TB8XY1	P.133		
					3-wire type	FA-TB8XY2	P.133		
					3-wire type	FA-TB8XY3	P.133		
					3-wire type	FA-TB8XY4	P.133		
					3-wire type	FA-TB16XY1	P.134	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
					3-wire type	FA-TB16XY2	P.134		
			One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.141		
				Distributed 8-point (8 to F)	3-wire type	FA-CB8XY2	P.141		
				Distributed 8-point (10 to 17)	3-wire type	FA-CB8XY3	P.141		
				Distributed 8-point (18 to 1F)	3-wire type	FA-CB8XY4	P.141		
				Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1	P.142		
				Distributed 16-point (10 to 1F)	3-wire type	FA-CB16XY2	P.142		
			e-CON		3-wire type	FA-LEB32XY	P.145	FA-CBL**FMV	P.156
					3-wire type	FA-LEB32XY-3	P.145		
					3-wire type	FA-LEB32XY-3A	P.145		
		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
			Screw		1-wire type	FA1-TE1SV16XY	P.122		
					1-wire type	FA-TB16XY	P.128	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
					3-wire type	FA-TB16XYPN	P.130		
					3-wire type	FA-TB16XYPN3	P.131		
					3-wire type	FA-LEB16XY	P.144		
			DIN rail installation only		3-wire type	FA-LEB16XY-D	P.144		
			Spring clamp	Installation base unit	Module selectable type	FA1-TH4Y2SC20S1E	P.244	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169
						Mountable module ▶ P.279			
						FA1-TH8Y2SC20S1E	P.246		
						Mountable module ▶ P.279			
						FA1-TH16Y2SC20S1E	P.255		
						Mountable module ▶ P.280			
						FA1-TH16Y2RA20S1E	P.250		
						FA1-TH16Y1SR20S1E	P.252		
						FA1-TH16Y1TR20S1E	P.254		
						FA1-TH16Y1TR20S1E	P.254		

*: For the restrictions, refer to the precautions described in the corresponding manual.

Programmable controller module model	Unit type				Model		Connection cable		
QY41P QY41H QY42P	Digital signal converter (terminal module)	Screw	N/O contact relay	1-wire type	FA-TH16YRA11	P.256	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169	
				2-wire type	FA-TH16YRA21	P.257			
				Independent	FA-TH16YRA20	P.258			
				Module replaceable	1-wire type	FA-TH16YRA11S			P.259
					2-wire type	FA-TH16YRA21S			P.260
					Independent	FA-TH16YRA20S			P.261
				Module mixing possible	Independent	FA-TH16YRA20SL			P.263
					Independent	FA-TH16YRAB20SL			P.264
				N/C contact relay	Module mixing possible	Independent			FA-TH16YRAC20S
			C/O contact relay	Module replaceable	Independent	FA-TH16YSR11S			P.266
				1-wire type	FA-TH16YSR21S	P.267			
			Triac, 1.0A	Module replaceable	2-wire type	FA-TH16YSR21S			P.267
				Module mixing possible	Independent	FA-TH16YSR20S			P.268
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S			P.269
					2-wire type	FA-TH16YTL21S			P.270
	Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.271				
			Independent	FA-TH16YTR20S	P.273				
	Transistor, 1.0A	Module mixing possible	Independent	FA-TH16Y2TR20	P.274				
	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD40P	P.124	FA-CBL**FMV-M	P.182		
		Screw		FA-TBS40P	P.139				
	Discrete cable							FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154
	Spring clamp terminal block conversion module (only for the QY41P and QY41H)					FA1-TE40PA	P.127		
	QY70	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165	
FA1-TE1SV16XY					P.122				
FA-TB16XY					P.128				
Screw			1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178		
				2-wire type	FA-TB161ACC1			P.148	
				3-wire type	FA-TB16XYPN			P.130	
e-CON	3-wire type	FA-TB16XYPN3	P.131	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165				
		FA-LEB16XY	P.144						
		FA-LEB16XY-D	P.144						
QY71	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.156		
				FA1-TESV32XY	P.120				
				FA1-TE1S32XY	P.120				
		Screw	Small-size terminal block	1-wire type	FA-TB32XY	P.128	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166	
				1-wire type	FA-TBS32XY	P.129			
				1-wire type	FA-TB32XYL	P.129			
			3-row terminal block	2-wire type	FA-TB32XYP3	P.130			
				3-wire type	FA-TB8XY1	P.133			
			Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY2	P.133			
					FA-TB8XY3	P.133			
					FA-TB8XY4	P.133			
			Distributed 8-point (8 to 17)	3-wire type	FA-TB16XY1	P.134			
					FA-TB16XY2	P.134			
		FA-CB8XY1			P.141				
		Distributed 8-point (10 to 17)	3-wire type	FA-CB8XY2	P.141				
				FA-CB8XY3	P.141				
				FA-CB8XY4	P.141				
		Distributed 8-point (18 to 1F)	3-wire type	FA-CB16XY1	P.142				
				FA-CB16XY2	P.142				
				FA-LEB32XY	P.145				
		Distributed 16-point (0 to F)	3-wire type	FA-LEB32XY-3	P.145				
				FA-LEB32XY-3A	P.145				
	FA1-TE2SV16XY			P.122	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158			
	FA1-TE1SV16XY	P.122							
	FA-TB16XY	P.128							
	Screw	3-wire type	FA-TB16XYPN	P.130	FA-CBL**FM2LV	P.158			
			3-row terminal block	FA-TB16XYPN3			P.131		
			FA-LEB16XY	P.144					
	e-CON	3-wire type	FA-LEB16XY-D	P.144	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158			
			FA1-TE2SD40P	P.124					
			FA-TBS40P	P.139					
	Junction terminal block	Spring clamp	1-wire type			FA-CBL**FMV-M	P.182		
	Screw								
	Discrete cable							FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154
	Spring clamp terminal block conversion module					FA1-TE40PA	P.127		
	QY80	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165	
FA1-TE1SV16XY					P.122				
FA-TB16XY					P.128				
Screw			1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178		
				2-wire type	FA-TB161ACC2			P.148	
				3-wire type	FA-TB16XYPN			P.130	
e-CON			3-wire type	FA-TB16XYPN3	P.131	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165		
				FA-LEB16XY	P.144				
				FA-LEB16XY-D	P.144				
DIN rail installation only									

