

Selection chart

MELSEC iQ-R series <I/O modules>

Programmable controller module model		Unit type			Model		Connection cable							
RX10	AC	Junction terminal block	Screw		1-wire type	FA-TB161AC	P.145	FA-CBL**TD	P.175					
					2-wire type	FA-TB161ACC2	P.146							
RX10-TS	AC	Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F18	P.148					
			0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F18	P.148					
RX28	AC	Junction terminal block	Screw		1-wire type	FA-TB18XY	P.145	FA-CBL**TD	P.175					
RX40C7	Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160					
					1-wire type	FA-TB16XY	P.126			FA-CBL**YM20	P.161			
			Screw			1-wire type	FA-TB161AC	P.145	FA-CBL**TD			P.175		
						2-wire type	FA-TB161ACC2	P.146						
						3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20	P.160				
				3-row terminal block		3-wire type	FA-TB16XYPN3	P.129			FA-CBL**YM20	P.161		
					3-wire type	FA-LEB16XY	P.142	FA-CBL**TMV20	P.162					
			DIN rail installation only		3-wire type	FA-LEB16XY-D	P.142							
			Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA-CBL**M20	P.160			
								Mountable module: function type ▶	P.281			FA-CBL**YM20	P.161	
		Module mixing possible			FA1-TH8X2SC20S1E	P.234	FA-CBL**TMV20	P.162						
					Mountable module: function type ▶	P.281			FA-CBL**MMH20					(for distributed installation)
					FA1-TH4X24RA1L20S1E	P.228								
		FA1-TH8X24RA1L20S1E		P.230										
		FA1-TH4X24RA1H20S1E		P.228										
		FA1-TH8X24RA1H20S1E		P.230										
		Screw		24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-CBL**M20	P.160				
							FA1-TH16X24RA1H20S1E	P.232			FA-CBL**YM20	P.161		
			24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-CBL**TMV20	P.162					
			24VDC, N/O contact relay (positive common)			Module mixing possible	Independent			FA1-TH16X24RA1L20S1E	P.232	FA-CBL**YM20	P.161	
			24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162			
			24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162	
			24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162			
		24VDC, N/O contact relay (negative common)	Module mixing possible			Independent	FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20			P.162		
		24VDC, N/O contact relay (negative common)		Module mixing possible	Independent		FA1-TH16X24RA1H20S1E	P.232		FA-CBL**TMV20	P.162			
		24VDC, N/O contact relay (negative common)	Module mixing possible			Independent	FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20			P.162		
	24VDC, N/O contact relay (negative common)	Module mixing possible		Independent	FA1-TH16X24RA1H20S1E		P.232	FA-CBL**TMV20		P.162				
	24VDC, N/O contact relay (negative common)		Module mixing possible		Independent	FA1-TH16X24RA1H20S1E	P.232		FA-CBL**TMV20		P.162			
	24VDC, N/O contact relay (negative common)	Module mixing possible		Independent		FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20		P.162				
	24VDC, N/O contact relay (negative common)		Module mixing possible		Independent	FA1-TH16X24RA1H20S1E	P.232		FA-CBL**TMV20		P.162			
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent		FA1-TH16X24RA1H20S1E		P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232			FA-CBL**TMV20	P.162				
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent			FA1-TH16X24RA1H20S1E	P.232	FA-CBL**TMV20	P.162						
24VDC, N/O contact relay (negative common)			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232								

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

Programmable controller module model		Unit type			Model		Connection cable				
RX41C4 RX41C6HS RX42C4	Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155			
					1-wire type	FA1-TE2SD32XY P.120	FA-CBL**FMV P.153				
						FA-TB32XY P.126					
						FA-TBS32XY P.127					
			Small-size terminal block		1-wire type	FA-TB32XYL P.127	FA-CBL**FMV P.153				
						FA-TB32XYN3 P.128					
			Distributed 8-point (0 to 7)		3-wire type	FA-TB8XY1 P.131	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB8XY2 P.131					
			Distributed 8-point (8 to F)		3-wire type	FA-TB8XY3 P.131	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB8XY4 P.131					
			Distributed 8-point (10 to 17)		2-wire type	FA-TB16XY1N P.130	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB16XY2N P.130					
			Distributed 8-point (18 to 1F)		3-wire type	FA-TB16XY1 P.132	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB16XY2 P.132					
		Distributed 16-point (0 to F)		1-wire type	FA-TB16XY P.126	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
					FA-TB16XYPN P.128						
		Distributed 16-point (10 to 1F)		3-wire type	FA-TB16XYPN3 P.129	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
					3-row terminal block						
		One-touch connector		Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1 P.139	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-CB8XY2 P.139					
						FA-CB8XY3 P.139					
				Distributed 8-point (8 to F)	FA-CB8XY4 P.139						
					Distributed 8-point (10 to 17)	FA-CB16XY1 P.140					
						FA-CB16XY2 P.140					
		Distributed 8-point (18 to 1F)		3-wire type		FA-LEB16XY P.142	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155			
					FA-LEB16XY-D P.142						
		Distributed 16-point (0 to F)		3-wire type	FA-LEB32XY P.143	FA-CBL**FMV P.153					
					FA-LEB32XY-3 P.143						
		Distributed 16-point (10 to 1F)			FA-LEB32XY-3A P.143						
		Digital signal converter (terminal module)		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166	
								FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281			
					24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E P.228	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166	
								FA1-TH8X24RA1L20S1E P.230			
								FA1-TH4X24RA1H20S1E P.228			
								FA1-TH8X24RA1H20S1E P.230			
				24VDC, N/O contact relay (positive common)			FA1-TH16X24RA1L20S1E P.232	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155		
							FA1-TH16X24RA1H20S1E P.232				
				Screw		24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S P.236	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155
									FA-TH16X24D31 P.237		
						24VDC, 10mA	2-wire type	FA-TH16X24D31L P.238			
								FA-TH16X48D31L P.239			
						100VDC, 2.5mA	2-wire type	FA-TH16X100D31L P.240			
								FA-TH16X100A31 P.241			
		100VAC, 8mA	2-wire type	FA-TH16X100A31L P.242							
				FA-TH16X200A31 P.243							
	200VAC, 7.5mA		2-wire type	FA-TH16X200A31L P.244							
	Negative common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD32XY P.120	FA-CBL**FMVE P.153				
					1-wire type	FA-TB32XY P.126					
						FA-TBS32XY P.127					
						FA-TB32XYH P.127					
			3-row terminal block		2-wire type	FA-TB32XYP3 P.128	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB8XY1 P.131					
			Distributed 8-point (0 to 7)		3-wire type	FA-TB8XY2 P.131	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB8XY3 P.131					
			Distributed 8-point (8 to F)		3-wire type	FA-TB8XY4 P.131	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-TB16XY1 P.132					
			Distributed 8-point (10 to 17)		3-wire type	FA-TB16XY2 P.132	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-CB8XY1 P.139					
			Distributed 8-point (18 to 1F)		3-wire type	FA-CB8XY2 P.139	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-CB8XY3 P.139					
			Distributed 16-point (0 to F)		3-wire type	FA-CB8XY4 P.139	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-CB16XY1 P.140					
			Distributed 16-point (10 to 1F)		3-wire type	FA-CB16XY2 P.140	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.153 P.163			
						FA-LEB32XY P.143					
						FA-LEB32XY-3 P.143	FA-CBL**FMVE P.153				
						FA-LEB32XY-3A P.143					
			Common		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P P.123	FA-CBL**FMV-M P.179	
						Screw			FA-TBS40P P.137		
					Discrete cable	40-core cable			FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151	
						Stranded wire					
		Y-shaped terminal									
		Round terminal									
Spring clamp terminal block conversion module (only for the RX41C4 and RX41C6HS)					FA1-TF40PA P.125						

Programmable controller module model		Unit type					Model		Connection cable		
RX41C4-TS	Positive common	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA1-CB1L**EM2F34	P.149	
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA1-CB1L**EM2F34 FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
				Module mixing possible	Independent	FA1-TH8X2SC20S1E	P.234				
						FA1-TH4X24RA1L20S1E	P.228				
						FA1-TH8X24RA1L20S1E	P.230				
						FA1-TH4X24RA1H20S1E	P.228				
FA1-TH8X24RA1H20S1E	P.230										
FA1-TH16X24RA1L20S1E	P.232	FA1-CB1L**EM2F34	P.149								
FA1-TH16X24RA1H20S1E	P.232										
Negative common	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA1-CB1L**EM2F34	P.149		
Common	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F34		P.148	
		0.3mm ² type (4A max.)						FA1-CB3L03SQ**E1F34		P.148	
RX70C4	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162	
				1-wire type	FA-TB16XY	P.126					
					FA-TB161AC	P.145					
			2-wire type	FA-TB161ACC2	P.146						
				3-wire type	FA-TB16XYPN	P.128					
			3-row terminal block		FA-TB16XYPN3	P.129					
	e-CON	DIN rail installation only		FA-LEB16XY	P.142	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162				
			FA-LEB16XY-D	P.142							
	Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20	P.160 P.161	
				1-wire type	FA-TB16XY	P.126					
					FA-TB161AC	P.145					
			2-wire type	FA-TB161ACC2	P.146						
				3-wire type	FA-TB16XYPN	P.128					
			3-row terminal block		FA-TB16XYPN3	P.129	FA-CBL**M20 FA-CBL**YM20	P.160 P.161			
e-CON				DIN rail installation only	FA-LEB16XY	P.142					
			FA-LEB16XY-D		P.142						
RX71C4 RX72C4 RX61C6HS	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153	
				Small-size terminal block	1-wire type	FA-TB32XY	P.126				
					FA-TBS32XY	P.127					
					3-row terminal block	2-wire type	FA-TB32XYN3	P.128			
						FA-TB8XY1	P.131				
					Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY2	P.131			
							FA-TB8XY3	P.131			
				FA-TB8XY4			P.131				
				FA-TB16XY1N			P.130				
				Distributed 8-point (8 to F)	2-wire type	FA-TB16XY2N	P.130				
						Distributed 8-point (10 to 17)	3-wire type	FA-TB16XY1			P.132
								FA-TB16XY2			P.132
			Distributed 8-point (18 to 1F)			3-wire type	FA-CB8XY1	P.139			
				FA-CB8XY2	P.139						
				FA-CB8XY3	P.139						
				FA-CB8XY4	P.139						
			Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1	P.140					
					FA-CB16XY2	P.140					
					FA-LEB32XY	P.143					
					FA-LEB32XY-3	P.143					
			Distributed 16-point (10 to 1F)	3-wire type	FA-LEB32XY-3A	P.143					
					FA-CBL**FMV		P.153				
					One-touch connector	3-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155	
							FA-TB16XY	P.126			
	FA-TB16XYPN	P.128									
	FA-TB16XYPN3	P.129									
	FA-LEB16XY	P.142									
	FA-LEB16XY-D	P.142									
	Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMVE	P.156	
				Small-size terminal block	1-wire type	FA-TB32XY	P.126				
					FA-TBS32XY	P.127					
					3-row terminal block	2-wire type	FA-TB32XYP3	P.128			
						FA-TB8XY1	P.131				
					Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY2	P.131			
							FA-TB8XY3	P.131			
				FA-TB8XY4			P.131				
				FA-TB16XY1			P.132				
				Distributed 8-point (8 to F)	3-wire type	FA-TB16XY2	P.132				
						Distributed 8-point (10 to 17)	3-wire type	FA-CB8XY1			P.139
FA-CB8XY2								P.139			
Distributed 8-point (18 to 1F)			3-wire type			FA-CB8XY3	P.139				
				FA-CB8XY4	P.139						
Distributed 16-point (0 to F)			3-wire type	FA-CB16XY1	P.140						
	FA-CB16XY2	P.140									
	FA-LEB32XY	P.143									
Distributed 16-point (10 to 1F)	3-wire type	FA-LEB32XY-3	P.143								
		FA-LEB32XY-3A	P.143								
		FA-CBL**FMVE		P.156							

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

Programmable controller module model		Unit type				Model		Connection cable		
RX71C4 RX72C4 RX61C6HS	Common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P FA-TBS40P	P.122 P.137	FA-CBL**FMV-M	P.179	
		Discrete cable					FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151		
			Spring clamp terminal block conversion module (only for the RX71C4 and RX61C6HS)				FA1-TE40PA	P.125		
		RY10R2	Junction terminal block	Screw		1-wire type 2-wire type	FA-TB161AC FA-TB161ACC2	P.145 P.146	FA-CBL**TD	P.175
RX10-TS	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148	
RY18R2A	Junction terminal block	Screw			FA-TB18XY	P.145	FA-CBL**TD	P.175		
RY20S6	Junction terminal block	Screw		1-wire type 2-wire type	FA-TB161AC FA-TB161ACC2	P.145 P.146	FA-CBL**TD	P.175		
RY40NT5P	Junction terminal block	Spring clamp	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162	
			Screw			1-wire type	FA-TB16XY	P.126	FA-CBL**TD	P.175
						2-wire type	FA-TB161AC	P.145		
						2-wire type	FA-TB161ACC1	P.146		
						3-wire type	FA-TB16XYPN	P.128		
				3-row terminal block		3-wire type	FA-TB16XYPN3	P.129		
		e-CON		DIN rail installation only		3-wire type	FA-LEB16XY	P.142		
					3-wire type	FA-LEB16XY-D	P.142			
			Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.162 P.163
							Mountable module: slim type ▶	P.282		
							FA1-TH8Y2SC20S1E	P.248		
				Mountable module: slim type ▶	P.282					
	FA1-TH16Y2SC20S1E	P.257								
	Mountable module: slim type ▶	P.282								
	N/O contact relay	Module mixing possible		Independent	FA1-TH16Y2RA20S1E	P.252				
	Triac, 1.0A	Module mixing possible		Independent	FA1-TH16Y1SR20S1E	P.254				
	Transistor, 1.0A	Module mixing possible		Independent	FA1-TH16Y1TR20S1E	P.256				
	Digital signal converter (terminal module)	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162		
				2-wire type	FA-TH16YRA21	P.259				
				Independent	FA-TH16YRA20	P.260				
			Module replaceable	1-wire type	FA-TH16YRA11S	P.261				
				2-wire type	FA-TH16YRA21S	P.262				
				Independent	FA-TH16YRA20S	P.263				
			Module mixing possible	Independent	FA-TH16YRA20SL	P.265				
				Independent	FA-TH16YRAB20SL	P.266				
				Independent	FA-TH16YRAC20S	P.267				
		Screw	C/O contact relay	Module replaceable	1-wire type	FA-TH16YSR11S			P.268	
					2-wire type	FA-TH16YSR21S			P.269	
					Independent	FA-TH16YSR20S			P.270	
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YTL11S			P.271	
					2-wire type	FA-TH16YTL21S			P.272	
					Independent	FA-TH16YTH11S			P.273	
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S			P.271	
					2-wire type	FA-TH16YTL21S			P.272	
					Independent	FA-TH16YTH11S			P.273	
	Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273					
Independent			FA-TH16YTR20S	P.275						
Independent			FA-TH16Y2TR20	P.276						
RY40NT5P-TS	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA1-CB1L**EM1F18	P.149		
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA1-CB1L**EM1F18 FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
						Mountable module: slim type ▶	P.282			
						FA1-TH8Y2SC20S1E	P.248			
			Mountable module: slim type ▶	P.282						
			FA1-TH16Y2SC20S1E	P.257	FA1-CB1L**EM1F18	P.149				
			Mountable module: slim type ▶	P.282						
	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E			P.252			
Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1SR20S1E	P.254						
Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256						
Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148		
	RY40PT5P RY40PT5B	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.162 P.162	
Screw					1-wire type	FA-TB16XY	P.126	FA-CBL**TD	P.175	
					2-wire type	FA-TB161AC	P.145			
					2-wire type	FA-TB161ACC2	P.146			
					3-wire type	FA-TB16XYPN	P.128			
			3-row terminal block		3-wire type	FA-TB16XYPN3	P.129			
			e-CON	DIN rail installation only		3-wire type	FA-LEB16XY			P.142
				3-wire type	FA-LEB16XY-D	P.142				

Programmable controller module model		Unit type				Model		Connection cable					
RY40PT5P RY40PT5B	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶	P.247 P.282	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.162 P.166				
						FA1-TH1E8Y2SC20S1E Mountable module ▶	P.248 P.282						
						FA1-TH1E16Y2SC20S1E Mountable module ▶	P.251 P.282						
			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253			FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162		
						Triac, 1.0A	Independent					FA1-TH1E16Y1SR20S1E	P.255
						Transistor, 1.0A	Independent					FA1-TH1E16Y1TR20S1E	P.250
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.264						
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-THE16YTH11S	P.274						
			Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S	P.277						
RY40PT5P-TS	Junction terminal block	Spring clamp				1-wire type	FA1-TE2SV16XY	P.121	FA1-CB1L**EM1F18			P.149	
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶	P.247 P.282	FA1-CB1L**EM1F18 FA-CBL**MMH20 (for distributed installation)	P.149 P.166				
						FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282						
						FA1-TH1E16Y2SC20S1E Mountable module: slim type ▶	P.251 P.282						
						FA1-TH1E16Y2RA20S1E	P.253						
			Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255	FA1-CB1L**EM1F18	P.149				
	Transistor, 1.0A	Independent	FA1-TH1E16Y1TR20S1E	P.250									
Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)							FA1-CB3L07SQ**E1F18	P.148				
								FA1-CB3L03SQ**E1F18	P.148				
RY41NT2P RY42NT2P RY41NT2H	Junction terminal block	Screw	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153			
			One-touch connector	Small-size terminal block	1-wire type	FA-TB32XY	P.126	FA-CBL**FMV FA-CBL**MMH (for distributed installation)			P.153 P.163		
						LED	1-wire type					FA-TBS32XY	P.127
						3-row terminal block	2-wire type					FA-TB32XYP3	P.128
				Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1	P.131					FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
				Distributed 8-point (8 to F)		FA-TB8XY2	P.131						
				Distributed 8-point (10 to 17)		FA-TB8XY3	P.131						
				Distributed 8-point (18 to 1F)		FA-TB8XY4	P.131						
				Distributed 16-point (0 to F)	3-wire type	FA-TB16XY1	P.132					FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
				Distributed 16-point (10 to 1F)		FA-TB16XY2	P.132						
				e-CON	3-wire type	FA-CB8XY1	P.139					FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
						FA-CB8XY2	P.139						
		FA-CB8XY3	P.139										
		FA-CB8XY4	P.139										
		FA-CB16XY1	P.140										
		FA-CB16XY2	P.140										
		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V	P.154			
			Screw	1-wire type			FA-TB16XY	P.126	FA-CBL**FM2LV	P.155			
				3-row terminal block	3-wire type			FA-TB16XYPN	P.128	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155		
					3-wire type			FA-TB16XYPN3	P.129				
	e-CON		3-wire type			FA-LEB16XY	P.142	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
			3-wire type			FA-LEB16XY-D	P.142						
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶	P.246 P.282	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166				
						FA1-TH8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282						
						FA1-TH16Y2SC20S1E Mountable module: slim type ▶	P.257 P.282						
			N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252						
						FA1-TH16Y1SR20S1E	P.254						
						FA1-TH16Y1TR20S1E	P.256						
		Screw	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
						Module replaceable	2-wire type			FA-TH16YRA21	P.259		
FA-TH16YRA20										P.260			
Module mixing possible				Independent	FA-TH16YRA11S	P.261							
					Module replaceable	2-wire type	FA-TH16YRA21S			P.262			
					Module mixing possible	Independent	FA-TH16YRA20S			P.263			
N/C contact relay			Module mixing possible	Independent	FA-TH16YRA20SL	P.265	FA-CBL**FM2V FA-CBL**FM2LV						
					FA-TH16YRAB20SL	P.266							
C/O contact relay			Module replaceable	Independent	FA-TH16YRAC20S	P.267							
					FA-TH16YSR11S	P.268							
Triac, 1.0A			Module replaceable	1-wire type	FA-TH16YSR21S	P.269							
					Module mixing possible	Independent				FA-TH16YSR20S	P.270		
Transistor, 1.0A (sink)			Module replaceable	1-wire type	FA-TH16YTL11S	P.271							
					2-wire type	FA-TH16YTL21S				P.272			
Transistor, 1.0A (source)			Module replaceable	1-wire type	FA-TH16YTH11S	P.273							
					FA-TH16YTR20S	P.275							
Transistor, 1.0A			Module mixing possible	Independent	FA-TH16YTR20S	P.275							
					FA-TH16Y2TR20	P.276							