^: For the restrictions, refer to the precautions described in the corresponding manual.

Programmable controller module model	Unit type					Model	Connection cable			
QY80	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.163 P.164 P.165 P.169		
						FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279				
						FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280				
			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E			P.251	
					Independent	FA1-TH1E16Y1SR20S1E			P.253	
					Independent	FA1-TH1E16Y1TR20S1E			P.248	
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S			P.262	
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-THE16YTH11S			P.272	
			Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S			P.275	
									FA1-TE2SD32XY	P.120
QY81P	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**DMFY	P.161	
					1-wire type	FA1-TESV32XY	P.120			
					1-wire type	FA1-TE1S32XY	P.120			
					1-wire type	FA-TB32XY	P.128			
		Screw				1-wire type	FA-TBS32XY	P.129	FA-CBL**DMFY FA-CBL**MMH (for distributed installation)	P.161 P.166
						1-wire type	FA-TB32XYH	P.129		
						2-wire type	FA-TB32XYN3	P.130		
			Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1	P.133				
					FA-TB8XY2	P.133				
					FA-TB8XY3	P.133				
					FA-TB8XY4	P.133				
			Distributed 16-point (0 to F)	2-wire type	FA-TB16XY1N	P.132				
					FA-TB16XY2N	P.132				
					FA-TB16XY1	P.134				
					FA-TB16XY2	P.134				
			Distributed 16-point (10 to 17)	3-wire type	FA-CB8XY1	P.141				
					FA-CB8XY2	P.141				
					FA-CB8XY3	P.141				
					FA-CB8XY4	P.141				
			Distributed 16-point (18 to 1F)	3-wire type	FA-CB16XY1	P.142				
		FA-CB16XY2			P.142					
		FA-LEB32XY			P.145					
		FA-LEB32XY-3			P.145					
		Distributed 16-point (10 to 1F)	3-wire type	FA-LEB32XY-3A	P.145					
				FA1-TE2SV16XY	P.122					
				FA1-TE1SV16XY	P.122					
				FA-TB16XY	P.128					
		One-touch connector	3-wire type	FA-TB16XYPN	P.130					
				FA-TB16XYPN3	P.131					
				FA-LEB16XY	P.144					
				FA-LEB16XY-D	P.144					
		e-CON	3-wire type	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279	P.244					
				FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279		P.246				
				FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280			P.249			
				FA1-TH1E16Y2RA20S1E				P.251		
		Screw	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E			P.253		
				Independent	FA1-TH1E16Y1TR20S1E	P.248				
				Independent	FA1-TH1E16Y2RA20S	P.262				
				Independent	FA-THE16YTH11S	P.272				
		Discrete cable				FA-THE16YTR20S	P.275			
QY82P	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.156	
					1-wire type	FA1-TESV32XY	P.120			
					1-wire type	FA1-TE1S32XY	P.120			
					1-wire type	FA-TB32XY	P.128			
		Screw				1-wire type	FA-TBS32XY	P.129	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
						1-wire type	FA-TB32XYH	P.129		
						2-wire type	FA-TB32XYN3	P.130		
			Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1	P.133				
					FA-TB8XY2	P.133				
					FA-TB8XY3	P.133				
					FA-TB8XY4	P.133				
			Distributed 16-point (8 to F)	2-wire type	FA-TB16XY1N	P.132				
					FA-TB16XY2N	P.132				
					FA-TB16XY1	P.134				
					FA-TB16XY2	P.134				
			Distributed 16-point (10 to 17)	3-wire type	FA-CB8XY1	P.141				
					FA-CB8XY2	P.141				
					FA-CB8XY3	P.141				
					FA-CB8XY4	P.141				
			Distributed 16-point (18 to 1F)	3-wire type	FA-CB16XY1	P.142				
		FA-CB16XY2			P.142					
		FA-CB16XY1			P.142					
		FA-CB16XY2			P.142					
		One-touch connector	3-wire type	FA-CB16XY1	P.142					
				FA-CB16XY2	P.142					
				FA-CB16XY1	P.142					
				FA-CB16XY2	P.142					
				FA-CB16XY1	P.142					
				FA-CB16XY2	P.142					
				FA-CB16XY1	P.142					
				FA-CB16XY2	P.142					
		Discrete cable							FA-BCBL**DFBL	P.155