Programmable controller module model	Unit type					Model		Connection cable	
RY41NT2P RY42NT2P RY41NT2H	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179
		Screw				FA-TBS40P	P.137		
	Discrete cable						FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151	
	Spring clamp terminal block conversion module (only for the RY41NT2P and RY41NT2H)					FA1-TE40PA	P.125		
RY41NT2P-TS	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA1-CB1L**EM2F34	P.149
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶	P.246 P.282	FA1-CB1L**EM2F34 FA-CBL**MMH20 (for distributed installation)	P.149 P.166
						FA1-TH8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282		
						FA1-TH16Y2SC20S1E Mountable module: slim type ▶	P.257 P.282		
						FA1-TH16Y2RA20S1E	P.252		
			N/O contact relay	Module mixing possible	Independent	FA1-TH16Y1SR20S1E	P.254	FA1-CB1L**EM2F34	P.149
			Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256		
	Transistor, 1.0A	Module mixing possible	Independent						
	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)						FA1-CB3L07SQ**E1F34 FA1-CB3L03SQ**E1F34	P.148 P.153
RY41PT1P RY42PT1P RY41PT2H	Junction terminal block	Spring clamp	Screw	Small-size terminal block LED 3-row terminal block Distributed 8-point (0 to 7) Distributed 8-point (8 to F) Distributed 8-point (10 to 17) Distributed 8-point (18 to 1F) Distributed 16-point (0 to F) Distributed 16-point (10 to 1F) Distributed 16-point (0 to F) Distributed 16-point (10 to 1F)	1-wire type 1-wire type 1-wire type 2-wire type 3-wire type 2-wire type 3-wire type				

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

MELSEC iQ-R series <Analog modules>

Programmable controller module type	Programmable controller module model	Unit type				Model				Connection cable					
						Mountable module									
Channel isolated analog input module	R60AD8-G R60AD16-G	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.122		FA-CBL**Q68ADGN P.188						
			Screw		Small-size terminal block		FA1-TBS40ADGN	P.183							
							FA-LTB40ADGN	P.184							
	R60AD6-DG		Spring clamp			FA1-TE2SD40P	P.122		FA-CBL**Q68ADDG P.188						
			Screw		Small-size terminal block		FA1-TBS40ADDG	P.183							
							FA-LTB40ADDG	P.184							
Channel isolated analog output module	R60DA8-G R60DA16-G	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.122		FA1-CBL**R60DA8G P.188						
			Screw		Small-size terminal block		FA1-TBS40DAG	P.183							
							FA-LTB40DAG	P.184							
Analog input module	R60ADV8		Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123		FA-CBL**Q68ADT P.189					
				Screw			FA-LTB20P	P.138					FA-CBL**Q68ADA P.190 FA-Q6TCA P.318		
				Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE		P.290	Input modules for analog signal converter					
		8-channel installation base unit FA1-AT1B8X1TE					P.292	Voltage input 0 to 5V FA-ATSVM1XV05 P.296 1 to 5V FA-ATSVM1XV15 P.296 -10 to 10V FA-ATSVM1XV1010 P.296 Current input 4 to 20mA FA-ATSVM1XA420 P.297 Distributor 4 to 20mA FA-ATSVM1XD P.298 RTD input -200 to +650°C FA-ATSVM1XRPT P.299 0 to +100°C FA-ATSVM1XRPT0010 P.299 0 to +200°C FA-ATSVM1XRPT0020 P.299 -200 to +600°C FA-ATSVM1XRJPT P.299 Thermocouple input +600 to +1700°C FA-ATSVM1XTB P.300 0 to +1600°C FA-ATSVM1XTR P.300 0 to +1600°C FA-ATSVM1XTS P.300 -200 to +1200°C FA-ATSVM1XTK P.300 0 to +400°C FA-ATSVM1XTK0040 P.300 0 to +600°C FA-ATSVM1XTK0060 P.300 0 to +800°C FA-ATSVM1XTK0080 P.300 -200 to +900°C FA-ATSVM1XTE P.300 -40 to +750°C FA-ATSVM1XTJ P.300 -200 to +350°C FA-ATSVM1XTT P.300 -200 to +1250°C FA-ATSVM1XTN P.300 CT 0 to 600VAC FA1-AT1CT-1-5 P.305 Pass-through module FA-ATFTMX Y P.317 Dummy module FA-ATNDM5 P.318							
		4-channel installation base unit FA1-AT1B4X1TB						P.290							
		8-channel installation base unit FA-ATB8XTB			P.292										
							P.290								
								P.292							
		Screw	Module selectable type			P.290									
							P.292								
								P.290							
									P.292						
				P.290											
					P.292										
	R60ADI8	Junction terminal block	Spring clamp			FA1-TE2SV20P				P.123		FA-CBL**Q68ADT P.189			
			Screw			FA-LTB20P	P.138			FA-CBL**Q68ADA P.190 FA-Q6TCA P.318					
		Analog signal converter	Input to the programmable controller: 4 to 20mA			Screw	Module selectable type	8-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM					P.294 P.295	Input modules for analog signal converter	
		R60AD4	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123		FA-CBL**Q64ADT P.189					
				Screw			FA-LTB20P	P.138							
	Analog signal converter		Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE		P.290	Input modules for analog signal converter			FA1-CB2L**AT4XV1T P.303			
				Screw		4-channel installation base unit FA1-AT1B4X1TB			P.290 P.290						
	R60ADH4	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123			FA-CBL**Q64ADT P.189					
			Screw			FA-LTB20P	P.138								
Analog signal converter		Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE		P.290	Input modules for analog signal converter			FA1-CB2L**AT4XV1T P.303				
			4-channel installation base unit FA1-AT1B4X1TB		P.290 P.290										
						P.290									
					P.290										
Analog output module	R60DAV8	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123		FA-CBL**Q68DAT P.189						
			Screw			FA-LTB20P	P.138					FA-CBL**Q68DAA P.190 FA-Q6TCA P.318			
		Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE		P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)						FA-CBL**ATQ8YT P.315 FA-Q6TCA P.318 FA-CBL**ATQ8YA P.315
						8-channel installation base unit FA1-AT1B8Y1TE			P.308						
						4-channel installation base unit FA1-AT1B4Y1TB				P.306					
				8-channel installation base unit FA-ATB8YTB		P.308									
							P.306								
								P.308							
		Screw	Module selectable type			P.306									
							P.308								
								P.306							
									P.308						
				P.308											
					P.308										

Programmable controller module type	Programmable controller module model	Unit type				Model				Connection cable										
						Mountable module														
Analog output module	R60DAI8	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123					FA-CBL**Q68DAT	P.189							
			Screw			FA-LTB20P	P.138					FA-CBL**Q68DAA FA-Q6TCA	P.190 P.318							
		Analog signal converter	Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter (The programmable controller outputs current.)				FA-CBL**ATQ8YT FA-Q6TCA FA-CBL**ATQ8YA Cable for distributed installation FA1-CB2L**AT4EX	P.315 P.318 P.315 P.319							
						8-channel installation base unit FA1-AT1B8Y1TE	P.308													
				Screw	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TB	P.306	Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Pass-through module Dummy module	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420 FA-ATFTMX FA-ATNDM5	P.310 P.310 P.310 P.310 P.311 P.311 P.317 P.318										
						8-channel installation base unit FA-ATB8YTB	P.308													
			R60DA4	Junction terminal block	Spring clamp						FA1-TE2SV20P			P.123					FA-CBL**Q64DAT	P.189
					Screw						FA-LTB20P			P.138						
				Analog signal converter	Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter (The programmable controller outputs voltage/current.)				FA1-CB2L**AT4YA1T	P.314					
						Screw		4-channel installation base unit FA1-AT1B4Y1TB	P.306											
	R60DAH4	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123					FA-CBL**Q64DAT	P.189							
			Screw			FA-LTB20P	P.138													
		Analog signal converter	Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter (The programmable controller outputs voltage/current.)						FA1-CB2L**AT4YA1T	P.314					
				Screw		4-channel installation base unit FA1-AT1B4Y1TB	P.306													
	Thermocouple input module	R60TD8-G	Junction terminal block	Screw			FA-LTB40TDG	P.185					FA-CBL**Q68TDG	P.190						
	RTD input module	R60RD8-G	Junction terminal block	Screw			FA-LTB40RD3G	P.186					FA-CBL**Q68RD3G	P.191						
	Temperature control module	R60TCTRT2T2 R60TCTRT2T2BW	Junction terminal block	Screw			FA-TB20TC	P.186					FA-CBLQ64TC**	P.192						
	HART-enabled module	R60ADI8-HA	Discrete cable	Shielded							FA1-CB2L**S1B2-4		P.187							

MELSEC iQ-R 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	RD77MS2 RD77MS4 RD77MS8 RD77MS16	MR-J4-B series MR-J3-B series	Junction terminal block	Screw	FA-LTBQ75M	P.197			FA-CBL**Q7	P.207
		Spring clamp terminal block conversion module (only for the RD77MS2)				FA1-TE40PA	P.125	-		
Positioning module (differential driver output system)	RD75D2 RD75D4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors			FA-CBLQ75M2J3	P.200			
					With pulse generator	FA-CBLQ75M2J3-P	P.200			
		MR-J2-A series MR-J2S-A series	Cable with connectors			FA-CBLQ75M2J2	P.202			
					With pulse generator	FA-CBLQ75M2J2-P	P.202			
		YASKAWA Σ-III series Σ-V series	Cable with connectors			FA-CBLQ75Y2E3	P.205			
		YASKAWA Σ-II series Σ-II PLUS series	Cable with connectors			FA-CBLQ75Y2Σ2	P.204			
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable			FA-CBLQ75G2	P.206			
					With pulse generator	FA-CBLQ75G2-P	P.206			
Positioning module (open collector output system)	RD75P2 RD75P4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors			FA-CBLQ7PM1J3	P.207			
		MR-J2-A series MR-J2S-A series	Cable with connectors			FA-CBLQ75PM2J2	P.202			
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.209
			General-purpose discrete cable			FA-CBLQ75G2	P.206			
					With pulse generator	FA-CBLQ75G2-P	P.206			
		Spring clamp terminal block conversion module (only for the RD75P2)			FA1-TE40PA	P.125	-			

MELSEC iQ-R series <High-speed counter modules>

Programmable controller module model	Unit type		Model		Connection cable
RD62P2 RD62D2 RD62P2E	Junction terminal block	Spring clamp	FA1-TE2SD40P	P.122	FA-SCBL**FMV-M P.194
		Screw	FA-TBS40P	P.137	
	Spring clamp terminal block conversion module		FA1-TE40PA	P.125	

MELSEC iQ-F series <I/O modules>

Programmable controller module model		Unit type				Model		Connection cable									
FX5UC-32MT/D FX5-C32ET/D	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167							
			Screw			1-wire type	FA-FXTB16XY	P.132	FA2-CB1LT**MM1H20	P.169							
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166							
							Mountable module: function type ▶				P.281						
							FA1-TH8X2SC20S1E	P.234									
							Mountable module: function type ▶				P.281						
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228									
							FA1-TH8X24RA1L20S1E	P.230									
							FA1-TH4X24RA1H20S1E	P.228									
							FA1-TH8X24RA1H20S1E	P.230									
			24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169								
						FA1-TH16X24RA1H20S1E	P.232										
						24VDC, N/O contact relay	Module mixing possible			Independent	FA-TH16XRA20S	P.236					
						24VDC, 10mA	2-wire type			FA-TH16X24D31	P.237						
						48VDC, 5mA	2-wire type			FA-TH16X24D31L	P.238						
						100VDC, 2.5mA	2-wire type			FA-TH16X48D31L	P.239						
	Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16X100D31L	P.240	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169									
					FA-TH16X100A31	P.241											
					FA-TH16X100A31L	P.242											
					FA-TH16X200A31	P.243											
					200VAC, 7.5mA	2-wire type			FA-TH16X200A31L	P.244							
					Sink output	Digital signal converter (terminal module)			Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166	
	Mountable module: slim type ▶		P.282														
	FA1-TH8Y2SC20S1E	P.248															
	Mountable module: slim type ▶		P.282														
	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2SC20S1E			P.257										
				Mountable module: slim type ▶			P.282										
				FA1-TH16Y2RA20S1E			P.252										
				FA1-TH16Y1SR20S1E			P.254										
	Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E			P.255										
				FA-FXTH16YRA20			P.280										
	Screw	N/O contact relay	Module replaceable Module mixing possible	Independent		FA-FXTH16YRA11S	P.279	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169								
						FA-FXTH16YRA20S	P.278										
						I/O combined	Junction terminal block			Screw			1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y FA2-CB1LT**MM2H16X16Y	P.173 P.174
FX5-C32ET/ DS-TS	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149							
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**EM1F18E FA-CBL**MMH20 (for distributed installation)	P.149 P.166							
							Mountable module: function type ▶				P.281						
							FA1-TH8X2SC20S1E	P.234									
							Mountable module: function type ▶				P.281						
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228									
							FA1-TH8X24RA1L20S1E	P.230									
							FA1-TH4X24RA1H20S1E	P.228									
							FA1-TH8X24RA1H20S1E	P.230									
	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**EM1F18E	P.149										
				FA1-TH16X24RA1H20S1E	P.232												
				Source input	Junction terminal block			Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149		
				Sink output	Junction terminal block			Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149		
Digital signal converter (terminal module)								Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH16Y2SC20S1E	P.257	FA2-CB1L**EM1F18	P.149		
												Mountable module: slim type ▶				P.282	
	N/O contact relay	Module mixing possible	Independent			FA1-TH16Y2RA20S1E	P.252										
						FA1-TH16Y1SR20S1E	P.254										
Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E			P.256											
			Discrete cable		0.75mm ² type (w8A max.)					FA1-CB3L07SQ**E1F18	P.148						
		0.3mm ² type (4A max.)							FA1-CB3L03SQ**E1F18	P.148							
FX5-C32ET/ DSS-TS	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149							
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**EM1F18E FA-CBL**MMH20 (for distributed installation)	P.149 P.166							
							Mountable module: function type ▶				P.281						
							FA1-TH8X2SC20S1E	P.234									
							Mountable module: function type ▶				P.281						
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228									
							FA1-TH8X24RA1L20S1E	P.230									
	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH4X24RA1H20S1E	P.228												
				FA1-TH8X24RA1H20S1E	P.230												
24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**EM1F18E	P.149											
			FA1-TH16X24RA1H20S1E	P.232													
Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149								

Programmable controller module model		Unit type					Model		Connection cable	
FX5-C32ET/ DSS-TS	Source output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E16Y2SC20S1E	P.251	FA2-CB1L**EM1F18E	P.149
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253		
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250		
		Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)						FA1-CB3L07SQ**E1F18	P.148
FX5UC-32MR/DS-TS		Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)						FA1-CB3L03SQ**E1F18	P.148
FX5UC-64MT/D FX5UC-96MT/D	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169
			Screw			1-wire type	FA-FXTB32X	P.134	FA-FXCBL**MM2H	P.171
		Screw			1-wire type	FA-FXTB32X	P.134	FA2-CB1LT**MM2H	P.172	
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
							Mountable module: function type ▶	P.281		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E	P.234		
							Mountable module: function type ▶	P.281		
							FA1-TH4X24RA1L20S1E	P.228		
							FA1-TH8X24RA1L20S1E	P.230		
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH4X24RA1H20S1E	P.228		
							FA1-TH8X24RA1H20S1E	P.230		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232		
							FA1-TH16X24RA1H20S1E	P.232		
				24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA-TH16XRA20S	P.236		
							FA-TH16X24D31	P.237		
							FA-TH16X24D31L	P.238		
							FA-TH16X48D31L	P.239		
							FA-TH16X100D31L	P.240		
							FA-TH16X100A31	P.241		
	FA-TH16X100A31L						P.242			
	200VAC, 7.5mA	Module mixing possible	Independent	FA-TH16X200A31	P.243					
				FA-TH16X200A31L	P.244					
				FA-TH16X200A31L	P.244					
	Sink output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169
		Screw			1-wire type	FA-FXTB32Y	P.137	FA-FXCBL**MM2H	P.171	
		Screw			1-wire type	FA-FXTB32Y	P.137	FA2-CB1LT**MM2H	P.172	
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
							Mountable module: slim type ▶	P.282		
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E	P.248		
							Mountable module: slim type ▶	P.282		
							FA1-TH16Y2SC20S1E	P.257		
							Mountable module: slim type ▶	P.282		
Screw			N/O contact relay	Module replaceable	1-wire type	FA1-TH16Y2RA20S1E	P.252			
						FA1-TH16Y1SR20S1E	P.254			
			Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256			
						FA-FXTH16YRA20	P.280			
	Transistor, 1.0A		Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256				
					FA-FXTH16YRA11S	P.279				
Module mixing possible	Independent	FA-FXTH16YRA20S	P.278							
		FA-FXTH16YRA20S	P.278							
I/O combined	Junction terminal block	Screw			1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y	P.173	
	Screw			1-wire type	FA-FXTB16X16Y	P.136	FA2-CB1LT**MM2H16X16Y	P.174		
FX5-C16EX/D	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
							Mountable module: function type ▶	P.281		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E	P.234		
							Mountable module: function type ▶	P.281		
							FA1-TH4X24RA1L20S1E	P.228		
							FA1-TH8X24RA1L20S1E	P.230		
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH4X24RA1H20S1E	P.228		
							FA1-TH8X24RA1H20S1E	P.230		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232		
							FA1-TH16X24RA1H20S1E	P.230		
				24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232		
							FA1-TH16X24RA1H20S1E	P.232		
							FA-TH16XRA20S	P.236		
							FA-TH16X24D31	P.237		
							FA-TH16X24D31L	P.238		
							FA-TH16X48D31L	P.239		
							FA-TH16X100D31L	P.240		
							FA-TH16X100A31	P.241		
FA-TH16X100A31L	P.242									
FA-TH16X200A31	P.243									
FA-TH16X200A31L	P.244									
FX5-C32EX/D	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169
			Screw			1-wire type	FA-FXTB32X	P.134	FA-FXCBL**MM2H	P.171

Programmable controller module model		Unit type				Model		Connection cable	
FX5-C32EX/D	Sink input	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239		
FX5-C16EY/D	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶ P.246 P.282	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module: slim type ▶ P.248 P.282		
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y2SC20S1E Mountable module: slim type ▶ P.257 P.282		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1SR20S1E P.252		
						Independent	FA1-TH16Y1TR20S1E P.254		
						Independent	FA1-TH16Y1TR20S1E P.256		
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-FXTH16YRA20 P.280	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
					Module mixing possible	Independent	FA-FXTH16YRA11S P.279		
						Independent	FA-FXTH16YRA20S P.278		
						Independent	FA1-TE2SV16XY P.121		
						Independent	FA1-TE2SV16XY P.121		
						Independent	FA-FXTB16XY P.133		
FX5-C32EY/D	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶ P.246 P.282	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module: slim type ▶ P.248 P.282		
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y2SC20S1E Mountable module: slim type ▶ P.257 P.282		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1SR20S1E P.252		
						Independent	FA1-TH16Y1TR20S1E P.254		
						Independent	FA1-TH16Y1TR20S1E P.256		
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-FXTH16YRA20 P.280	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
					Module mixing possible	Independent	FA-FXTH16YRA11S P.279		
						Independent	FA-FXTH16YRA20S P.278		
						Independent	FA1-TE2SV16XY P.121		
						Independent	FA1-TE2SV16XY P.121		
						Independent	FA-FXTB16XY P.133		
FX5UC-32MT/DSS FX5-C32ET/DSS	Sink input	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239		
FX5UC-32MT/DSS FX5-C32ET/DSS	Source output	Junction terminal block	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239		
FX5UC-32MT/DSS FX5-C32ET/DSS	Source output	Junction terminal block	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239		