*: For the restrictions, refer to the precautions described in the corresponding manual.

Programmable controller module model	Unit type				Model	Connection cable				
QY82P	Junction terminal block	e-CON		3-wire type	FA-LEB32XY P.145 FA-LEB32XY-3 P.145 FA-LEB32XY-3A P.145	FA-CBL**FMV P.156				
		Spring clamp		1-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158				
		Screw	3-row terminal block	1-wire type	FA-TB16XY P.128	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158				
				3-wire type	FA-TB16XYPN P.130 FA-TB16XYPN3 P.131					
		e-CON		3-wire type	FA-LEB16XY P.144 FA-LEB16XY-D P.144	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158				
		DIN rail installation only								
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279 P.244 FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279 P.246 FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280 P.249	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158 FA-CBL**MMH20 P.169 (for distributed installation)		
							N/O contact relay		Module mixing possible	Independent
	Independent									FA1-TH1E16Y1SR20S1E P.253
	Independent									FA1-TH1E16Y1TR20S1E P.248
	Screw			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S P.262			
						Module replaceable	1-wire type		FA-THE16YTH11S P.272	
			Independent				FA-THE16YTR20S P.275			
			Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD40P P.126 FA-TBS40P P.139	FA-CBL**FMV-M P.182			
				Screw						
			Discrete cable					FA-CBL**FV P.153 FA-BCBL**FFBL P.154 FA-BCBL**FFBLY P.154 FA-BCBL**FFBLR P.154		
	QX48Y57		Junction terminal block	Screw	1-wire type	FA-TB18XY P.147	FA-CBL**TD P.178			
	QH42P QX41Y41P For the input side, refer to the specifications of the QX41. For the output side, refer to the specifications of the QY41P.									

*: For the restrictions, refer to the precautions described in the corresponding manual.