Programmable controller module model			Unit type					Model		Connection cable		
FX5UC-32MT/ DSS FX5-C32ET/DSS	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit		Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166	
								Mountable module: slim type ▶	P.282			
								FA1-TH1E8Y2SC20S1E	P.248			
								Mountable module: slim type ▶	P.281			
								FA1-TH1E16Y2SC20S1E	P.251			
					Mountable module: slim type ▶	P.282						
					FA1-TH1E16Y2RA20S1E	P.253						
					FA1-TH1E16Y1SR20S1E	P.255						
					FA1-TH1E16Y1TR20S1E	P.250						
					FA1-TH1E16Y2RA20S	P.264						
		FA-THE16YTH11S	P.274									
		FA-THE16YTR20S	P.277									
		I/O combined	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MM2H16X16Y FA2-CB1LT**MM2H16X16Y	P.173 P.174	
FX5UC-32MT/ DS-TS	Sink input	Digital signal converter (terminal module)	Spring clamp			Module mixing possible	Independent	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18		P.149
								FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**EM1F18E		P.149
								FA1-TH16X24RA1H20S1E	P.232			
					FA1-TH4X2SC20S1E	P.234	FA2-CB1L**EM1F18E		P.149			
					Mountable module: function type ▶	P.281	FA-CBL**MMH20 (for distributed installation)		P.166			
					FA1-TH8X2SC20S1E	P.234						
			Mountable module: function type ▶	P.281								
	Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18		P.149	
			Spring clamp			1-wire type	FA1-TE2SV16XY	P.121				
	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit		Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA2-CB1L**EM1F18		P.149
								Mountable module: slim type ▶	P.282	FA-CBL**MMH20 (for distributed installation)		P.166
								FA1-TH8Y2SC20S1E	P.248			
								Mountable module: slim type ▶	P.282			
				FA1-TH16Y2SC20S1E	P.257							
				Mountable module: slim type ▶	P.282							
			FA1-TH16Y2RA20S1E	P.252	FA2-CB1L**EM1F18		P.149					
			FA1-TH16Y1SR20S1E	P.254								
			FA1-TH16Y1TR20S1E	P.256								
							FA1-CB3L07SQ**E1F18	P.148				
							FA1-CB3L03SQ**E1F18	P.148				
FX5UC-32MT/ DSS-TS	Sink input	Digital signal converter (terminal module)	Spring clamp	24VDC, N/O contact relay (positive common)		Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**EM1F18		P.149
								FA1-TH16X24RA1H20S1E	P.232	FA2-CB1L**EM1F18E		P.149
								FA1-TH4X2SC20S1E	P.234	FA2-CB1L**EM1F18E		P.149
					Mountable module: function type ▶	P.281	FA-CBL**MMH20 (for distributed installation)		P.166			
					FA1-TH8X2SC20S1E	P.234						
					Mountable module: function type ▶	P.281						
	Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18		P.149	
			Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18		P.149	
	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit		Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**EM1F18E		P.149
								Mountable module: slim type ▶	P.282	FA-CBL**MMH20 (for distributed installation)		P.166
								FA1-TH1E8Y2SC20S1E	P.248			
					Mountable module: slim type ▶	P.282						
					FA1-TH1E16Y2SC20S1E	P.251	FA2-CB1L**EM1F18E		P.149			
			Mountable module: slim type ▶	P.282								
		FA1-TH1E16Y2RA20S1E	P.253									
		FA1-TH1E16Y1SR20S1E	P.255									
		FA1-TH1E16Y1TR20S1E	P.250									
						FA1-CB3L07SQ**E1F18	P.148					
						FA1-CB3L03SQ**E1F18	P.148					
FX5UC-64MT/ DSS FX5UC-96MT/ DSS	Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167		
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169		
			Screw			1-wire type	FA-FXTB32X	P.134	FA-FXCBL**MM2H FA2-CB1LT**MM2H	P.171 P.172		
	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167		
			Screw			1-wire type	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169		
		Screw			1-wire type	FA-FXTB32X	P.134	FA-FXCBL**MM2H FA2-CB1LT**MM2H	P.171 P.172			
		Digital signal converter (terminal module)	Spring clamp	Installation base unit		Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**MM1H20E		P.168
								Mountable module: function type ▶	P.281	FA2-CB1LT**MM1H20E		P.170
								FA1-TH8X2SC20S1E	P.234	FA-CBL**MMH20 (for distributed installation)		P.166
								Mountable module: function type ▶	P.281			
								FA1-TH4X24RA1L20S1E	P.228	FA2-CB1L**MM1H20E		P.168
								FA1-TH8X24RA1L20S1E	P.230	FA2-CB1LT**MM1H20E		P.170
								FA1-TH4X24RA1H20S1E	P.228	FA-CBL**MMH20 (for distributed installation)		P.166
								FA1-TH8X24RA1H20S1E	P.230			
		FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**MM1H20E		P.168						
		FA1-TH16X24RA1H20S1E	P.232	FA2-CB1LT**MM1H20E		P.170						

Programmable controller module model		Unit type				Model		Connection cable	
FX5UC-64MT/ DSS FX5UC-96MT/ DSS	Sink input	Digital signal converter (terminal module)	Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S P.236	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
				24VDC, 10mA		2-wire type	FA-TH16X24D31 P.237		
				48VDC, 5mA		2-wire type	FA-TH16X24D31L P.238		
				100VDC, 2.5mA		2-wire type	FA-TH16X48D31L P.239		
				100VAC, 8mA		2-wire type	FA-TH16X100A31 P.241		
				200VAC, 7.5mA		2-wire type	FA-TH16X100A31L P.242		
	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA-TH1E4Y2SC20S1E P.247	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166
							Mountable module: slim type ▶ P.282		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16Y2SC20S1E P.248		
							Mountable module: slim type ▶ P.282		
			Screw	Module replaceable	1-wire type	Independent	FA1-TH1E16Y2RA20S1E P.251	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
							Mountable module: slim type ▶ P.282		
			Screw	Module mixing possible	Independent	Independent	FA1-TH1E16Y1SR20S1E P.253		
							FA1-TH1E16Y1TR20S1E P.255		
			Screw	Module mixing possible	Independent	Independent	FA1-TH1E16Y1H20S1E P.250		
							FA1-TH1E16Y2RA20S P.264		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
			Screw	Module mixing possible	Independent	Independent	FA-TH1E16YTH1S P.274		
							FA-TH1E16YTR20S P.277		
FX5-C16EX/DS	Source input	Junction terminal block	Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM2H16X16Y	P.167 P.169
							FA-FXTB16XY P.133		
	Sink input	Digital signal converter (terminal module)	Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
FX5-C32EX/DS	Source input	Junction terminal block	Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
	Sink input	Digital signal converter (terminal module)	Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		
			Spring clamp	Screw	Screw	1-wire type	FA1-TE2SV16XY P.121	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
							FA-FXTB16XY P.133		

Programmable controller module model			Unit type				Model		Connection cable											
FX5-C32EX/ DS-TS	Sink input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149										
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**EM1F18E FA-CBL**MMH20 (for distributed installation)	P.149 P.166										
					Mountable module: function type ▶	P.281														
				FA1-TH8X2SC20S1E	P.234	Mountable module: function type ▶	P.281													
	Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA2-CB1L**EM1F18	P.149										
Discrete cable		0.75mm ² type (8A max.) 0.3mm ² type (4A max.)					FA1-CB3L07SQ**E1F18	P.148												
									FA1-CB3L03SQ**E1F18	P.148										
FX5-C16EYT/DSS	Source output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167										
		Digital signal converter (terminal module)	Spring clamp	Screw	Installation base unit	Module selectable type	Independent	FA-FXTB16XY	P.133	FA2-CB1LT**MM1H20	P.169									
								FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**MM1H20E	P.168									
								Mountable module: slim type ▶	P.282	FA2-CB1LT**MM1H20E	P.170									
								FA1-TH1E8Y2SC20S1E	P.248	FA-CBL**MMH20	P.166									
								Mountable module: slim type ▶	P.282	(for distributed installation)										
								FA1-TH1E16Y2SC20S1E	P.251	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170									
								Mountable module: slim type ▶	P.282											
								FA1-TH1E16Y2RA20S1E	P.253											
								FA1-TH1E16Y1SR20S1E	P.255											
								FA1-TH1E16Y1TR20S1E	P.250											
								FA1-TH1E16Y2RA20S	P.264											
								FA-THE16YTH11S	P.274											
								FA-THE16YTR20S	P.277											
								FX5-C32EYT/DSS	Source output	Digital signal converter (terminal module)	Spring clamp	Screw	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**MM1H20E	P.168	
																Mountable module: slim type ▶	P.282	FA2-CB1LT**MM1H20E	P.170	
FA1-TH1E8Y2SC20S1E	P.248	FA-CBL**MMH20	P.166																	
Mountable module: slim type ▶	P.282	(for distributed installation)																		
FA1-TH1E16Y2SC20S1E	P.251	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170																	
Mountable module: slim type ▶	P.282																			
FA1-TH1E16Y2RA20S1E	P.253																			
FA1-TH1E16Y1SR20S1E	P.254																			
FA1-TH1E16Y1TR20S1E	P.250																			
FA1-TH1E16Y2RA20S	P.264																			
FA-THE16YTH11S	P.274																			
FA-THE16YTR20S	P.277																			
FX5-C16EYR/D-TS	Discrete cable	0.75mm ² type (8A max.)														FA1-CB3L07SQ**E1F18	P.148			
		0.3mm ² type (4A max.)														FA1-CB3L03SQ**E1F18	P.148			
FX5-C32EYT/ D-TS	Sink output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY									P.121	FA2-CB1L**EM1F18	P.149		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**EM1F18 FA-CBL**MMH20 (for distributed installation)	P.149 P.166										
							Mountable module: slim type ▶	P.282												
							FA1-TH1E8Y2SC20S1E	P.248												
	Mountable module: slim type ▶						P.282													
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
FX5-C32EYT/ DSS-TS	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**EM1F18E	P.149										
							Mountable module: slim type ▶	P.282												
							FA1-TH1E8Y2SC20S1E	P.248												
							Mountable module: slim type ▶	P.282												
							FA1-TH1E16Y2SC20S1E	P.251												
							Mountable module: slim type ▶	P.282												
							FA1-TH1E16Y2RA20S1E	P.253												
							FA1-TH1E16Y1SR20S1E	P.255												
							FA1-TH1E16Y1TR20S1E	P.250												
							Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148					
								0.3mm ² type (4A max.)												
								Digital signal converter (terminal module)			Spring clamp	Installation base unit	Module selectable type			Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**EM1F18E	P.149
																	Mountable module: slim type ▶	P.282		
							FA1-TH1E8Y2SC20S1E							P.248						
							Mountable module: slim type ▶							P.282						
							Source output	Discrete cable			0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148		
0.3mm ² type (4A max.)																				
Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247			FA2-CB1L**EM1F18E	P.149										
					Mountable module: slim type ▶	P.282														
					FA1-TH1E8Y2SC20S1E	P.248														
					Mountable module: slim type ▶	P.282														
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶			P.282										
FA1-TH1E8Y2SC20S1E	P.248																			
Mountable module: slim type ▶	P.282																			
Source output	Discrete cable	0.75mm ² type (8A max.)						FA1-CB3L07SQ**E1F18 FA1-CB3L03SQ**E1F18	P.148 P.148											
		0.3mm ² type (4A max.)																		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E			P.247	FA2-CB1L**EM1F18E	P.149								
							Mountable module: slim type ▶													

MELSEC iQ-F series <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 modules		
Positioning module (differential driver output system)	FX5-20PG-D	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors		FA-CBLQ75M2J3	P.200				
					FA-CBLQ75M2J3-P	P.200				
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75M2J2	P.202				
					FA-CBLQ75M2J2-P	P.202				
		YASKAWA Σ-III series Σ-V series	Cable with connectors		FA-CBLQ75Y2E3	P.205				
		YASKAWA Σ-II series Σ-II PLUS series	Cable with connectors		FA-CBLQ75Y2E2	P.204				
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable		FA-CBLQ75G2	P.206				
					FA-CBLQ75G2-P	P.206				
Positioning module (open collector output system)	FX5-20PG-P	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors		FA-CBLQ75PM2J3	P.200				
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J2	P.202				
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable		FA-CBLQ75G2	P.206				
					FA-CBLQ75G2-P	P.206				

MELSEC iQ-F series <Analog I/O modules>

Programmable controller module model	Unit type			Model	Mountable analog module	Connection cable
FX5-4AD	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type 4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter Voltage input 0 to 5V FA-ATSVM1XV05 P.296 1 to 5V FA-ATSVM1XV15 P.296 -10 to 10V FA-ATSVM1XV1010 P.296 Current input 4 to 20mA FA-ATSVM1XA420 P.297 Distributor 4 to 20mA FA-ATSVM1XD P.298 RTD input -200 to +650°C FA-ATSVM1XRPT P.299 0 to +100°C FA-ATSVM1XRPT0010 P.299 0 to +200°C FA-ATSVM1XRPT0020 P.299 -200 to +600°C FA-ATSVM1XRJPT P.299 Thermocouple input +600 to +1700°C FA-ATSVM1XTB P.300 0 to +1600°C FA-ATSVM1XTR P.300 0 to +1600°C FA-ATSVM1XTS P.300 -200 to +1200°C FA-ATSVM1XTK P.300 0 to +400°C FA-ATSVM1XTK0040 P.300 0 to +600°C FA-ATSVM1XTK0060 P.300 0 to +800°C FA-ATSVM1XTK0080 P.300 -200 to +900°C FA-ATSVM1XTE P.300 -40 to +750°C FA-ATSVM1XTJ P.300 -200 to +350°C FA-ATSVM1XTT P.300 -200 to +1250°C FA-ATSVM1XTN P.300 CT 0 to 600VAC FA1-AT1CT-1-5 P.305 Pass-through module FA-ATFTMX P.317 Dummy module FA-ATNDM5 P.318	FA2-CB2L**AT4XV1E P.302
			Screw	Module selectable type 4-channel installation base unit FA1-AT1B4X1TB P.290		
	Discrete cable	Shielded				FA1-CB2L**S1B2-4 P.187
FX5-8AD	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type 4-channel installation base unit FA1-AT1B4X1TE P.290 8-channel installation base unit FA1-AT1B8X1TE P.292	Input modules for analog signal converter	FA2-CB2L**AT8XV1E P.302 Cable for distributed installation FA1-CB2L**AT4EX P.319
			Screw	Module selectable type 4-channel installation base unit FA1-AT1B4X1TB P.290 8-channel installation base unit FA-ATB8XTB P.292 8-channel installation base unit FA-ATKB8XTB P.294 + Adapter FA-ATKAA8XM P.295		
	Discrete cable	Shielded				FA1-CB2L**S1B2-4 P.187
FX5-4DA	Analog signal converter	Output to the programmable controller: 1 to 5V	Spring clamp	Module selectable type 4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.) Voltage output 0 to 5V FA-ATSVM1YV05 P.312 0 to 10V FA-ATSVM1YV010 P.312 1 to 5V FA-ATSVM1YV15 P.312 -10 to 10V FA-ATSVM1YV1010 P.312 Current output 0 to 20mA FA-ATSVM1YA020 P.313 4 to 20mA FA-ATSVM1YA420 P.313 Pass-through module FA-ATFTMX P.317 Dummy module FA-ATNDM5 P.318	FA2-CB2L**AT4YV1E P.314
			Screw	Module selectable type 4-channel installation base unit FA1-AT1B4Y1TB P.306	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V FA-ATSAM1YV05 P.310 0 to 10V FA-ATSAM1YV010 P.310 1 to 5V FA-ATSAM1YV15 P.310 -10 to 10V FA-ATSAM1YV1010 P.310 Current output 0 to 20mA FA-ATSAM1YA020 P.311 4 to 20mA FA-ATSAM1YA420 P.311 Pass-through module FA-ATFTMX P.317 Dummy module FA-ATNDM5 P.318	
	Discrete cable	Shielded				FA1-CB2L**S1B2-4 P.187

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 P.145 FA-TB161ACC2 P.146	FA-CBL**TD	P.175		
QX28	AC	Junction terminal block	Screw			1-wire type	FA-TB18XY P.145	FA-CBL**TD	P.175		
QX40 QX40-S1	Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY P.121	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162			
			Screw			1-wire type	FA-TB16XY P.126 FA-TB161AC P.145	FA-CBL**TD	P.175		
						2-wire type	FA-TB161ACC2 P.146 FA-TB16XYPN P.128				
						3-wire type	FA-TB16XYPN3 P.129 FA-LEB16XY P.142	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162		
				3-row terminal block		3-wire type	FA-LEB16XY-D P.142				
				DIN rail installation only							
				Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.162 P.166
			FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281								
			Module mixing possible			Independent	FA1-TH4X24RA1L20S1E P.228 FA1-TH8X24RA1L20S1E P.230 FA1-TH4X24RA1H20S1E P.228 FA1-TH8X24RA1H20S1E P.230				
							FA1-TH16X24RA1L20S1E P.232 FA1-TH16X24RA1H20S1E P.232				
		Screw					Module mixing possible	Independent	FA-TB16XRA20S P.236 FA-TB16X24D31 P.237 FA-TB16X24D31L P.238 FA-TB16X48D31L P.239 FA-TB16X100D31L P.240 FA-TB16X100A31 P.241 FA-TB16X100A31L P.242 FA-TB16X200A31 P.243 FA-TB16X200A31L P.244		
									24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common) 24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)		
			24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)								
			24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)								
		Screw	24VDC, N/O contact relay		Module mixing possible	Independent	FA-TB16XRA20S P.236 FA-TB16X24D31 P.237 FA-TB16X24D31L P.238 FA-TB16X48D31L P.239 FA-TB16X100D31L P.240 FA-TB16X100A31 P.241 FA-TB16X100A31L P.242 FA-TB16X200A31 P.243 FA-TB16X200A31L P.244				
			24VDC, 10mA			2-wire type					
			48VDC, 5mA		2-wire type						
			100VDC, 2.5mA		2-wire type						
			100VAC, 8mA		2-wire type						
			200VAC, 7.5mA		2-wire type						
		QX40H	Positive common	Junction terminal block	Screw			1-wire type	FA-TB18XY P.145	FA-CBL**TD	P.175
		QX41 QX42 QX41-S1 QX41-S2 QX42-S1	Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD32XY P.120 FA-TB32XY P.126	FA-CBL**FMV	P.153	
					Screw		Small-size terminal block	1-wire type			FA-TBS32XY P.127
							LED	1-wire type			FA-TB32XYL P.127
							3-row terminal block	2-wire type			FA-TB32XYN3 P.128
							Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1 P.131		
							Distributed 8-point (8 to 7)		FA-TB8XY2 P.131		
							Distributed 8-point (10 to 17)		FA-TB8XY3 P.131		
							Distributed 8-point (18 to 1F)		FA-TB8XY4 P.131		
							Distributed 16-point (0 to F)	2-wire type	FA-TB16XY1N P.130		
Distributed 16-point (10 to 1F)	FA-TB16XY2N P.130										
Distributed 16-point (0 to F)	3-wire type						FA-TB16XY1 P.132				
Distributed 16-point (10 to 1F)							FA-TB16XY2 P.132				
One-touch connector							Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1 P.139		
					Distributed 8-point (8 to F)	FA-CB8XY2 P.139					
					Distributed 8-point (10 to 17)	FA-CB8XY3 P.139					
					Distributed 8-point (18 to 1F)	FA-CB8XY4 P.139					
					Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1 P.140				
					Distributed 16-point (10 to 1F)		FA-CB16XY2 P.140				
e-CON					3-wire type	FA-LEB32XY P.143 FA-LEB32XY-3 P.143 FA-LEB32XY-3A P.143	FA-CBL**FMV	P.153			
Junction terminal block	Spring clamp				1-wire type	FA1-TE2SV16XY P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155			
	Screw					1-wire type	FA-TB16XY P.126				
						3-wire type	FA-TB16XYPN P.128 FA-TB16XYPN3 P.129 FA-LEB16XY P.142				
				3-wire type		FA-LEB16XY-D P.142					
				DIN rail installation only							
	Digital signal converter (terminal module)			Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166	
FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281											
Module mixing possible					Independent	FA1-TH4X24RA1L20S1E P.228 FA1-TH8X24RA1L20S1E P.230 FA1-TH4X24RA1H20S1E P.228 FA1-TH8X24RA1H20S1E P.230					
						FA1-TH16X24RA1L20S1E P.232 FA1-TH16X24RA1H20S1E P.232					
						Screw	Module mixing possible	Independent			FA-TB16XRA20S P.236 FA-TB16X24D31 P.237 FA-TB16X24D31L P.238 FA-TB16X48D31L P.239 FA-TB16X100D31L P.240 FA-TB16X100A31 P.241 FA-TB16X100A31L P.242 FA-TB16X200A31 P.243 FA-TB16X200A31L P.244
											24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common) 24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)
24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)											
24VDC, N/O contact relay (positive common) 24VDC, N/O contact relay (negative common)											