MELSEC-Q series <Analog modules>

Programmable controller module type	Programmable controller module model	Unit type					Model			Connection cable			
							Mountable analog module						
Channel isolated analog input module	Q68AD-G	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.124	FA-CBL**Q68ADGN P.191					
			Screw	Small-size terminal block	FA1-TBS40ADGN	P.186							
					FA-LTB40ADGN	P.187							
	Q66AD-DG	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.124	FA-CBL**Q66ADDG P.191					
			Screw	Small-size terminal block	FA1-TBS40ADDG	P.186							
					FA-LTB40ADDG	P.187							
Q62AD-DGH	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125	FA-CBL**Q64DAT P.192						
		Screw			FA-LTB20P	P.140							
Channel isolated analog output module	Q66DA-G	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.124	FA-CBL**Q66DAG P.191					
			Screw	Small-size terminal block	FA1-TBS40DAG	P.186							
					FA-LTB40DAG	P.187							
			FA-LTB40DAG	P.187									
Analog input module	Q68ADV	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125	FA-CBL**Q68ADT P.192					
			Screw			FA-LTB20P	P.140				FA-CBL**Q68ADA P.193 FA-Q6TCA P.314		
		Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.288	Input modules for analog signal converter Voltage input 0 to 5V FA-ATSVM1XV05 P.294 1 to 5V FA-ATSVM1XV15 P.294 -10 to 10V FA-ATSVM1XV1010 P.294 Current input 4 to 20mA FA-ATSVM1XA420 P.295 Distributor 4 to 20mA FA-ATSVM1XD P.296 RTD input -200 to +650°C FA-ATSVM1XRPT P.297 0 to +100°C FA-ATSVM1XRPT0010 P.297 0 to +200°C FA-ATSVM1XRPT0020 P.297 -200 to +600°C FA-ATSVM1XRJPT P.297 Thermocouple input +600 to +1700°C FA-ATSVM1XTB P.298 0 to +1600°C FA-ATSVM1XTR P.298 0 to +1600°C FA-ATSVM1XTS P.298 -200 to +1200°C FA-ATSVM1XTK P.298 0 to +400°C FA-ATSVM1XTK0040 P.298 0 to +600°C FA-ATSVM1XTK0060 P.298 0 to +800°C FA-ATSVM1XTK0080 P.298 -200 to +900°C FA-ATSVM1XTE P.298 -40 to +750°C FA-ATSVM1XTJ P.298 -200 to +350°C FA-ATSVM1XTT P.298 -200 to +1250°C FA-ATSVM1XTN P.298 Pass-through module FA-ATFTMX P.313 Dummy module FA-ATNDM5 P.314					
						8-channel installation base unit FA1-AT1B8X1TE	P.290						
						4-channel installation base unit FA1-AT1B4X1TB	P.288						
						8-channel installation base unit FA-ATB8XTB	P.290						
				Screw	Module selectable type	4-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM	P.292 P.293				Input modules for analog signal converter FA-CBL**ATQ8XVT P.301 FA-CBL**ATQ8XVA P.314 FA-Q6TCAFA-CBL** P.300		
						4-channel installation base unit FA1-AT1B4X1TB	P.288						
						8-channel installation base unit FA1-AT1B8X1TE	P.290						
						4-channel installation base unit FA1-AT1B4X1TB	P.288						
		Q68ADI	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125	FA-CBL**Q68ADT P.193				
				Screw			FA-LTB20P	P.140				FA-CBL**Q68ADA P.194 FA-Q6TCA P.314	
	Analog signal converter	Input to the programmable controller: 4 to 20mA	Screw	Module selectable type	Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM	P.292 P.293	Input modules for analog signal converter FA-CBL**ATQ8XVT P.301 FA-Q6TCA P.314 FA-CBL**ATQ8XVA P.300						
					FA1-TE2SV20P	P.125				FA-CBL**Q64ADT P.192			
	Q64AD	Junction terminal block	Screw			FA-LTB20P	P.140	FA-CBL**Q64ADT P.192					
	Q64ADH	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.288				Input modules for analog signal converter FA1-CB2L**AT4XV1T P.300		
						4-channel installation base unit FA1-AT1B4X1TB	P.288						
	Q64AD-GH	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.288	Input modules for analog signal converter FA-CBL**ATF P.301					
						8-channel installation base unit FA1-AT1B8X1TE	P.290						
						4-channel installation base unit FA1-AT1B4X1TB	P.288						
						8-channel installation base unit FA-ATB8XTB	P.290						
			Input to the programmable controller: 4 to 20mA	Screw	Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM	P.292 P.293							