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

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.236	FA-CBL**FM2V FA-CBL**FM2LV	P154 P155
				24VDC, 10mA		2-wire type	FA-TH16X24D31	P.237		
				48VDC, 5mA		2-wire type	FA-TH16X24D31L	P.238		
				100VDC, 2.5mA		2-wire type	FA-TH16X100D31L	P.240		
				100VAC, 8mA		2-wire type	FA-TH16X100A31	P.241		
				200VAC, 7.5mA		2-wire type	FA-TH16X100A31L	P.242		
	Common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179	
			Screw			FA-TBS40P	P.137			
			Discrete cable			FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151			
			Spring clamp terminal block conversion module (only for the QX41, QX41-S1, and QX41-S2)							FA1-TE40PA
QX70	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162
						1-wire type	FA-TB16XY	P.126		
						1-wire type	FA-TB161AC	P.145		
						2-wire type	FA-TB161ACC2	P.146		
					3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162	
			3-row terminal block			FA-TB16XYPN3	P.129			
					3-wire type	FA-LEB16XY	P.142			
			e-CON			FA-LEB16XY-D	P.142			
	Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20	P.160 P.161
						1-wire type	FA-TB16XY	P.126		
						1-wire type	FA-TB161AC	P.145		
						2-wire type	FA-TB161ACC2	P.146		
					3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20 FA-CBL**YM20	P.160 P.161	
			3-row terminal block			FA-TB16XYPN3	P.129			
					3-wire type	FA-LEB16XY	P.142			
			e-CON			FA-LEB16XY-D	P.142			
QX70H	Positive common	Junction terminal block	Screw			1-wire type	FA-TB18XY	P.145	FA-CBL**TD	P.175
QX71 QX72	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153
						1-wire type	FA-TB32XY	P.126		
						1-wire type	FA-TBS32XY	P.127		
				3-row terminal block		2-wire type	FA-TB32XYN3	P.138		
						3-wire type	FA-TB8XY1	P.131	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
				Distributed 8-point (0 to 7)			FA-TB8XY2	P.131		
				Distributed 8-point (8 to F)			FA-TB8XY3	P.131		
				Distributed 8-point (10 to 17)			FA-TB8XY4	P.131		
				Distributed 8-point (18 to 1F)		FA-TB16XY1N	P.130			
				Distributed 16-point (0 to F)		FA-TB16XY2N	P.130			
				Distributed 16-point (10 to F)		FA-TB16XY1	P.132			
				Distributed 16-point (10 to 1F)		FA-TB16XY2	P.132			
					3-wire type	FA-CB8XY1	P.149			
			Distributed 8-point (0 to 7)			FA-CB8XY2	P.149			
			Distributed 8-point (8 to F)			FA-CB8XY3	P.149			
			Distributed 8-point (10 to 17)			FA-CB8XY4	P.149			
			Distributed 8-point (18 to 1F)		FA-CB16XY1	P.140				
			Distributed 16-point (0 to F)		FA-CB16XY2	P.140				
			Distributed 16-point (10 to 1F)		FA-LEB32XY	P.143				
					3-wire type	FA-LEB32XY-3	P.143			
	e-CON		FA-LEB32XY-3A	P.143						
	QX71 QX72	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155
						1-wire type	FA-TB16XY	P.126	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155
						3-wire type	FA-TB16XYPN	P.128		
				3-row terminal block		3-wire type	FA-TB16XYPN3	P.129		
			3-wire type	FA-LEB16XY	P.142					
			DIN rail installation only		3-wire type	FA-LEB16XY-D	P.142			
	Negative common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMVE	P.156
						1-wire type	FA-TB32XY	P.126		
						1-wire type	FA-TBS32XY	P.127		
				3-row terminal block		2-wire type	FA-TB32XYP3	P.128		
						3-wire type	FA-TB8XY1	P.131	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.156 P.163
Distributed 8-point (0 to 7)				FA-TB8XY2	P.131					
Distributed 8-point (8 to F)				FA-TB8XY3	P.131					
Distributed 8-point (10 to 17)				FA-TB8XY4	P.131					
Distributed 8-point (18 to 1F)				3-wire type	FA-TB16XY1	P.132				
Distributed 16-point (0 to F)					FA-TB16XY2	P.132				
Distributed 16-point (10 to 1F)					FA-CB8XY1	P.139				
					FA-CB8XY2	P.139				
			3-wire type	FA-CB8XY3	P.139	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.156 P.163			
Distributed 8-point (0 to 7)				FA-CB8XY4	P.139					
Distributed 8-point (8 to F)				FA-CB16XY1	P.140					
Distributed 8-point (10 to 17)				FA-CB16XY2	P.140					
Distributed 8-point (18 to 1F)			3-wire type	FA-CB8XY1	P.139					
Distributed 16-point (0 to F)				FA-CB8XY2	P.139					
Distributed 16-point (10 to 1F)				FA-CB8XY3	P.139					
				FA-CB8XY4	P.139					

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

Programmable controller module model		Unit type			Model		Connection cable				
QX71 QX72	Negative common	Junction terminal block	e-CON	3-wire type	FA-LEB32XY	P.143	FA-CBL**FMVE	P.156			
	Common	Junction terminal block	Spring clamp	1-wire type	FA-LEB32XY-3	P.143					
			Screw		FA1-TE2SD40P	P.122					
			Discrete cable		FA-TBS40P	P.137					
					Spring clamp terminal block conversion module (only for the QX71)			FA1-TE40PA	P.125		
QX80	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160			
				1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161			
			Screw	1-wire type	FA-TB161AC	P.145	FA-CBL**TD	P.175			
				2-wire type	FA-TB161ACC1	P.146	FA-CBL**TD	P.175			
			3-row terminal block	3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20	P.160			
				3-wire type	FA-TB16XYPN3	P.129			FA-CBL**YM20	P.161	
			e-CON	DIN rail installation only	3-wire type	FA-LEB16XY	P.142	FA-CBL**TMV20	P.162		
QX80H	Negative common	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.145	FA-CBL**TD	P.175			
QX81 QX81-S2	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**DMFX	P.157			
			Screw	1-wire type	FA-TB32XY	P.126					
					FA-TBS32XY	P.127					
				2-wire type	FA-TB32XYH	P.127					
				FA-TB32XYP3	P.128						
			3-wire type	FA-TB8XY1	P.131	FA-CBL**DMFX	P.157				
				FA-TB8XY2	P.131			FA-CBL**MMH	(for distributed installation)		
				FA-TB8XY3	P.131						
				FA-TB8XY4	P.131						
			3-wire type	FA-TB16XY1	P.132	FA-CBL**DMFX	P.157				
				FA-TB16XY2	P.132			FA-CBL**MMH	(for distributed installation)		
				FA-TB16XY3	P.139						
				FA-TB16XY4	P.139						
			3-wire type	FA-CB8XY1	P.139	FA-CBL**DMFX	P.157				
				FA-CB8XY2	P.139			FA-CBL**MMH	(for distributed installation)		
				FA-CB8XY3	P.139						
				FA-CB8XY4	P.139						
			3-wire type	FA-CB16XY1	P.140	FA-CBL**DMFX	P.157				
				FA-CB16XY2	P.140			FA-CBL**MMH	(for distributed installation)		
				FA-LEB32XY	P.143						
				FA-LEB32XY-3	P.143						
			FA-LEB32XY-3A	P.143	FA-CBL**DMFX	P.157					
			QX82 QX82-S1	Negative common	Junction terminal block	Discrete cable				FA-BCBL**DFBL	P.152
Spring clamp	1-wire type	FA1-TE2SD32XY				P.120	FA-CBL**FMVE	P.156			
Screw	1-wire type	FA-TB32XY				P.126					
		FA-TBS32XY				P.127					
	2-wire type	FA-TB32XYH				P.127					
	FA-TB32XYP3	P.128									
Spring clamp	1-wire type	FA1-TE2SV16XY				P.121	FA-CBL**FM2V	P.154			
Screw	3-wire type	FA-TB8XY1				P.131	FA-CBL**FMVE	P.156			
		FA-TB8XY2				P.131			FA-CBL**MMH	(for distributed installation)	
		FA-TB8XY3				P.131					
		FA-TB8XY4				P.131					
	3-wire type	FA-TB16XY1				P.132	FA-CBL**FMVE	P.156			
		FA-TB16XY2				P.132			FA-CBL**MMH	(for distributed installation)	
		FA-TB16XY3				P.132					
	One-touch connector	3-wire type				FA-CB8XY1	P.139	FA-CBL**FMVE			P.156
						FA-CB8XY2	P.139		FA-CBL**MMH	(for distributed installation)	
						FA-CB8XY3	P.139				
FA-CB8XY4						P.139					
3-wire type		FA-CB16XY1				P.140					
e-CON	3-wire type	FA-LEB32XY				P.143	FA-CBL**FMVE	P.156			
		FA-LEB32XY-3				P.143					
		FA-LEB32XY-3A				P.143					
		FA1-TE2SD40P				P.122					
		FA-TBS40P	P.137								
Junction terminal block	Spring clamp	1-wire type		FA-CBL**FV	P.150						
	Screw										
	Discrete cable					FA-BCBL**FFBL	P.151				
								FA-BCBL**FFBLY	P.151		
QX90H	Negative common	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.145	FA-CBL**TD	P.175			
QY10 QY22		Junction terminal block	Screw	1-wire type	FA-TB161AC	P.145	FA-CBL**TD	P.175			
				2-wire type	FA-TB161ACC2	P.146					
QY18A QY68A		Junction terminal block	Screw		FA-TB18XY	P.145	FA-CBL**TD	P.175			

Programmable controller module model	Unit type				Model		Connection cable							
QY40P QY50	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160						
				1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161						
		Screw			1-wire type	FA-TB161AC	P.145	FA-CBL**TD	P.175					
					2-wire type	FA-TB161ACC1	P.146							
					3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20	P.160					
				3-wire type	FA-TB16XYPN3	P.129	FA-CBL**YM20	P.161						
	e-CON			3-wire type	FA-LEB16XY	P.142	FA-CBL**TMV20	P.162						
		DIN rail installation only		3-wire type	FA-LEB16XY-D	P.142								
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**M20	P.160					
						Mountable module: slim type ▶	P.282							
						FA1-TH8Y2SC20S1E	P.248			FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.162			
						Mountable module: slim type ▶	P.272							
						FA1-TH16Y2SC20S1E	P.257							
						Mountable module: slim type ▶	P.282							
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252	FA-CBL**M20	P.160					
				Module mixing possible	Independent	FA1-TH16Y1SR20S1E	P.254							
				Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256							
			N/C contact relay	1-wire type	FA-TH16YRA11	P.258	FA-CBL**M20			P.161				
				2-wire type	FA-TH16YRA21	P.259								
				Independent	FA-TH16YRA20	P.260								
			C/O contact relay	1-wire type	FA-TH16YRA11S	P.261					FA-CBL**TMV20	P.162		
				2-wire type	FA-TH16YRA21S	P.262								
				Independent	FA-TH16YRA20S	P.263								
			Screw	N/O contact relay	Module mixing possible	Independent							FA-TH16YRA20SL	P.265
		Module mixing possible			Independent	FA-TH16YRAB20SL		P.266						
		Module replaceable			Independent	FA-TH16YRAC20S		P.267						
		Triac, 1.0A		Module replaceable	Independent	FA-TH16YSR11S		P.268	FA-CBL**TMV20				P.162	
				Module replaceable	2-wire type	FA-TH16YSR21S	P.269							
				Module mixing possible	Independent	FA-TH16YSR20S	P.270							
		Transistor, 1.0A (sink)		Module replaceable	1-wire type	FA-TH16YTL11S	P.271	FA-CBL**TMV20		P.161				
				Module replaceable	2-wire type	FA-TH16YTL21S	P.272							
				Module replaceable	1-wire type	FA-TH16YTH11S	P.273							
		Transistor, 1.0A (source)		Module replaceable	1-wire type	FA-TH16YTR20S	P.275				FA-CBL**TMV20	P.161		
			Module mixing possible	Independent	FA-TH16Y2TR20	P.276								
	Independent		Independent	FA-TH16Y2TR20	P.276									
	Transistor, 1.0A	Module replaceable	1-wire type	FA-TH16YTR20S	P.275	FA-CBL**TMV20	P.161							
Module mixing possible		Independent	FA-TH16Y2TR20	P.276										
Independent		Independent	FA-TH16Y2TR20	P.276										
Transistor, 2.0A	Module replaceable	1-wire type	FA-TH16YTR20S	P.275	FA-CBL**TMV20				P.161					
	Module mixing possible	Independent	FA-TH16Y2TR20	P.276										
	Independent	Independent	FA-TH16Y2TR20	P.276										
QY41P QY41H QY42P	Junction terminal block	Spring clamp		1-wire type				FA1-TE2SD32XY		P.120			FA-CBL**FMV	P.153
		Screw	Small-size terminal block	1-wire type				FA-TB32XY		P.126	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163		
				1-wire type				FA-TBS32XY		P.127				
				1-wire type				FA-TB32XYL		P.127				
				2-wire type		FA-TB32XYP3	P.128							
			Distributed 8-point (0 to 7)	3-wire type		FA-TB8XY1	P.131	FA-CBL**FMV FA-CBL**MMH (for distributed installation)		P.153 P.163				
						FA-TB8XY2	P.131							
					FA-TB8XY3	P.131								
					FA-TB8XY4	P.131								
			Distributed 8-point (8 to F)	3-wire type	FA-TB16XY1	P.132	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163						
					FA-TB16XY2	P.132								
		FA-CB8XY1			P.139									
		FA-CB8XY2			P.139									
		Distributed 8-point (10 to 17)	3-wire type	FA-CB8XY3	P.139	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163							
				FA-CB8XY4	P.139									
				FA-CB16XY1	P.140									
				FA-CB16XY2	P.140									
		Distributed 8-point (18 to 1F)	3-wire type	FA-LEB32XY	P.143	FA-CBL**FMV	P.153							
	FA-LEB32XY-3			P.143										
	FA-LEB32XY-3A			P.143										
	FA-LEB32XY-3A			P.143										
	e-CON			3-wire type	FA-LEB32XY-3	P.143	FA-CBL**FMV	P.153						
				3-wire type	FA-LEB32XY-3A	P.143								
		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V	P.154					
			Screw			1-wire type	FA-TB16XY	P.126	FA-CBL**FM2LV	P.155				
						3-wire type	FA-TB16XYPN	P.128	FA-CBL**FM2V	P.154				
				3-row terminal block		FA-TB16XYPN3	P.129							
	e-CON				3-wire type	FA-LEB16XY	P.142	FA-CBL**FM2LV	P.155					
			DIN rail installation only		3-wire type	FA-LEB16XY-D	P.142							
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**FM2V	P.154					
						Mountable module: slim type ▶	P.282							
						FA1-TH8Y2SC20S1E	P.248			FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.155 P.166			
						Mountable module: slim type ▶	P.282							
						FA1-TH16Y2SC20S1E	P.257							
						Mountable module: slim type ▶	P.282							
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252	FA-CBL**FM2V	P.154					
Module mixing possible				Independent	FA1-TH16Y1SR20S1E	P.254								
Module mixing possible				Independent	FA1-TH16Y1TR20S1E	P.256								
1-wire type				FA-TH16YRA11	P.258	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155							
2-wire type				FA-TH16YRA21	P.259									
Independent				FA-TH16YRA20	P.260									
1-wire type	FA-TH16YRA11S	P.261												
2-wire type	FA-TH16YRA21S	P.262												
Independent	FA-TH16YRA20S	P.263												
Screw	N/O contact relay	Module mixing possible	Independent	FA-TH16YRA20SL	P.265	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155							
		Module mixing possible	Independent	FA-TH16YRAB20SL	P.266									
		Module replaceable	Independent	FA-TH16YRAC20S	P.267									
		Module replaceable	Independent	FA-TH16YRAC20S	P.267									
		N/C contact relay	Module mixing possible	Independent	FA-TH16YRAB20SL			P.266						
		C/O contact relav	Module replaceable	Independent	FA-TH16YRAC20S			P.267						

*: 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	Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S	P.268	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155			
				Module mixing possible	Independent	FA-TH16YSR21S	P.269					
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YSR20S	P.270					
				Module replaceable	2-wire type	FA-TH16YTL11S	P.271					
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTL21S	P.272					
				Module replaceable	1-wire type	FA-TH16YTH11S	P.273					
			Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275					
	Transistor, 2.0A	Independent	FA-TH16Y2TR20	P.276								
		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179			
	Screw				FA-TBS40P	P.137						
Discrete cable								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151			
Spring clamp terminal block conversion module (only for the QY41P and QY41H)						FA1-TE40PA	P.125					
QY70	Junction terminal block	Screw	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160		
					1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161			
					1-wire type	FA-TB161AC	P.145	FA-CBL**TMV20	P.162			
					2-wire type	FA-TB161ACC1	P.146	FA-CBL**TD	P.175			
					3-wire type	FA-TB16XYPN	P.128					
			3-row terminal block	3-wire type	FA-TB16XYPN3	P.129	FA-CBL**M20	P.160				
				e-CON	3-wire type	FA-LEB16XY	P.142	FA-CBL**YM20	P.161			
		DIN rail installation only			3-wire type	FA-LEB16XY-D	P.142	FA-CBL**TMV20	P.162			
		QY71	Junction terminal block	Screw	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153
							1-wire type	FA-TB32XY	P.126			
1-wire type	FA-TBS32XY						P.127					
1-wire type	FA-TB32XYL						P.127					
3-row terminal block	2-wire type				FA-TB32XYP3	P.128	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163				
	Distributed 8-point (0 to 7)				3-wire type	FA-TB8XY1			P.131			
					Distributed 8-point (8 to F)	3-wire type			FA-TB8XY2	P.131		
					Distributed 8-point (10 to 17)	3-wire type			FA-TB8XY3	P.131		
Distributed 8-point (18 to 1F)	3-wire type				FA-TB8XY4	P.131						
Distributed 16-point (0 to F)	3-wire type				FA-TB16XY1	P.132	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163				
					FA-TB16XY2	P.132						
	Distributed 16-point (10 to 1F)				3-wire type	FA-CB8XY1			P.139			
						FA-CB8XY2			P.139			
One-touch connector					3-wire type	FA-CB8XY3	P.139	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163			
				FA-CB8XY4		P.139						
	Distributed 16-point (0 to F)			3-wire type		FA-CB16XY1	P.140					
	Distributed 16-point (10 to 1F)			3-wire type		FA-CB16XY2	P.140					
e-CON	3-wire type			FA-LEB32XY	P.143	FA-CBL**FMV	P.153					
				FA-LEB32XY-3	P.143							
				FA-LEB32XY-3A	P.143							
Junction terminal block	Screw			Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155	
				1-wire type	FA-TB16XY	P.126	FA-CBL**FM2LV	P.155				
				3-wire type	FA-TB16XYPN	P.128	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
				3-wire type	FA-TB16XYPN3	P.129						
				e-CON	3-wire type	FA-LEB16XY	P.142	FA-CBL**FMV-M	P.179			
		DIN rail installation only	3-wire type			FA-LEB16XY-D	P.142					
		Junction terminal block	Screw	Spring clamp			1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179	
	Screw					FA-TBS40P	P.137					
	Discrete cable								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151		
	Spring clamp terminal block conversion module						FA1-TE40PA	P.125				
QY80	Junction terminal block	Screw	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160		
					1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161			
					1-wire type	FA-TB161AC	P.145	FA-CBL**TMV20	P.162			
					2-wire type	FA-TB161ACC2	P.146	FA-CBL**TD	P.175			
					3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162			
			3-wire type	FA-TB16XYPN3	P.129							
			e-CON	3-wire type	FA-LEB16XY	P.142	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162				
		DIN rail installation only			3-wire type	FA-LEB16XY-D			P.142			
		Digital signal converter (terminal module)			Spring clamp	Installation base unit			Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247
			Mountable module: slim type ▶	P.282								
	FA1-TH1E8Y2SC20S1E		P.248									
	Mountable module: slim type ▶		P.282									
	N/O contact relay		Module mixing possible	Independent		FA1-TH1E16Y2SC20S1E	P.251					
						Mountable module: slim type ▶	P.282					
	Screw		Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.160 P.161 P.162			
						Transistor, 1.0A	Independent			FA1-TH1E16Y1SR20S1E	P.255	
			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250					
						Transistor, 1.0A (source)	Independent			FA1-TH1E16Y2RA20S	P.264	
			Transistor, 1.0A	Module replaceable	1-wire type	FA-THE16YTH11S	P.274					
						Transistor, 1.0A	Module mixing possible			Independent	FA-THE16YTR20S	P.277

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

Programmable controller module model	Unit type					Model		Connection cable		
QY81P	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**DMFY	P.158	
		Screw	Small-size terminal block	1-wire type	FA-TB32XY	P.126				
				LED	1-wire type	FA-TBS32XY	P.127			
			3-row terminal block	1-wire type	FA-TB32XYH	P.127				
			Distributed 8-point (0 to 7)	2-wire type	FA-TB32XYN3	P.128				
			Distributed 8-point (8 to F)	3-wire type	FA-TB8XY1	P.131	FA-CBL**DMFY FA-CBL**MMH (for distributed installation)	P.158 P.163		
			Distributed 8-point (10 to 17)		FA-TB8XY2	P.131				
			Distributed 8-point (18 to 1F)		FA-TB8XY3	P.131				
			Distributed 8-point (18 to 1F)		FA-TB8XY4	P.131				
			Distributed 16-point (0 to F)	2-wire type	FA-TB16XY1N	P.130	FA-CBL**DMFY FA-CBL**MMH (for distributed installation)	P.158 P.163		
			Distributed 16-point (10 to 1F)		FA-TB16XY2N	P.130				
			Distributed 16-point (0 to F)	3-wire type	FA-TB16XY1	P.132			FA-CBL**DMFY FA-CBL**MMH (for distributed installation)	
			Distributed 16-point (10 to 1F)		FA-TB16XY2	P.132				
		One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.139	FA-CBL**DMFY FA-CBL**MMH (for distributed installation)	P.158 P.163		
			Distributed 8-point (8 to F)		FA-CB8XY2	P.139				
			Distributed 8-point (10 to 17)		FA-CB8XY3	P.139				
			Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139				
			Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1	P.140				
		Distributed 16-point (10 to 1F)	FA-CB16XY2		P.140					
		e-CON			3-wire type	FA-LEB32XY	P.143	FA-CBL**DMFY	P.158	
						FA-LEB32XY-3	P.143			
						FA-LEB32XY-3A	P.143			
	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**DM2FY	P.159	
		Screw		1-wire type	FA-TB16XY	P.126				
					FA-TB16XYPN	P.128				
			3-row terminal block	3-wire type	FA-TB16XYPN3	P.129				
		e-CON	DIN rail installation only	3-wire type	FA-LEB16XY	P.142				
					FA-LEB16XY-D	P.142				
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**DM2FY FA-CBL**MMH20 (for distributed installation)	P.159 P.166
							Mountable module: slim type ▶	P.282		
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E	P.248		
							Mountable module: slim type ▶	P.282		
				Triac, 1.0A	Independent	Independent	FA1-TH1E16Y2SC20S1E	P.251	FA-CBL**DM2FY	P.159
				Transistor, 1.0A			Mountable module: slim type ▶	P.282		
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253		
				Triac, 1.0A			FA1-TH1E16Y1SR20S1E	P.255		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250		
				Transistor, 1.0A (source)			FA1-TH1E16Y2RA20S	P.264		
				Transistor, 1.0A	Module replaceable	1-wire type	FA-THE16YTH11S	P.274		
				Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S	P.277		
		Discrete cable							FA-BCBL**DFBL	P.152
QY82P		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153
			Screw	Small-size terminal block	1-wire type	FA-TB32XY	P.126			
					LED	1-wire type	FA-TBS32XY	P.127		
	3-row terminal block			1-wire type	FA-TB32XYH	P.127				
	Distributed 8-point (0 to 7)			2-wire type	FA-TB32XYN3	P.128				
	Distributed 8-point (8 to F)			3-wire type	FA-TB8XY1	P.131	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163		
	Distributed 8-point (10 to 17)				FA-TB8XY2	P.131				
	Distributed 8-point (18 to 1F)				FA-TB8XY3	P.131				
	Distributed 8-point (18 to 1F)				FA-TB8XY4	P.131				
	Distributed 16-point (0 to F)			2-wire type	FA-TB16XY1N	P.130	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163		
	Distributed 16-point (10 to 1F)				FA-TB16XY2N	P.130				
	Distributed 16-point (0 to F)			3-wire type	FA-TB16XY1	P.132			FA-CBL**FMV FA-CBL**MMH (for distributed installation)	
	Distributed 16-point (10 to 1F)				FA-TB16XY2	P.132				
	One-touch connector		Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.139	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163		
			Distributed 8-point (8 to F)		FA-CB8XY2	P.139				
			Distributed 8-point (10 to 17)		FA-CB8XY3	P.139				
			Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139				
			Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1	P.140				
			Distributed 16-point (10 to 1F)		FA-CB16XY2	P.140				
	e-CON			3-wire type	FA-LEB32XY	P.143	FA-CBL**FMV	P.153		
					FA-LEB32XY-3	P.143				
					FA-LEB32XY-3A	P.143				
	Junction terminal block	e-CON			3-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V	P.154	
		Spring clamp			1-wire type	FA-TB16XY	P.126	FA-CBL**FM2LV	P.155	
		Screw		1-wire type	FA-TB16XYPN	P.128	FA-CBL**FM2V	P.154		
				3-row terminal block	3-wire type	FA-TB16XYPN3	P.129	FA-CBL**FM2LV	P.155	
			e-CON	DIN rail installation only	3-wire type	FA-LEB16XY	P.142	FA-CBL**FM2V	P.154	
		FA-LEB16XY-D				P.142	FA-CBL**FM2LV	P.155		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166
							Mountable module: slim type ▶	P.282		
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E	P.248		
							Mountable module: slim type ▶	P.282		
				Triac, 1.0A	Independent	Independent	FA1-TH1E16Y2SC20S1E	P.251	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155
				Transistor, 1.0A			Mountable module: slim type ▶	P.282		
	Screw		N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253			
			Triac, 1.0A			FA1-TH1E16Y1SR20S1E	P.255			
			Transistor, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250			
			Transistor, 1.0A (source)			FA1-TH1E16Y2RA20S	P.264			
			Transistor, 1.0A	Module replaceable	1-wire type	FA-THE16YTH11S	P.274			
			Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S	P.277			

*: 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	Spring clamp	1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179
		Screw		FA-TBS40P	P.137		
	Discrete cable					FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151
QX48Y57	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.145	FA-CBL**TD	P.175
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.122	FA-CBL**Q68ADGN P.188					
			Screw	Small-size terminal block	FA1-TBS40ADGN	P.183							
					FA-LTB40ADGN	P.184							
	Q66AD-DG	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.122	FA-CBL**Q66ADDG P.188					
			Screw	Small-size terminal block	FA1-TBS40ADDG	P.183							
					FA-LTB40ADDG	P.184							
	Q62AD-DGH	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123	FA-CBL**Q64DAT P.189					
			Screw			FA-LTB20P	P.138						
	Channel isolated analog output module	Q66DA-G	Junction terminal block	Spring clamp			FA1-TE2SD40P	P.122	FA-CBL**Q66DAG P.188				
Screw				Small-size terminal block	FA1-TBS40DAG	P.183							
					FA-LTB40DAG	P.184							
Analog input module	Q68ADV	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123	FA-CBL**Q68ADT P.189					
			Screw			FA-LTB20P	P.138				FA-CBL**Q68ADA P.190 FA-Q6TCA P.318		
		Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.290	Input modules for analog signal converter Voltage input 0 to 5V FA-ATSVM1XV05 P.296 1 to 5V FA-ATSVM1XV15 P.296 -10 to 10V FA-ATSVM1XV1010 P.296 Current input 4 to 20mA FA-ATSVM1XA420 P.297 Distributor 4 to 20mA FA-ATSVM1XD P.298 RTD input -200 to +650°C FA-ATSVM1XRPT P.299 0 to +100°C FA-ATSVM1XRPT0010 P.299 0 to +200°C FA-ATSVM1XRPT0020 P.299 -200 to +600°C FA-ATSVM1XRJPT P.299 Thermocouple input +600 to +1700°C FA-ATSVM1XTB P.300 0 to +1600°C FA-ATSVM1XTR P.300 0 to +1600°C FA-ATSVM1XTS P.300 -200 to +1200°C FA-ATSVM1XTK P.300 0 to +400°C FA-ATSVM1XTK0040 P.300 0 to +600°C FA-ATSVM1XTK0060 P.300 0 to +800°C FA-ATSVM1XTK0080 P.300 -200 to +900°C FA-ATSVM1XTE P.300 -40 to +750°C FA-ATSVM1XTJ P.300 -200 to +350°C FA-ATSVM1XTT P.300 -200 to +1250°C FA-ATSVM1XTN P.300 CT 0 to 600VAC FA1-AT1CT-1-5 P.305 Pass-through module FA-ATFTMX P.317 Dummy module FA-ATNDM5 P.318					
						8-channel installation base unit FA1-AT1B8X1TE	P.292						
						4-channel installation base unit FA1-AT1B4X1TB	P.290						
						8-channel installation base unit FA-ATB8XTB	P.292						
			Screw	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.290							
					8-channel installation base unit FA1-AT1B8X1TE	P.292							
					4-channel installation base unit FA1-AT1B4X1TB	P.290							
					8-channel installation base unit FA-ATB8XTB	P.292							
		Q68ADI	Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123	FA-CBL**Q68ADT P.189				
				Screw			FA-LTB20P	P.138				FA-CBL**Q68ADA P.190 FA-Q6TCA P.318	
	Analog signal converter		Input to the programmable controller: 4 to 20mA	Screw	Module selectable type	Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM	P.294 P.295	Input modules for analog signal converter FA-CBL**ATQ8XVT P.304 FA-Q6TCA P.318 FA-CBL**ATQ8XVA P.303					
						4-channel installation base unit FA1-TE2SV20P	P.123						
	Q64AD		Junction terminal block	Spring clamp			FA1-TE2SV20P	P.123	FA-CBL**Q64ADT P.189				
				Screw			FA-LTB20P	P.138					
	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.290	Input modules for analog signal converter			FA1-CB2L**AT4XV1T P.303		
						4-channel installation base unit FA1-AT1B4X1TB	P.290						
	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.290	Input modules for analog signal converter			FA-CBL**ATF P.304		
						8-channel installation base unit FA1-AT1B8X1TE	P.292						
						4-channel installation base unit FA1-AT1B4X1TB	P.290						
						8-channel installation base unit FA-ATB8XTB	P.292						
			Input to the programmable controller: 4 to 20mA	Screw	Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM	P.294 P.295							
					4-channel installation base unit FA1-TE2SV20P	P.123							

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.197			FA-CBL**Q7	P.207	
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.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207	
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207	
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.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207	
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75M2J3-1	P.200					
			Cable with connectors		FA-CBLQ75M2J2-1	P.202					
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207	
			General-purpose discrete cable		FA-CBLQ75G2-1		P.206				
					FA-CBLQ75G2-1P		P.206				
		Spring clamp terminal block conversion module				FA1-TE40PA	P.125	-			
		QD75D2N QD75D2 QD75D4N QD75D4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207
				Cable with connectors		FA-CBLQ75M2J3		P.200			
	FA-CBLQ75M2J3-P		P.200								
	MR-J2-A series MR-J2S-A series		Cable with connectors		FA-CBLQ75M2J2		P.202				
					FA-CBLQ75M2J2-P		P.202				
	YASKAWA Σ-III series Σ-V series		Cable with connectors		FA-CBLQ75Y2E3	P.205					
	YASKAWA Σ-II series Σ-II PLUS series		Cable with connectors		FA-CBLQ75Y2E2	P.204					
	For general-purpose stepping motors and servo amplifiers		Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207	
			General-purpose discrete cable		FA-CBLQ75G2		P.206				
					FA-CBLQ75G2-P		P.206				
	Spring clamp terminal block conversion module (only for the QD75D2N and QD75D2)				FA1-TE40PA	P.125	-				
	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.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7
		MR-J2-A series MR-J2S-A series		Cable with connectors		FA-CBLQ75PM2J3-1	P.200				
				Cable with connectors		FA-CBLQ75PM2J2-1	P.202				
For general-purpose stepping motors and servo amplifiers		Junction terminal block		Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207	
		General-purpose discrete cable		FA-CBLQ75G2-1		P.206					
				FA-CBLQ75G2-1P		P.206					
Spring clamp terminal block conversion module				FA1-TE40PA	P.125						
QD75P2N QD75P2 QD75P4N QD75P4		MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7	P.207	
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J3	P.201					
			Cable with connectors		FA-CBLQ75PM2J2	P.202					
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207	
			General-purpose discrete cable		FA-CBLQ75G2		P.206				
					FA-CBLQ75G2-P		P.206				
		Spring clamp terminal block conversion module (only for the QD75P2N and QD75P2)				FA1-TE40PA	P.125				
QD75M1 QD75M2 QD75M4 QD75MH1 QD75MH2 QD75MH4		MR-J4-B series MR-J3-B series	Junction terminal block	Screw	FA-LTBQ75M	P.197			FA-CBL**Q7	P.207	
		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	P193	FA-CBL**QD63P6	P194
			12V signal input	FA-LTB40D63P6V12	P193		
			24V signal input	FA-LTB40D63P6V24	P193		
	Spring clamp terminal block conversion module			FA1-TE40PA	P125		
QD62 QD62E QD62D	Junction terminal block	Spring clamp		FA1-TE2SD40P	P122	FA-SCBL**FMV-M	P194
		Screw	Small-size terminal block	FA-TBS40P	P137		
	Spring clamp terminal block conversion module			FA1-TE40PA	P125		

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.122	FA-SCBL**FMV-M	P.194
		Screw		FA-TBS40P	P.137		
	Spring clamp terminal block conversion module			FA1-TE40PA	P.125		

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.122	FA-SCBL**FMV-M	P.194
		Screw		FA-TBS40P	P.137		
	Spring clamp terminal block conversion module			FA1-TE40PA	P.125		

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.122	FA-SCBL**FMV-M	P.194
		Screw		FA-TBS40P	P.137		

MELSEC-F series

Programmable controller module model		Unit type				Model		Connection cable	
FX3GC-32MT/D FX3UC-16MT/D FX3UC-32MT/D FX3UC-32MT-LT FX3UC-32MT-LT2	Sink input	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239	FA-FXCBL**MMH20	P.167
							FA-TH16X100D31L P.240		
							FA-TH16X100A31 P.241		
							FA-TH16X100A31L P.242		
							FA-TH16X200A31 P.243		
							FA-TH16X200A31L P.244		
	Sink output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E P.246 Mountable module ▶ P.282	FA-FXCBL**MMH20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module ▶ P.282		
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y2SC20S1E P.257 Mountable module ▶ P.282		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y2RA20S1E P.252	FA-FXCBL**MMH20	P.167
						Independent	FA1-TH16Y1SR20S1E P.254		
						Independent	FA1-TH16Y1TR20S1E P.256		
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-FXTH16YRA20 P.280		
					Module mixing possible	Independent	FA-FXTH16YRA11S P.279		
						Independent	FA-FXTH16YRA20S P.278		
						Independent	FA-FXTH16YRA20S P.278		
	I/O combined	Junction terminal block	Screw		1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y	P.173
FX3UC-64MT/D FX3UC-96MT/D	Sink input	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20	P.167 P.169
				24VDC, 10mA	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA-TH16XRA20S P.236		
				100VDC, 2.5mA			FA-TH16X24D31 P.237		
				100VAC, 8mA			FA-TH16X24D31L P.238		
				200VAC, 7.5mA			FA-TH16X48D31L P.239	FA-FXCBL**MMH20	P.167 P.169
							FA-TH16X100D31L P.240		
							FA-TH16X100A31 P.241		
							FA-TH16X100A31L P.242		
							FA-TH16X200A31 P.243		
							FA-TH16X200A31L P.244		
	Sink output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E P.246 Mountable module ▶ P.282	FA-FXCBL**MMH20 FA-CBL**MMH20 (for distributed installation)	P.167 P.166
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module ▶ P.282		
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y2SC20S1E P.257 Mountable module ▶ P.282		
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y2RA20S1E P.252	FA-FXCBL**MMH20	P.167
						Independent	FA1-TH16Y1SR20S1E P.254		
						Independent	FA1-TH16Y1TR20S1E P.256		
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-FXTH16YRA20 P.280		
					Module mixing possible	Independent	FA-FXTH16YRA11S P.279		
						Independent	FA-FXTH16YRA20S P.278		
						Independent	FA-FXTH16YRA20S P.278		
	I/O combined	Junction terminal block	Screw		1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y	P.173