Programmable controller module type	Programmable controller module model	Unit type						Model			Connection cable		
								Mountable analog module					
Analog output module	Q68DAVN	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125				FA-CBL**Q68DAT	P.192	
			Screw			FA-LTB20P	P.140				FA-CBL**Q68DAA	P.193	
		Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE		P.302	Output modules for analog signal converter (The programmable controller outputs voltage.) Voltage output 0 to 5V FA-ATSVM1YV05 P.308 0 to 10V FA-ATSVM1YV010 P.308 1 to 5V FA-ATSVM1YV15 P.308 -10 to 10V FA-ATSVM1YV1010 P.308			FA-CBL**ATQ8YT	P.311
						8-channel installation base unit FA1-AT1B8Y1TE		P.304				FA-Q6TCA	P.314
				Screw		4-channel installation base unit FA1-AT1B4Y1TB		P.302	FA-CBL**ATQ8YA	P.310			
						8-channel installation base unit FA-ATB8YTB		P.304	Cable for distributed installation FA1-CB2L**AT4EX	P.315			
			Pass-through module FA-ATFTMX			P.313							
			Dummy module FA-ATNDM5			P.314							
		Q68DAIN	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125				FA-CBL**Q68DAT	P.192
				Screw			FA-LTB20P	P.140				FA-CBL**Q68DAA	P.193
	Analog signal converter		Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE		P.302	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V FA-ATSAM1YV05 P.306 0 to 10V FA-ATSAM1YV010 P.306 1 to 5V FA-ATSAM1YV15 P.306 -10 to 10V FA-ATSAM1YV1010 P.306			FA-CBL**ATQ8YT	P.311
						8-channel installation base unit FA1-AT1B8Y1TE		P.304				FA-Q6TCA	P.314
				Screw		4-channel installation base unit FA1-AT1B4Y1TB		P.302	FA-CBL**ATQ8YA	P.311			
						8-channel installation base unit FA-ATB8YTB		P.304					
		Pass-through module FA-ATFTMX		P.313									
		Dummy module FA-ATNDM5		P.314									
	Q64DAN Q64DAH Q62DAN	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.125				FA-CBL**Q64DAT	P.192	
			Screw			FA-LTB20P	P.140						
		Analog signal converter (only for the Q64DAN and Q64DAH)	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE		P.302	Output modules for analog signal converter (The programmable controller outputs voltage.)			FA1-CB2L**AT4YA1T	P.310
						4-channel installation base unit FA1-AT1B4Y1TB		P.302					
			Output from the programmable controller: 4 to 20mA	Spring clamp		4-channel installation base unit FA1-AT1B4Y1TE		P.302	Output modules for analog signal converter (The programmable controller outputs current.)			FA1-CB2L**AT4YA1T	P.310
						4-channel installation base unit FA1-AT1B4Y1TB		P.302					
Channel isolated thermocouple input module		Q68TD-G-H01	Junction terminal block	Screw			FA-LTB40TDG	P.188				FA-CBL**Q68TDG	P.193
		Q68TD-G-H02											
Thermocouple input module	Q64TD	Junction terminal block	Screw			FA-TB20TD	P.188				FA-CBLQ64TD**	P.194	
	Q64TDV-GH												
RTD input module	Q68RD3-G	Junction terminal block	Screw			FA-LTB40RD3G	P.189				FA-CBL**Q68RD3G	P.194	
Temperature control module	Q64TCTT	Junction terminal block	Screw			FA-TB20TC	P.189						
	Q64TCTTN												
	Q64TCTTBW												
	Q64TCTTBWN												