Programmable controller module model		Unit type				Model		Connection cable	
FX2NC-16EX	Sink input	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 FA1-TH8X2SC20S1E Mountable module: function type ▶ P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228	
							FA1-TH8X24RA1L20S1E	P.230	
							FA1-TH4X24RA1H20S1E	P.228	
							FA1-TH8X24RA1H20S1E	P.230	
							FA1-TH16X24RA1L20S1E	P.232	
							FA1-TH16X24RA1H20S1E	P.232	
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.243	
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.244	
				24VDC, 10mA			FA-TH16XRA20S	P.236	
				24VDC, 10mA			FA-TH16X24D31	P.237	
				24VDC, 10mA			FA-TH16X24D31L	P.238	
				48VDC, 5mA			FA-TH16X48D31L	P.239	
				100VDC, 2.5mA			FA-TH16X100D31L	P.240	
				100VAC, 8mA			FA-TH16X100A31	P.241	
				100VAC, 8mA			FA-TH16X100A31L	P.242	
				100VAC, 8mA			FA-TH16X200A31	P.243	
				100VAC, 8mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
FX2NC-32EX	Sink input	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 FA1-TH8X2SC20S1E Mountable module: function type ▶ P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228	
							FA1-TH8X24RA1L20S1E	P.230	
							FA1-TH4X24RA1H20S1E	P.228	
							FA1-TH8X24RA1H20S1E	P.230	
							FA1-TH16X24RA1L20S1E	P.232	
							FA1-TH16X24RA1H20S1E	P.232	
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.243	
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.244	
				24VDC, 10mA			FA-TH16XRA20S	P.236	
				24VDC, 10mA			FA-TH16X24D31	P.237	
				24VDC, 10mA			FA-TH16X24D31L	P.238	
				48VDC, 5mA			FA-TH16X48D31L	P.239	
				100VDC, 2.5mA			FA-TH16X100D31L	P.240	
				100VAC, 8mA			FA-TH16X100A31	P.241	
				100VAC, 8mA			FA-TH16X100A31L	P.242	
				100VAC, 8mA			FA-TH16X200A31	P.243	
				100VAC, 8mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
FX2NC-16EX-DS FX2NC-32EX-DS	Sink input	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 FA1-TH8X2SC20S1E Mountable module: function type ▶ P.281	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228	
							FA1-TH8X24RA1L20S1E	P.230	
							FA1-TH4X24RA1H20S1E	P.228	
							FA1-TH8X24RA1H20S1E	P.230	
							FA1-TH16X24RA1L20S1E	P.232	
							FA1-TH16X24RA1H20S1E	P.232	
			Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232	FA-FXCBL**MMH20 FA2-CB1LT**MM1H20
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.243	
				24VDC, N/O contact relay (negative common)			FA1-TH16X200A31L	P.244	
				24VDC, 10mA			FA-TH16XRA20S	P.236	
				24VDC, 10mA			FA-TH16X24D31	P.237	
				24VDC, 10mA			FA-TH16X24D31L	P.238	
				48VDC, 5mA			FA-TH16X48D31L	P.239	
				100VDC, 2.5mA			FA-TH16X100D31L	P.240	
				100VAC, 8mA			FA-TH16X100A31	P.241	
				100VAC, 8mA			FA-TH16X100A31L	P.242	
				100VAC, 8mA			FA-TH16X200A31	P.243	
				100VAC, 8mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
				200VAC, 7.5mA			FA-TH16X200A31L	P.244	
FX2NC-16EYT	Sink output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
			Screw		1-wire type	FA-FXTB16XY	P.133		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶ P.246 FA1-TH8Y2SC20S1E Mountable module: slim type ▶ P.282	FA-FXCBL**MMH20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169
				N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2SC20S1E Mountable module: slim type ▶ P.282		
							FA1-TH16Y2SR20S1E	P.252	
							FA1-TH16Y1SR20S1E	P.254	
			Spring clamp	Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.256	FA-FXCBL**MMH20
				Transistor, 1.0A	Module mixing possible	Independent	FA-FXTH16YRA20	P.280	
				N/O contact relay	Module replaceable	Independent	FA-FXTH16YRA11S	P.279	
					Module mixing possible	Independent	FA-FXTH16YRA20S	P.278	
			Screw	N/O contact relay	Module mixing possible	Independent	FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
			Screw	N/O contact relay	Module mixing possible	Independent	FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
			Screw	N/O contact relay	Module mixing possible	Independent	FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	
							FA-FXTH16YRA20S	P.278	

Programmable controller module model		Unit type					Model		Connection cable						
FX2NC-32EYT	Sink output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167					
			Screw			1-wire type	FA-FXTB16XY	P.133							
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-FXCBL**MMH20 FA-CBL**MMH20 (for distributed installation)	P.167 P.169					
							Mountable module: slim type ▶				P.282				
							FA1-TH8Y2SC20S1E				P.248				
							Mountable module: slim type ▶				P.282				
			Screw	N/O contact relay	Module replaceable	1-wire type	FA1-TH16Y2SC20S1E	P.257	FA-FXCBL**MMH20	P.167					
							Mountable module: slim type ▶				P.282				
							FA1-TH16Y2RA20S1E				P.252				
							FA1-TH16Y1SR20S1E				P.254				
FX3GC-32MT/DSS FX3UC-16MT/DSS FX3UC-32MT/DSS	Source input	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167					
			Screw			1-wire type	FA-FXTB16XY	P.133							
		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167					
			Screw			1-wire type	FA-FXTB16XY	P.133							
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166					
							Mountable module: function type ▶				P.281				
FA1-TH8X2SC20S1E							P.234								
Mountable module: function type ▶							P.281								
24VDC, N/O contact relay (positive common)	Module mixing possible						Independent	FA1-TH4X24RA1L20S1E			P.228				
								FA1-TH8X24RA1L20S1E			P.230				
								FA1-TH4X24RA1H20S1E			P.228				
								FA1-TH8X24RA1H20S1E			P.230				
24VDC, N/O contact relay (negative common)	Module mixing possible						Independent	FA1-TH16X24RA1L20S1E			P.232				
								FA1-TH16X24RA1H20S1E			P.232				
								Screw			24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.236
														FA-TH16X24D31	
FA-TH16X24D31L							P.238								
FA-TH16X48D31L							P.239								
100VDC, 2.5mA	Module mixing possible	Independent	FA-TH16X100D31L	P.240											
			FA-TH16X100A31		P.241										
			FA-TH16X100A31L		P.242										
			FA-TH16X200A31		P.243										
200VAC, 7.5mA	Module mixing possible	Independent	FA-TH16X200A31L		P.244										
			FA-TH16X200A31L		P.244										
Source output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167						
		Screw			1-wire type	FA-FXTB16XY	P.133								
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA2-CB1L**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.166					
							Mountable module: slim type ▶				P.282				
							FA1-TH1E8Y2SC20S1E				P.248				
							Mountable module: slim type ▶				P.282				
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2SC20S1E	P.251	FA2-CB1L**MM1H20E	P.168					
							Mountable module: slim type ▶				P.282				
							FA1-TH1E16Y2RA20S1E				P.253				
							FA1-TH1E16Y1SR20S1E				P.255				
Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250										
				FA1-TH1E16Y2RA20S		P.264									
				FA-THE16YTH11S		P.274									
				FA-THE16YTR20S		P.277									
I/O combined	Junction terminal block	Screw			1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y	P.173						
		Spring clamp			1-wire type	FA1-TE2SV16XY	P.121								
FX3UC-64MT/DSS FX3UC-96MT/DSS	Source input	Junction terminal block	Screw			1-wire type	FA-FXTB16XY	P.133	FA-FXCBL**MMH20	P.167					
			Screw			1-wire type	FA-FXTB32X	P.134							
	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167						
		Screw			1-wire type	FA-FXTB16XY	P.133								
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166						
						Mountable module: function type ▶				P.281					
						FA1-TH8X2SC20S1E				P.234					
						Mountable module: function type ▶				P.281					
		24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228									
					FA1-TH8X24RA1L20S1E	P.230									
					FA1-TH4X24RA1H20S1E	P.228									
					FA1-TH8X24RA1H20S1E	P.230									
		24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232									
					FA1-TH16X24RA1H20S1E		P.232								
					Screw	24VDC, N/O contact relay	Module mixing possible			Independent	FA-TH16XRA20S	P.236			
											FA-TH16X24D31		P.237		
		FA-TH16X24D31L		P.238											
		FA-TH16X48D31L		P.239											
		FA-TH16X100D31L		P.240											
		FA-TH16X100A31		P.241											
100VAC, 8mA	Module mixing possible	Independent	FA-TH16X100A31L		P.242										
			FA-TH16X200A31		P.243										
			FA-TH16X200A31L		P.244										
			FA-TH16X200A31L		P.244										

Programmable controller module model		Unit type				Model		Connection cable			
FX3UC-64MT/DSS FX3UC-96MT/DSS	Source output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167		
			Screw		1-wire type	FA-FXTB16XY	P.133				
			Screw		1-wire type	FA-FXTB32Y	P.135				
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶	P.247 P.282	FA2-CB1L**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170	
							FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282			
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2SC20S1E Mountable module: slim type ▶	P.251 P.282			
						Independent	FA1-TH1E16Y2RA20S1E	P.253			
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255	FA2-CB1L**MM1H20E	P.168	
						Independent	FA1-TH1E16Y1TR20S1E	P.250			
				Transistor, 1.0A	Module replaceable	1-wire type	FA-THE16YTH11S	P.274			
						Independent	FA-THE16YTR20S	P.277			
			I/O combined	Junction terminal block	Screw		1-wire type	FA-FXTB16X16Y	P.136	FA-FXCBL**MM2H16X16Y	P.173
	FX2C-16EX-DS	Source input	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167	
Screw				1-wire type	FA-FXTB16XY	P.133					
Sink input		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167		
			Screw		1-wire type	FA-FXTB16XY	P.133				
		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.170 P.166		
						FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.281				
			24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232			FA2-CB1L**MM1H20E FA2-CB1LT**MM1H20E	P.168 P.170
						FA1-TH16X24RA1H20S1E	P.232				
		Screw	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA2-CB1L**MM1H20E	P.168		
						FA-TH16XRA20S	P.236				
			24VDC, 10mA	Module mixing possible	Independent	FA-TH16X24D31	P.237				
						FA-TH16X24D31L	P.238				
			48VDC, 5mA	Module mixing possible	Independent	FA-TH16X48D31L	P.239				
						FA-TH16X100D31L	P.240				
			100VDC, 2.5mA	Module mixing possible	Independent	FA-TH16X100A31	P.241				
						FA-TH16X100A31L	P.242				
		100VAC, 8mA	Module mixing possible	Independent	FA-TH16X200A31	P.243					
					FA-TH16X200A31L	P.244					
		FX2NC-16EYT-DSS	Source output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167
					Screw		1-wire type	FA-FXTB16XY	P.133		
Digital signal converter (terminal module)	Spring clamp			Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶	P.247 P.282	FA2-CB1L**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.166	
							FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282			
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2SC20S1E Mountable module: slim type ▶	P.251 P.282			
						Independent	FA1-TH1E16Y2RA20S1E	P.253			
	Screw			Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255	FA2-CB1L**MM1H20E	P.168	
						Independent	FA1-TH1E16Y1TR20S1E	P.250			
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.264			
						Independent	FA-THE16YTH11S	P.274			
	Transistor, 1.0A			Module replaceable	1-wire type	FA-THE16YTR20S	P.277				
Independent					FA-THE16YTR20S	P.277					
FX2NC-32EYT-DSS	Source output	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-FXCBL**MMH20	P.167		
			Screw		1-wire type	FA-FXTB16XY	P.133				
			Screw		1-wire type	FA-FXTB32Y	P.135				
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶	P.247 P.282	FA2-CB1L**MM1H20E FA-CBL**MMH20 (for distributed installation)	P.168 P.166	
							FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282			
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2SC20S1E Mountable module: slim type ▶	P.251 P.282			
						Independent	FA1-TH1E16Y2RA20S1E	P.253			
			Screw	Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255	FA2-CB1L**MM1H20E	P.168	
						Independent	FA1-TH1E16Y1TR20S1E	P.250			
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.264			
						Independent	FA-THE16YTH11S	P.274			
			Transistor, 1.0A	Module replaceable	1-wire type	FA-THE16YTR20S	P.277				
Independent	FA-THE16YTR20S	P.277									

MELSEC-F series <Analog I/O modules>

Programmable controller module type	Programmable controller module model	Unit type				Model					Connection cable								
						Mountable module													
Analog input module	FX3U-4AD	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter				FA2-CB2L**AT4XV1E P.302								
				Screw		8-channel installation base unit FA1-AT1B8X1TE P.292	Voltage input 0 to 5V 1 to 5V -10 to 10V Current input 4 to 20mA Distributor 4 to 20mA RTD input -200 to +650°C 0 to +100°C 0 to +200°C -200 to +600°C	FA-ATSVM1XV05 FA-ATSVM1XV15 FA-ATSVM1XV1010 FA-ATSVM1XA420 FA-ATSVM1XD FA-ATSVM1XRPT FA-ATSVM1XRPT0010 FA-ATSVM1XRPT0020 FA-ATSVM1XRJPT	P.296 P.296 P.296 P.297 P.298 P.299 P.299 P.299 P.299										
						4-channel installation base unit FA1-AT1B4X1TB P.290													
						8-channel installation base unit FA-ATB8XTB P.292													
			Input to the programmable controller: 4 to 20mA		Screw	Module selectable type	8-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.293	Thermocouple input +600 to +1700°C 0 to +1600°C 0 to +1600°C -200 to +1200°C 0 to +400°C 0 to +600°C 0 to +800°C -200 to +900°C -40 to +750°C -200 to +350°C -200 to +1250°C CT 0 to 600VAC Pass-through module Dummy module	FA-ATSVM1XTB FA-ATSVM1XTR FA-ATSVM1XTS FA-ATSVM1XTK FA-ATSVM1XTK0040 FA-ATSVM1XTK0060 FA-ATSVM1XTK0080 FA-ATSVM1XTE FA-ATSVM1XTJ FA-ATSVM1XTT FA-ATSVM1XTN FA1-AT1CT-1-5 FA-ATFTMX FA-ATNDM5	P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.305 P.317 P.318									
				FX3U-4AD-ADP FX3UC-4AD FX2N-8AD				Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp		Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter				FA-CBL**ATF P.304 Cable for distributed installation FA1-CB2L**AT4EX P.319	
										Screw			8-channel installation base unit FA1-AT1B8X1TE P.292						
													4-channel installation base unit FA1-AT1B4X1TB P.290						
	8-channel installation base unit FA-ATB8XTB P.292																		
	Input to the programmable controller: 4 to 20mA	Screw	Module selectable type		8-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.295														
FX3U-4DA FX3U-4DA-ADP					Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp		Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Pass-through module Dummy module				FA-CBL**ATYF P.316				
	Screw	8-channel installation base unit FA1-AT1B8Y1TE P.308	FA-ATSVM1YV05 FA-ATSVM1YV010 FA-ATSVM1YV15 FA-ATSVM1YV1010 FA-ATSVM1YA020 FA-ATSVM1YA420 FA-ATFTMX FA-ATNDM5	P.312 P.312 P.312 P.312 P.303 P.303 P.317 P.318															
		4-channel installation base unit FA1-AT1B4Y1TB P.306																	
		8-channel installation base unit FA-ATB8YTB P.308																	
		Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type		4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Pass-through module Dummy module				FA-CBL**ATYF P.316								
	Screw					8-channel installation base unit FA1-AT1B8Y1TE P.308	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420 FA-ATFTMX FA-ATNDM5	P.310 P.310 P.310 P.310 P.311 P.311 P.317 P.318											
						4-channel installation base unit FA1-AT1B4Y1TB P.306													
						8-channel installation base unit FA-ATB8YTB P.308													

MELSEC-L series <I/O modules>

Programmable controller module model		Unit type				Model		Connection cable					
LX10	AC	Junction terminal block	Screw		1-wire type 2-wire type	FA-TB161AC FA-TB161ACC2	P.145 P.146	FA-CBL**D	P.176				
LX28	AC	Junction terminal block	Screw		1-wire type	FA-TB18XY	P.145	FA-CBL**D	P.176				
LX40C6	Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160				
					1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161				
			Screw			1-wire type	FA-TB161AC	P.145	FA-CBL**D	P.176			
						2-wire type	FA-TB161ACC2	P.146					
				3-row terminal block		3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20	P.160			
							FA-TB16XYPN3	P.129					
					3-wire type	FA-LEB16XY	P.142	FA-CBL**YM20	P.161				
			DIN rail installation only			FA-LEB16XY-D	P.142						
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166			
							Mountable module: function type ▶	P.281					
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E	P.234					
							Mountable module: function type ▶	P.281					
			24VDC, N/O contact relay (negative common)	FA1-TH4X24RA1L20S1E			P.228						
				FA1-TH8X24RA1L20S1E			P.230						
			24VDC, N/O contact relay (positive common)	FA1-TH4X24RA1H20S1E	P.228								
				FA1-TH8X24RA1H20S1E	P.230								
		Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-CBL**M20 FA-CBL**YM20	P.160 P.161				
						FA1-TH16X24RA1H20S1E	P.232						
						24VDC, 10mA	2-wire type	FA-TH16XRA20S	P.236	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
								FA-TH16X24D31	P.237				
			FA-TH16X24D31L	P.238									
			48VDC, 5mA	2-wire type	FA-TH16X48D31L			P.239					
			100VDC, 2.5mA	2-wire type	FA-TH16X100D31L	P.240							
					FA-TH16X100A31	P.241							
	100VAC, 8mA	2-wire type	FA-TH16X100A31L	P.242									
			FA-TH16X200A31	P.243									
	200VAC, 7.5mA	2-wire type	FA-TH16X200A31L	P.244									
	Negative common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20	P.160				
					1-wire type	FA-TB16XY	P.126	FA-CBL**YM20	P.161				
			Screw			1-wire type	FA-TB161AC	P.145	FA-CBL**D	P.176			
						2-wire type	FA-TB161ACC2	P.146					
				3-row terminal block		3-wire type	FA-TB16XYPN	P.128	FA-CBL**M20	P.160			
							FA-TB16XYPN3	P.129					
					3-wire type	FA-LEB16XY	P.142	FA-CBL**YM20	P.161				
			DIN rail installation only			FA-LEB16XY-D	P.142						
LX41C4 LX42C4			Positive common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153		
							1-wire type	FA-TB32XY	P.126				
					Screw	Small-size terminal block	1-wire type	FA-TBS32XY	P.127			FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
							1-wire type	FA-TB32XYL	P.127				
	2-wire type	FA-TB32XYN3					P.128						
		Distributed 8-point (0 to 7)					3-wire type	FA-TB8XY1	P.131				
	Distributed 8-point (8 to F)				FA-TB8XY2	P.131							
	Distributed 8-point (10 to 17)				FA-TB8XY3	P.131							
	Distributed 8-point (18 to 1F)				FA-TB8XY4	P.131							
	Distributed 16-point (0 to F)	2-wire type			FA-TB16XY1N	P.130							
					Distributed 16-point (10 to 1F)	FA-TB16XY2N	P.130						
		3-wire type			Distributed 16-point (0 to F)	FA-TB16XY1	P.132						
					Distributed 16-point (10 to 1F)	FA-TB16XY2	P.132						
	One-touch connector	3-wire type			Distributed 8-point (0 to 7)	FA-CB8XY1	P.139						
					Distributed 8-point (8 to F)	FA-CB8XY2	P.139						
					Distributed 8-point (10 to 17)	FA-CB8XY3	P.139						
					Distributed 8-point (18 to 1F)	FA-CB8XY4	P.139						
		3-wire type			Distributed 16-point (0 to F)	FA-CB16XY1	P.140						
Distributed 16-point (10 to 1F)				FA-CB16XY2	P.140								
e-CON	3-wire type	FA-LEB32XY		P.143	FA-CBL**FMV	P.153							
		FA-LEB32XY-3A		P.143									
Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155					
				1-wire type	FA-TB16XY	P.126							
	Screw			3-wire type	FA-TB16XYPN	P.128							
		3-row terminal block			FA-TB16XYPN3	P.129							
	e-CON	3-wire type	FA-LEB16XY	P.142									
			DIN rail installation only	FA-LEB16XY-D	P.142								

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

Programmable controller module model			Unit type				Model		Connection cable					
LX41C4 LX42C4	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166				
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.281						
							FA1-TH4X24RA1L20S1E	P.228						
							FA1-TH8X24RA1L20S1E	P.230						
							FA1-TH4X24RA1H20S1E	P.228						
				24VDC, N/O contact relay (negative common)	FA1-TH8X24RA1H20S1E	P.230								
			24VDC, N/O contact relay (positive common)	FA1-TH16X24RA1L20S1E	P.232									
			24VDC, N/O contact relay (negative common)	FA1-TH16X24RA1H20S1E	P.232									
			Screw	24VDC, N/O contact relay	Module replaceable	Independent	FA-TH16XRA20S	P.236	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155				
				24VDC, 10mA	2-wire type	FA-TH16X24D31	P.237							
						FA-TH16X24D31L	P.238							
				48VDC, 5mA	2-wire type	FA-TH16X48D31L	P.239							
		100VDC, 2.5mA		2-wire type	FA-TH16X100D31L	P.240								
		100VAC, 8mA		2-wire type	FA-TH16X100A31	P.241								
		200VAC, 7.5mA	2-wire type	FA-TH16X100A31L	P.242									
				FA-TH16X200A31	P.243									
				FA-TH16X200A31L	P.244									
				FA1-TE2SD32XY	P.120									
	Screw			Small-size terminal block	1-wire type	FA-TB32XY	P.126							
						FA-TBS32XY	P.127							
		1-wire type	FA-TB32XYH		P.127									
			2-wire type		FA-TB32XYP3	P.128								
	One-touch connector	Distributed 8-point (0 to 7)		3-wire type	FA-TB8XY1	P.131								
			FA-TB8XY2		P.131									
			FA-TB8XY3		P.131									
			FA-TB8XY4		P.131									
		Distributed 16-point (0 to F)	3-wire type	FA-TB16XY1	P.132									
				FA-TB16XY2	P.132									
	Distributed 16-point (10 to 1F)	3-wire type	FA-CB8XY1	P.139										
			FA-CB8XY2	P.139										
			FA-CB8XY3	P.139										
			FA-CB8XY4	P.139										
			FA-CB16XY1	P.140										
			FA-CB16XY2	P.140										
	e-CON	3-wire type	FA-LEB32XY	P.143										
			FA-LEB32XY-3	P.143										
			FA-LEB32XY-3A	P.143										
			FA1-TE2SD40P	P.122										
			FA-TBS40P	P.137										
Common	Junction terminal block	Spring clamp	1-wire type			FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151							
		Screw												
		Discrete cable												
	Spring clamp terminal block conversion module (only for the LX41C4)				FA1-TE40PA	P.125								
	LY10R2		Junction terminal block	Screw		1-wire type	FA-TB161AC	P.145	FA-CBL**D	P.176				
						2-wire type	FA-TB161ACC2	P.146						
LY18R2A LY28S1A		Junction terminal block	Screw			FA-TB18XY	P.145	FA-CBL**D	P.176					
LY20S6		Junction terminal block	Screw		1-wire type	FA-TB161AC	P.145	FA-CBL**D	P.176					
					2-wire type	FA-TB161ACC2	P.146							
LY40NT5P	Junction terminal block	Spring clamp	Screw	3-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20	P.160 P.161						
					FA-TB16XY	P.126								
					FA-TB161AC	P.145	FA-CBL**D	P.176						
					FA-TB161ACC1	P.146								
					FA-TB16XYPN	P.128	FA-CBL**M20 FA-CBL**YM20	P.160 P.161						
					FA-TB16XYPN3	P.129								
		e-CON	DIN rail installation only	FA-LEB16XY	P.142	FA-CBL**M20 FA-CBL**YM20	P.160 P.161							
				FA-LEB16XY-D	P.142									
				Digital signal converter (terminal module)	Spring clamp			Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶	P.246 P.282	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
											FA1-TH8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282		
								N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2SC20S1E Mountable module: slim type ▶	P.257 P.282		
											FA1-TH16Y2RA20S1E	P.252		
	Triac, 1.0A	Independent	FA1-TH16Y1SR20S1E	P.254	FA-CBL**M20 FA-CBL**YM20	P.160 P.161								
	Transistor, 1.0A		FA1-TH16Y1TR20S1E	P.256										

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

Programmable controller module model	Unit type					Model		Connection cable			
LY40NT5P	Digital signal converter (terminal module)	Screw	N/O contact relay		1-wire type	FA-TH16YRA11	P.258	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
					2-wire type	FA-TH16YRA21	P.259				
					Independent	FA-TH16YRA20	P.260				
				Module replaceable	1-wire type	FA-TH16YRA11S	P.261				
				Module replaceable	2-wire type	FA-TH16YRA21S	P.262				
				Module mixing possible	Independent	FA-TH16YRA20S	P.263				
				Independent	FA-TH16YRA20SL	P.265					
			N/C contact relay	Module mixing possible	Independent	FA-TH16YRAB20SL	P.266				
			C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S	P.267				
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S	P.268				
					2-wire type	FA-TH16YSR21S	P.269				
				Module mixing possible	Independent	FA-TH16YSR20S	P.270				
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S	P.271				
					2-wire type	FA-TH16YTL21S	P.272				
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273				
Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275							
		Independent	FA-TH16Y2TR20	P.276							
LY40PT5P	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
					1-wire type	FA-TB16XY	P.126				
					1-wire type	FA-TB161AC	P.145				
					2-wire type	FA-TB161ACC2	P.146				
					3-wire type	FA-TB16XYPN	P.128				
			3-row terminal block	3-wire type	FA-TB16XYPN3	P.129	FA-CBL**M20 FA-CBL**YM20	P.160 P.161			
				3-wire type	FA-LEB16XY	P.142					
				3-wire type	FA-LEB16XY-D	P.142					
				3-wire type	FA-LEB16XY-D	P.142					
				3-wire type	FA-LEB16XY-D	P.142					
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166		
						Mountable module: slim type ▶	P.282				
						FA1-TH1E8Y2SC20S1E	P.248				
						Mountable module: slim type ▶	P.282				
						FA1-TH1E16Y2SC20S1E	P.251				
		N/O contact relay	Module mixing possible	Independent	Independent	FA1-TH1E16Y2RA20S1E	P.253	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
						FA1-TH1E16Y1SR20S1E	P.255				
						FA1-TH1E16Y1TR20S1E	P.250				
			Screw	Module mixing possible	Independent	Independent	FA1-TH1E16Y2RA20S			P.264	
							FA-THE16YTH11S			P.274	
FA-THE16YTR20S	P.277										
Transistor, 1.0A (source)	Module replaceable	1-wire type		FA-THE16YTH11S	P.274						
Transistor, 1.0A	Module mixing possible	Independent		FA-THE16YTR20S	P.277						
LY41NT1P LY42NT1P	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153		
					1-wire type	FA-TB32XY	P.126				
					1-wire type	FA-TB32XYL	P.127				
				Small-size terminal block	1-wire type	FA-TB32XY	P.127				
				LED	1-wire type	FA-TB32XYL	P.127				
				3-row terminal block	2-wire type	FA-TB32XYP3	P.128				
				Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1	P.131				
				Distributed 8-point (8 to F)		FA-TB8XY2	P.131				
				Distributed 8-point (10 to 17)		FA-TB8XY3	P.131				
				Distributed 8-point (18 to 1F)		FA-TB8XY4	P.131				
				Distributed 16-point (0 to F)	3-wire type	FA-TB16XY1	P.132				
				Distributed 16-point (10 to 1F)		FA-TB16XY2	P.132				
			One-touch connector	Module selectable type	3-wire type	FA-CB8XY1	P.139			FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163
						FA-CB8XY2	P.139				
						FA-CB8XY3	P.139				
		FA-CB8XY4				P.139					
		FA-CB16XY1				P.140					
		e-CON	Module mixing possible	Independent	Independent	FA-CB16XY2	P.140	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.153 P.163		
						FA-LEB32XY	P.143				
						FA-LEB32XY-3	P.143				
	FA-LEB32XY-3A					P.143					
	FA-LEB16XY					P.142					
	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155		
					1-wire type	FA-TB16XY	P.126				
					3-wire type	FA-TB16XYPN	P.128				
				3-row terminal block	3-wire type	FA-TB16XYPN3	P.129				
					3-wire type	FA-LEB16XY	P.142				
		e-CON	Module mixing possible	Independent	Independent	FA-LEB16XY-D	P.142				
								3-wire type	FA-LEB16XY-D	P.142	
								3-wire type	FA-LEB16XY-D	P.142	
							3-wire type	FA-LEB16XY-D	P.142		
							3-wire type	FA-LEB16XY-D	P.142		
Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.154 P.155 P.166			
					Mountable module: slim type ▶	P.282					
					FA1-TH8Y2SC20S1E	P.248					
					Mountable module: slim type ▶	P.282					
					FA1-TH16Y2SC20S1E	P.257					
		N/O contact relay	Module mixing possible	Independent	Independent	Mountable module: slim type ▶	P.282				
						FA1-TH16Y2RA20S1E	P.252				
						FA1-TH16Y1SR20S1E	P.254				
						FA1-TH16Y1TR20S1E	P.256				
						FA1-TH16Y1TR20S1E	P.256				

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

Programmable controller module model	Unit type					Model		Connection cable				
LY41NT1P LY42NT1P	Digital signal converter (terminal module)	Screw	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155			
					2-wire type	FA-TH16YRA21	P.259					
					Independent	FA-TH16YRA20	P.260					
				Module mixing possible	1-wire type	FA-TH16YRA11S	P.261					
					2-wire type	FA-TH16YRA21S	P.262					
					Independent	FA-TH16YRA20S	P.263					
			N/C contact relay	Module mixing possible	Independent	FA-TH16YRA20SL	P.265					
					Independent	FA-TH16YRAB20SL	P.266					
					Independent	FA-TH16YRAC20S	P.267					
			C/O contact relay	Module replaceable	1-wire type	FA-TH16YSR11S	P.268					
					2-wire type	FA-TH16YSR21S	P.269					
					Independent	FA-TH16YSR20S	P.270					
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YTL11S	P.271					
					2-wire type	FA-TH16YTL21S	P.272					
					Independent	FA-TH16YTH11S	P.273					
	Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTR20S	P.275							
			Independent	FA-TH16Y2TR20	P.276							
	Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTR20S	P.275							
			Independent	FA-TH16Y2TR20	P.276							
	Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275							
			Independent	FA-TH16Y2TR20	P.276							
	Transistor, 2.0A	Module mixing possible	Independent	FA-TH16Y2TR20	P.276							
			Independent	FA-TH16Y2TR20	P.276							
Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179					
	Screw			FA-TBS40P	P.137							
Discrete cable								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151			
Spring clamp terminal block conversion module (only for the LY41NT1P)						FA1-TE40PA	P.125					
LY41PT1P LY42PT1P	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.153			
			Small-size terminal block	1-wire type	FA-TB32XY	P.126						
				1-wire type	FA-TBS32XY	P.127						
				1-wire type	FA-TB32XYH	P.127						
				2-wire type	FA-TB32XYN3	P.128						
				Distributed 8-point (0 to 7)	FA-TB8XY1	P.131						
					Distributed 8-point (8 to F)	FA-TB8XY2	P.131					
						Distributed 8-point (10 to 17)	FA-TB8XY3			P.131		
							Distributed 8-point (18 to 1F)			FA-TB8XY4	P.131	
				Distributed 16-point (0 to F)						FA-TB16XY1N	P.130	
					Distributed 16-point (10 to 1F)					FA-TB16XY2N	P.130	
			Distributed 16-point (0 to F)			FA-TB16XY1				P.132		
						Distributed 16-point (10 to 1F)	FA-TB16XY2			P.132		
				One-touch connector			Distributed 8-point (0 to 7)			FA-CB8XY1	P.139	
					Distributed 8-point (8 to F)					FA-CB8XY2	P.139	
			Distributed 8-point (10 to 17)							FA-CB8XY3	P.139	
						Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139			
							Distributed 16-point (0 to F)	FA-CB16XY1	P.140			
					Distributed 16-point (10 to 1F)			FA-CB16XY2	P.140			
			e-CON					3-wire type	FA-LEB32XY	P.143		
						FA-LEB32XY-3			P.143			
				FA-LEB32XY-3A			P.143					
					Junction terminal block	Spring clamp	1-wire type		FA1-TE2SV16XY	P.121	FA-CBL**FM2V FA-CBL**FM2LV	P.154 P.155
			Screw	1-wire type			FA-TB16XY	P.126				
				3-row terminal block			3-wire type	FA-TB16XYPN	P.128			
			e-CON				3-wire type	FA-TB16XYPN3	P.129			
				FA-LEB16XY		P.142						
			DIN rail installation only	3-wire type		FA-LEB16XY-D	P.142					
				Digital signal converter (terminal module)		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)
			Mountable module: slim type ▶							P.282		
			FA1-TH1E8Y2SC20S1E		P.248							
			Mountable module: slim type ▶		P.282							
	FA1-TH1E16Y2SC20S1E	P.251										
	Mountable module: slim type ▶	P.282										
	Screw	N/O contact relay	Module mixing possible		Independent	FA1-TH1E16Y2RA20S1E	P.253					
					Independent	FA1-TH1E16Y1SR20S1E	P.255					
					Independent	FA1-TH1E16Y1TR20S1E	P.250					
		N/O contact relay	Module mixing possible		Independent	FA1-TH1E16Y2RA20S	P.264					
					1-wire type	FA-THE16YTH11S	P.274					
					Independent	FA-THE16YTR20S	P.277					
	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMV-M	P.179				
		Screw			FA-TBS40P	P.137						
	Discrete cable								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.150 P.151 P.151 P.151		
	Spring clamp terminal block conversion module (only for the LY41PT1P)						FA1-TE40PA	P.125				
	LH42C4NT1P For the input side, refer to the specifications of the LX41C4. For the output side, refer to the specifications of the LY41NT1P.											
	LH42C4PT1P For the input side, refer to the specifications of the LX41C4. For the output side, refer to the specifications of the LY41PT1P.											
	L02SCPU L02SCPU-P L02CPU L02CPU-P L06CPU L06CPU-P L26CPU L26CPU-P L26CPU-BT L26CPU-PBT	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-SCBL**FMV-M	P.194			
			Screw			FA-TBS40P	P.137					
		Junction terminal block	Screw	Conversion of positioning pulse output to differential driver output			FA-PT1LBD	P.198	FA-SCBL10FM2LV-LB	P.210		
		Junction terminal block	Screw				FA-LTB20P	P.138	FA-SCBL10FM2LV-LB	P.210		

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

MELSEC-L series <Analog modules>

Programmable controller module type	Programmable controller module model	Unit type			Model				Connection cable										
					Mountable module														
Analog input module	L60ADVL8	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE	P.290	Input modules for analog signal converter			FA-CBL**ATF Cable for distributed installation FA1-CB2L**AT4EX	P.304 P.319							
						8-channel installation base unit FA1-AT1B8X1TE	P.292	Voltage input 0 to 5V 1 to 5V -10 to 10V	FA-ATSVM1XV05 FA-ATSVM1XV15 FA-ATSVM1XV1010	P.296 P.296 P.296									
								Current input 4 to 20mA	FA-ATSVM1XA420	P.297									
								Distributor 4 to 20mA	FA-ATSVM1XD	P.298									
						4-channel installation base unit FA1-AT1B4X1TB	P.290	RTD input -200 to +650°C 0 to +100°C 0 to +200°C -200 to +600°C	FA-ATSVM1XRPT FA-ATSVM1XRPT0010 FA-ATSVM1XRPT0020 FA-ATSVM1XRJPT	P.299 P.299 P.299 P.299									
								Thermocouple input +600 to +1700°C 0 to +1600°C 0 to +1600°C -200 to +1200°C 0 to +400°C 0 to +600°C 0 to +800°C	FA-ATSVM1XTB FA-ATSVM1XTR FA-ATSVM1XTS FA-ATSVM1XTK FA-ATSVM1XTK0040 FA-ATSVM1XTK0060 FA-ATSVM1XTK0080	P.300 P.300 P.300 P.300 P.300 P.300 P.300									
								-200 to +900°C -40 to +750°C -200 to +350°C -200 to +1250°C CT 0 to 600VAC Pass-through module Dummy module	FA-ATSVM1XTE FA-ATSVM1XTJ FA-ATSVM1XTT FA-ATSVM1XTN FA1-AT1CT-1-5 FA-ATFTMX FA-ATNDM5	P.300 P.300 P.300 P.300 P.305 P.317 P.318									
						L60ADIL8	Analog signal converter	Input to the programmable controller: 4 to 20mA	Screw	Module selectable type			Installation base unit FA-ATKB8XTB	P.294	Input modules for analog signal converter			FA-CBL**ATF	P.304
													Adapter FA-ATKAA8XM	P.295					
Analog output module	L60DA4	Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter			FA-CBL**ATYF Cable for distributed installation FA1-CB2L**AT4EX	P.316 P.319							
						8-channel installation base unit FA1-AT1B8Y1TE	P.308	(The programmable controller outputs voltage.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSVM1YV05 FA-ATSVM1YV010 FA-ATSVM1YV15 FA-ATSVM1YV1010	P.308 P.308 P.308 P.308									
								Current output 0 to 20mA 4 to 20mA	FA-ATSVM1YA020 FA-ATSVM1YA420	P.309 P.309									
								Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5	P.313 P.314									
						4-channel installation base unit FA1-AT1B4Y1TB	P.306	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306									
									Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420			P.307 P.307						
									Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5			P.313 P.314						
						L60DAVL8	Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type			4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter			FA-CBL**ATYF Cable for distributed installation FA1-CB2L**AT4EX	P.316 P.319
													8-channel installation base unit FA1-AT1B8Y1TE	P.308	(The programmable controller outputs voltage.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306		
															Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420	P.307 P.307		
	Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5	P.313 P.314																
	4-channel installation base unit FA1-AT1B4Y1TB	P.306	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306														
				Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420						P.307 P.307								
				Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5						P.313 P.314								
	L60DAIL8	Analog signal converter	Output from the programmable controller: 4 to 20mA	Spring clamp	Module selectable type						4-channel installation base unit FA1-AT1B4Y1TE	P.306	Output modules for analog signal converter			FA-CBL**ATYF Cable for distributed installation FA1-CB2L**AT4EX	P.316 P.319		
											8-channel installation base unit FA1-AT1B8Y1TE	P.308	(The programmable controller outputs voltage.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306				
													Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420	P.307 P.307				
						Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5	P.313 P.314											
						4-channel installation base unit FA1-AT1B4Y1TB	P.306	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306									
									Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420	P.307 P.307								
Pass-through module Dummy module									FA-ATFTMX FA-ATNDM5	P.313 P.314									
8-channel installation base unit FA-ATB8YTB						P.308	Output modules for analog signal converter (The programmable controller outputs current.) Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010	P.306 P.306 P.306 P.306										
								Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YA020 FA-ATSAM1YA420	P.307 P.307									
								Pass-through module Dummy module	FA-ATFTMX FA-ATNDM5	P.313 P.314									

MELSEC-L series <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 modules	
Positioning module (differential driver output system)	LD75D1	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors		FA-CBLQ75M2J3-1	P.200				
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75M2J2-1	P.202				
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable	With pulse generator	FA-CBLQ75G2-1	P.206				
					FA-CBLQ75G2-1P	P.206				
		Spring clamp terminal block conversion module			FA1-TE40PA	P.125	-			
	LD75D2 LD75D4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors	With pulse generator	FA-CBLQ75M2J3	P.200				
					FA-CBLQ75M2J3-P	P.200				
		MR-J2-A series MR-J2S-A series	Cable with connectors	With pulse generator	FA-CBLQ75M2J2	P.202				
					FA-CBLQ75M2J2-P	P.202				
		YASKAWA Σ-III series Σ-V series	Cable with connectors		FA-CBLQ75Y2E3	P.205				
		YASKAWA Σ-II series Σ-II PLUS series	Cable with connectors		FA-CBLQ75Y2E2	P.204				
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable	With pulse generator	FA-CBLQ75G2	P.206				
					FA-CBLQ75G2-P	P.206				
		Spring clamp terminal block conversion module (only for the LD75D2)			FA1-TE40PA	P.125	-			
Positioning module (open collector output system)	LD75P1	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors		FA-CBLQ75PM2J3-1	P.200				
		MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J2-1	P.202				
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable	With pulse generator	FA-CBLQ75G2-1	P.206				
					FA-CBLQ75G2-1P	P.206				
		Spring clamp terminal block conversion module			FA1-TE40PA	P.125	-			
	LD75P2 LD75P4	MR-J5-A series MR-J4-A series MR-J3-A series	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7PM1J3	P.207	FA-CBL**Q7	P.207
			Cable with connectors		FA-CBLQ75PM2J3	P.201				
			MR-J2-A series MR-J2S-A series	Cable with connectors		FA-CBLQ75PM2J2	P.202			
		For general-purpose stepping motors and servo amplifiers	Junction terminal block	Screw	FA-LTBQ75DP	P.196	FA-CBLQ7DG1	P.207	FA-CBL**Q7	P.207
			General-purpose discrete cable	With pulse generator	FA-CBLQ75G2	P.206				
					FA-CBLQ75G2-P	P.206				
		Spring clamp terminal block conversion module (only for the LD75P2)			FA1-TE40PA	P.125	-			