MELSEC-Q series <Simple Motion modules and positioning modules>

Programmable controller module type	Programmable controller module model	Servo amplifier or other devices	Type		Conversion module or cable model		Cable between conversion module and servo amplifier		Cable between positioning module and conversion module		
Simple Motion module	QD77MS2 QD77MS4 QD77MS16	MR-J4-B series MR-J3-B series	Junction terminal block	Screw	FA-LTBQ75M	P.200			FA-CBL**Q7	P.209	
Positioning module (differential driver output system)	QD70D4 QD70D8	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DM1J3	P.209	FA-CBL**Q7	P.209	
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DG1	P.209	FA-CBL**Q7	P.209	
Positioning module (differential driver output system)	QD75D1N QD75D1	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DM1J3	P.209	FA-CBL**Q7	P.209	
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75M2J3-1	P.202					
			Cable with connectors		FA-CBLQ75M2J2-1	P.204					
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DG1	P.209	FA-CBL**Q7	P.209	
			General-purpose discrete cable With pulse generator		FA-CBLQ75G2-1		P.208				
		FA-CBLQ75G2-1P			P.208						
		Spring clamp terminal block conversion module				FA1-TE40PA	P.127	-			
		QD75D2N QD75D2 QD75D4N QD75D4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DM1J3	P.209	FA-CBL**Q7	P.209
				Cable with connectors With pulse generator		FA-CBLQ75M2J3		P.202			
	FA-CBLQ75M2J3-P		P.202								
	MR-J2-A series MR-J2S-A series		Cable with connectors With pulse generator		FA-CBLQ75M2J2		P.204				
					FA-CBLQ75M2J2-P		P.204				
	YASKAWA Σ-III series Σ-V series		Cable with connectors		FA-CBLQ75Y2E3	P.207					
	For general-purpose stepping motors and servo amplifiers		Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DG1	P.209	FA-CBL**Q7	P.209	
			General-purpose discrete cable With pulse generator		FA-CBLQ75G2		P.208				
	FA-CBLQ75G2-P				P.208						
	Spring clamp terminal block conversion module (only for the QD75D2N and QD75D2)				FA1-TE40PA	P.127	-				
Positioning module (open collector output system)	QD75P1N QD75P1	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7PM1J3	P.209	FA-CBL**Q7	P.209	
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J3-1	P.202					
			Cable with connectors		FA-CBLQ75PM2J2-1	P.204					
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DG1	P.209	FA-CBL**Q7	P.209	
			General-purpose discrete cable With pulse generator		FA-CBLQ75G2-1		P.208				
		FA-CBLQ75G2-1P			P.208						
		Spring clamp terminal block conversion module				FA1-TE40PA	P.127				
	QD75P2N QD75P2 QD75P4N QD75P4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7PM1J3	P.209	FA-CBL**Q7	P.209	
			Cable with connectors		FA-CBLQ75PM2J3	P.202					
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J2	P.204					
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.199	FA-CBLQ7DG1	P.209	FA-CBL**Q7		
			General-purpose discrete cable With pulse generator		FA-CBLQ75G2		P.208				
		FA-CBLQ75G2-P			P.208						
		Spring clamp terminal block conversion module (only for the QD75P2N and QD75P2)				FA1-TE40PA	P.127				
	QD75M1 QD75M2 QD75M4 QD75MH1 QD75MH2 QD75MH4	MR-J4-B series MR-J3-B series	Junction terminal block	Screw	FA-LTBQ75M	P.200			FA-CBL**Q7	P.209	
		External device									

MELSEC-Q series <High-speed counter modules>

Programmable controller module model	Unit type			Model		Connection cable	
QD63P6 QD64D2	Junction terminal block (only for the QD64D2)	Screw	5V signal input	FA-LTB40D63P6V5	P196	FA-CBL**QD63P6	P197
			12V signal input	FA-LTB40D63P6V12	P196		
			24V signal input	FA-LTB40D63P6V24	P196		
	Spring clamp terminal block conversion module			FA1-TE40PA	P127		
QD62 QD62E QD62D	Junction terminal block	Spring clamp		FA1-TE2SD40P	P124	FA-SCBL**FMV-M	P197
		Screw	Small-size terminal block	FA-TBS40P	P139		
	Spring clamp terminal block conversion module			FA1-TE40PA	P127		

MELSEC-Q series <Servo external signal interface modules>

Programmable controller module model	Unit type			Model		Connection cable	
Q172DLX Q172LX	Junction terminal block	Spring clamp		FA1-TE2SD40P	P.124	FA-SCBL**FMV-M	P.197
		Screw		FA-TBS40P	P.139		
	Spring clamp terminal block conversion module			FA1-TE40PA	P.127		

MELSEC-Q series <Manual pulse generator interface modules>

Programmable controller module model	Unit type			Model		Connection cable	
Q173DPX Q173PX Q173PX-S1	Junction terminal block	Spring clamp		FA1-TE2SD40P	P.124	FA-SCBL**FMV-M	P.197
		Screw		FA-TBS40P	P.139		
	Spring clamp terminal block conversion module			FA1-TE40PA	P.127		

MELSEC-Q series <Safety signal input module>

Programmable controller module model	Unit type			Model		Connection cable	
Q173DSXY	Junction terminal block	Spring clamp		FA1-TE2SD40P	P.124	FA-SCBL**FMV-M	P.197
		Screw		FA-TBS40P	P.139		