MELSEC-L series <High-speed counter modules>

Programmable controller module model	Unit type		Model		Connection cable	
LD62 LD62D	Junction terminal block	Spring clamp	FA1-TE2SD40P	P.122	FA-SCBL**FMV-M	P.194
		Screw	FA-TBS40P	P.137		
	Spring clamp terminal block conversion module		FA1-TE40PA	P.125	-	

CC-Link IE TSN <I/O modules>

Programmable controller module model		Unit type					Model		Connection cable		
NZ2GN2B1-32D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166	
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.281			
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E	P.228			
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E	P.230			
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E	P.228			
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E	P.230			
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-CBL**M20 FA-CBL**YM20	P.160 P.161	
				24VDC, 10mA	Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E	P.232			
				48VDC, 5mA			FA-TH16XRA20S	P.236			
				100VDC, 2.5mA			FA-TH16X24D31	P.237			
				100VAC, 8mA			FA-TH16X24D31L	P.238			
				200VAC, 7.5mA			FA-TH16X48D31L	P.239			
NZ2GN2S1-16D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA3-CB1L**EM1F18X FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.281			
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E	P.228			
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E	P.230			
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E	P.228			
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E	P.230			
			Discrete cable	0.75mm ² type (8A max.)	Module mixing possible	2-wire type	FA1-TH16X24RA1L20S1E	P.232	FA3-CB1L**EM1F18X	P.149	
				0.3mm ² type (4A max.)			FA1-TH16X24RA1H20S1E	P.232			
				NZ2GN2S1-16T	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶
24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module: slim type ▶					P.248 P.282			
24VDC, N/O contact relay (negative common)			FA1-TH16Y2SC20S1E					P.257			
24VDC, N/O contact relay (positive common)			FA1-TH16Y2SC20S1E					P.257			
24VDC, N/O contact relay (negative common)			FA1-TH16Y1SR20S1E					P.254			
24VDC, N/O contact relay (negative common)			FA1-TH16Y1TR20S1E					P.256			
Discrete cable	0.75mm ² type (8A max.)	Module mixing possible	Independent				FA1-TH16Y1SR20S1E	P.254	FA3-CB1L**EM1F18Y	P.149	
	0.3mm ² type (4A max.)						FA1-TH16Y1TR20S1E	P.256			
	NZ2GN2S1-16TE	Positive common	Digital signal converter (terminal module)				Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶
24VDC, N/O contact relay (positive common)				Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶		P.248 P.282			
24VDC, N/O contact relay (negative common)						FA1-TH1E16Y2SC20S1E		P.251			
24VDC, N/O contact relay (positive common)						FA1-TH1E16Y2SC20S1E		P.251			
24VDC, N/O contact relay (negative common)						FA1-TH1E16Y1SR20S1E		P.255			
24VDC, N/O contact relay (negative common)						FA1-TH1E16Y1TR20S1E		P.250			
Discrete cable				0.75mm ² type (8A max.)	Module mixing possible	Independent	FA1-TH1E16Y1SR20S1E	P.255	FA3-CB1L**EM1F18Y	P.149	
				0.3mm ² type (4A max.)			FA1-TH1E16Y1TR20S1E	P.250			
				NZ2GN2S1-32D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶
24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶					P.234 P.281			
24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E					P.228			
24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E					P.230			
24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E					P.228			
24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1H20S1E					P.230			
Discrete cable	0.75mm ² type (8A max.)	Module mixing possible	2-wire type				FA1-TH16X24RA1L20S1E	P.232	FA3-CB1L**EM2F34X	P.149	
	0.3mm ² type (4A max.)						FA1-TH16X24RA1H20S1E	P.232			
	NZ2GN2S1-32D	Positive common	Digital signal converter (terminal module)				Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶
24VDC, N/O contact relay (positive common)				Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶		P.234 P.281			
24VDC, N/O contact relay (negative common)						FA1-TH4X24RA1L20S1E		P.228			
24VDC, N/O contact relay (positive common)						FA1-TH8X24RA1L20S1E		P.230			
24VDC, N/O contact relay (negative common)						FA1-TH4X24RA1H20S1E		P.228			
24VDC, N/O contact relay (positive common)						FA1-TH8X24RA1H20S1E		P.230			
Discrete cable				0.75mm ² type (8A max.)	Module mixing possible	2-wire type	FA1-TH16X24RA1L20S1E	P.232	FA3-CB1L**EM2F34X	P.149	
				0.3mm ² type (4A max.)			FA1-TH16X24RA1H20S1E	P.232			

Programmable controller module model		Unit type				Model		Connection cable		
NZ2GN2S1-32T	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
						Mountable module: slim type ▶	P.282			
			N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E	P.248			
						Mountable module: slim type ▶	P.282			
	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)				FA1-TH16Y2SC20S1E	P.257	FA3-CB1L**EM2F34Y	P.149	
						Mountable module: slim type ▶	P.282			
FA1-TH16Y2RA20S1E						P.252				
					FA1-TH16Y1SR20S1E	P.254				
					FA1-TH16Y1TR20S1E	P.256				
NZ2GN2S1-32TE	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
						Mountable module: slim type ▶	P.282			
			N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E	P.248			
						Mountable module: slim type ▶	P.282			
	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)				FA1-TH16Y2SC20S1E	P.257	FA3-CB1L**EM2F34Y	P.149	
						Mountable module: slim type ▶	P.282			
FA1-TH16Y2RA20S1E						P.252				
					FA1-TH16Y1SR20S1E	P.254				
					FA1-TH16Y1TR20S1E	P.256				
NZ2GN2S1-32DT	Input side	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166
							Mountable module: function type ▶	P.281		
				Module mixing possible	Independent	FA1-TH8X2SC20S1E	P.234			
						Mountable module: function type ▶	P.281			
						FA1-TH4X24RA1L20S1E	P.228			
						FA1-TH8X24RA1L20S1E	P.230			
	Output side	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X24RA1H20S1E	P.228	FA3-CB1L**EM2F34Y	P.149
							Mountable module: slim type ▶	P.282		
				N/O contact relay	Module mixing possible	Independent	FA1-TH8X24RA1H20S1E	P.230		
							Mountable module: slim type ▶	P.282		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232		
							Mountable module: slim type ▶	P.282		
	24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.232					
Mountable module: slim type ▶				P.282						
Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)				FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149		
					FA1-TH4Y2SC20S1E	P.246	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166		
					Mountable module: slim type ▶	P.282				
					FA1-TH8Y2SC20S1E	P.248	FA3-CB1L**EM2F34Y	P.149		
					Mountable module: slim type ▶	P.282				
					FA1-TH16Y2SC20S1E	P.257	FA1-CB3L07SQ**E1F34 FA1-CB3L03SQ**E1F34	P.148 P.148		
					Mountable module: slim type ▶	P.282				
FA1-TH16Y2RA20S1E	P.252									
FA1-TH16Y1SR20S1E	P.254									
FA1-TH16Y1TR20S1E	P.256									
NZ2GN2S1-32DTE	Input side	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149
		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149
	Output side	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166
							Mountable module: slim type ▶	P.282		
				Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E	P.248			
						Mountable module: slim type ▶	P.282			
						FA1-TH1E16Y2SC20S1E	P.251			
						Mountable module: slim type ▶	P.282			
	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)				FA1-TH1E16Y2RA20S1E	P.253	FA3-CB1L**EM2F34Y	P.149	
						FA1-TH1E16Y1SR20S1E	P.255			
FA1-TH1E16Y1TR20S1E						P.250	FA1-CB3L07SQ**E1F34 FA1-CB3L03SQ**E1F34			P.148 P.148
NZ2GNCF1-32D	Positive common	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMH FA-FCBL**FMH FA-CBL**FMH FA-FCBL**FMH (for distributed installation)	P.177 P.178 P.177 P.178 P.163
				Small-size terminal block	1-wire type	FA-TB32XY	P.126			
					LED	1-wire type	FA-TBS32XY	P.127		
				3-row terminal block	1-wire type	FA-TB32XYL	P.127			
					Distributed 8-point (0 to 7)	2-wire type	FA-TB32XYN3	P.128		
				Distributed 8-point (8 to F)	3-wire type	FA-TB8XY1	P.131			
						FA-TB8XY2	P.131			
				Distributed 8-point (10 to 17)	3-wire type	FA-TB8XY3	P.131			
						FA-TB8XY4	P.131			
				Distributed 8-point (18 to 1F)	3-wire type	FA-TB16XY1N	P.130			
						FA-TB16XY2N	P.130			
				Distributed 16-point (0 to F)	2-wire type	FA-TB16XY1	P.132			
						FA-TB16XY2	P.132			
				Distributed 16-point (10 to 1F)	3-wire type	FA-TB16XY2	P.132			
FA-TB16XY2	P.132									

Programmable controller module model		Unit type				Model		Connection cable		
NZ2GNC F1-32D	Positive common	Junction terminal block	One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.139	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163	
				Distributed 8-point (8 to F)		FA-CB8XY2	P.139			
				Distributed 8-point (10 to 17)		FA-CB8XY3	P.139			
				Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139			
				Distributed 16-point (0 to F)	3-wire type	FA-CB16XY1	P.140			
				Distributed 16-point (10 to 1F)		FA-CB16XY2	P.140			
		e-CON	3-wire type	FA-LEB32XY	P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178			
				FA-LEB32XY-3	P.143					
				FA-LEB32XY-3A	P.143					
			Junction terminal block	Spring clamp	1-wire type			FA1-TE2SV16XY	P.121	FA-CBL**FM2H FA-CBL**FM2LH
		Screw		1-wire type	FA-TB16XY	P.126				
				3-wire type	FA-TB16XYPN	P.128				
					FA-TB16XYPN3	P.129				
		e-CON	3-wire type	FA-LEB16XY	P.142	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
				DIN rail installation only	FA-LEB16XY-D			P.142		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA-CBL**FM2H FA-CBL**FM2LH FA-CBL**MMH20 (for distributed installation)	P.164 P.165 P.166
							FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.281		
				Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228			
						FA1-TH8X24RA1L20S1E	P.230			
						FA1-TH4X24RA1H20S1E	P.228			
	FA1-TH8X24RA1H20S1E					P.230				
	Screw		24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165	
						FA1-TH16X24RA1H20S1E	P.232			
			24VDC, 10mA	Module mixing possible	Independent	FA-TH16XRA20S	P.236	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165	
			48VDC, 5mA			FA-TH16X24D31	P.237			
			100VDC, 2.5mA			FA-TH16X24D31L	P.238			
			100VAC, 8mA			FA-TH16X48D31L	P.239			
200VAC, 7.5mA			FA-TH16X100D31			P.240				
			FA-TH16X100A31			P.241				
Common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180			
	Screw	FA-TBS40P		P.137						
Discrete cable							FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151		
NZ2GN2B1-32T	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶	P.246 P.282	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
							FA1-TH8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282		
				Module mixing possible	Independent	FA1-TH16Y2SR20S1E	P.252			
						FA1-TH16Y1SR20S1E	P.254			
						FA1-TH16Y1TR20S1E	P.256			
						Screw	N/O contact relay	Module replaceable		
			2-wire type	FA-TH16YRA21	P.259					
			Module replaceable	Independent	FA-TH16YRA20		P.260			
				1-wire type	FA-TH16YRA11S		P.261			
			Module replaceable	2-wire type	FA-TH16YRA21S		P.262			
				Module mixing possible	Independent		FA-TH16YRA20S	P.263		
			Module replaceable		Independent		FA-TH16YRA20SL	P.265		
				Module mixing possible	Independent		FA-TH16YRAB20SL	P.266		
			Module replaceable		Independent	FA-TH16YRAC20S	P.267			
		Triac, 1.0A		Module replaceable	1-wire type	FA-TH16YSR11S	P.268			
			2-wire type		FA-TH16YSR21S	P.269				
		Module mixing possible	Independent	FA-TH16YSR20S	P.270					
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S	P.271			
		2-wire type			FA-TH16YTL21S	P.272				
		Screw	Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273			
					FA-TH16YTR20S	P.275				
			Module mixing possible	Independent	FA-TH16YTR20S	P.276				
				Transistor, 2.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.276		
			FA-TH16YTR20S			P.276				
			Junction terminal block	Screw	Spring clamp	1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178
		Small-size terminal block			1-wire type	FA-TB32XY	P.126			
						FA-TBS32XY	P.127			
FA-TB32XYL	P.127									
FA-TB32XYP3	P.128									
Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1			P.131					
		FA-TB8XY2			P.131					
		FA-TB8XY3			P.131					
		FA-TB8XY4			P.131					
Distributed 8-point (10 to 17)	3-wire type	FA-TB8XY1			P.132					
		FA-TB16XY2			P.132					
		Distributed 16-point (0 to F)			3-wire type	FA-TB16XY1	P.132			
						FA-TB16XY2	P.132			
Distributed 16-point (10 to 1F)	3-wire type	FA-TB16XY1	P.132							
		FA-TB16XY2	P.132							

Programmable controller module model		Unit type					Model		Connection cable			
NZ2GNCF1-32T	Sink output	Junction terminal block	One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.139	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163			
				Distributed 8-point (8 to F)		FA-CB8XY2	P.139					
				Distributed 8-point (10 to 17)		FA-CB8XY3	P.139					
				Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139					
				Distributed 16-point (0 to F)		FA-CB16XY1	P.140					
			Distributed 16-point (10 to 1F)	FA-CB16XY2	P.140							
			e-CON	3-wire type	FA-LEB32XY	P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178				
					FA-LEB32XY-3	P.143						
					FA-LEB32XY-3A	P.143						
			Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
		Screw		1-wire type	FA-TB16XY	P.126						
				3-wire type	FA-TB16XYPN	P.128						
		3-row terminal block		3-wire type	FA-TB16XYPN3	P.129						
		e-CON		3-wire type	FA-LEB16XY	P.142						
				DIN rail installation only	3-wire type	FA-LEB16XY-D	P.142					
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**FM2H FA-CBL**FM2LH FA-CBL**MMH20 (for distributed installation)	P.164 P.165 P.166		
							Mountable module: slim type ▶	P.282				
							FA1-TH8Y2SC20S1E	P.248				
							Mountable module: slim type ▶	P.282				
				N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2SC20S1E	P.257	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165		
							Mountable module: slim type ▶	P.282				
							N/O contact relay	Independent			FA1-TH1E16Y2RA20S1E	P.253
							Triac, 1.0A	Independent			FA1-TH1E16Y1SR20S1E	P.255
							Transistor, 1.0A	Independent			FA1-TH1E16Y1TR20S1E	P.250
							Screw	N/O contact relay			Module replaceable	1-wire type
			2-wire type	FA-TH16YRA21	P.259							
			Independent	FA-TH16YRA20	P.260							
			Module replaceable	1-wire type	FA-TH16YRA11S	P.261						
			Module replaceable	2-wire type	FA-TH16YRA21S	P.262						
			Module mixing possible	Independent	FA-TH16YRA20S	P.263						
			N/C contact relay	Module mixing possible	Independent	FA-TH16YRA20SL		P.265				
					Independent	FA-TH16YRAB20SL		P.266				
			C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S		P.267				
					1-wire type	FA-TH16YSR11S		P.268				
			Triac, 1.0A	Module replaceable	2-wire type	FA-TH16YSR21S		P.269				
					Module mixing possible	Independent		FA-TH16YSR20S			P.270	
	Transistor, 1.0A (sink)		Module replaceable	1-wire type	FA-TH16YTL11S	P.271						
				2-wire type	FA-TH16YTL21S	P.272						
	Transistor, 1.0A (source)		Module replaceable	1-wire type	FA-TH16YTH11S	P.273						
		Independent		FA-TH16YTR20S	P.275							
	Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20	P.276							
			Independent	FA-TH16YTR20	P.276							
	Common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180				
			Screw	1-wire type	FA-TBS40P	P.137						
		Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151				
			For the input side, refer to the specifications of the NZ2GN2B1-32D. For the output side, refer to the specifications of the NZ2GN2B1-32T.									
	NZ2GN2B1-32DT	I/O combined										
	NZ2GN2B1-32TE	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.244	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.162	
								Mountable module: slim type ▶	P.279			
FA1-TH1E8Y2SC20S1E								P.246				
Mountable module: slim type ▶								P.279				
N/O contact relay					Module mixing possible	Independent	FA1-TH1E16Y2SC20S1E	P.249	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
							Mountable module: slim type ▶	P.280				
Screw				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.251				
							FA1-TH1E16Y1SR20S1E	P.253				
							FA1-TH1E16Y1TR20S1E	P.248				
							FA1-TH1E16Y2RA20S	P.262				
Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-THE16YTH11S	P.272								
			Module mixing possible	Independent	FA-THE16YTR20S	P.275						
Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S	P.275								
		Independent	FA-THE16YTR20S	P.275								
NZ2GN2B1-32DTE	I/O combined	The input side cannot be used. For the output side, refer to the specifications of the NZ2GN2B1-32TE.										

CC-Link IE TSN <I/O modules with safety functions>

Programmable controller module model	Unit type		Model	Connection cable	
NZ2GNSS2-8D	Discrete cable	0.75mm ² type (8A max.)		FA1-CB3L07SQ**E1F40	P.148
NZ2GNSS2-8TE		0.3mm ² type (4A max.)			
NZ2GNSS2-16DTE				FA1-CB3L03SQ**E1F40	P.148

CC-Link IE TSN <Analog modules>

Programmable controller module model		Unit type			Model			Connection cable				
					Mountable module							
Analog input module	NZ2GN2S-60AD4	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter			FA3-CB2L**AT4XV1E P.302		
						Screw	8-channel installation base unit FA1-AT1B8X1TE P.292	Voltage input	FA-ATSVM1XV05 P.296			
								0 to 5V	FA-ATSVM1XV15 P.296			
								-10 to 10V	FA-ATSVM1XV1010 P.296			
								Current input	FA-ATSVM1XA420 P.297			
								4 to 20mA	FA-ATSVM1XD P.298			
								Distributor	FA-ATSVM1XRPT P.299			
								4 to 20mA	FA-ATSVM1XRPT0010 P.299			
								RTD input	FA-ATSVM1XRPT0020 P.299			
								-200 to +650°C	FA-ATSVM1XRJPT P.299			
0 to +100°C												
0 to +200°C												
-200 to +600°C												
Thermocouple input	FA-ATSVM1XTB P.300											
+600 to +1700°C	FA-ATSVM1XTR P.300											
0 to +1600°C	FA-ATSVM1XTS P.300											
0 to +1600°C	FA-ATSVM1XTK P.300											
-200 to +1200°C	FA-ATSVM1XTK0040 P.300											
0 to +400°C	FA-ATSVM1XTK0060 P.300											
0 to +600°C	FA-ATSVM1XTK0080 P.300											
0 to +800°C	FA-ATSVM1XTE P.300											
-200 to +900°C	FA-ATSVM1XTJ P.300											
-40 to +750°C	FA-ATSVM1XTT P.300											
-200 to +350°C	FA-ATSVM1XTN P.300											
-200 to +1250°C												
CT	FA1-AT1CT-1-5 P.305											
0 to 600VAC	FA-ATFTMX P.317											
Pass-through module	FA-ATNDM5 P.318											
Dummy module												
Analog output module	NZ2GN2B-60AD4	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter			FA-CBL**ATF P.304		
						Screw					8-channel installation base unit FA1-AT1B8Y1TE P.308	
												4-channel installation base unit FA1-AT1B4X1TB P.290
												8-channel installation base unit FA-ATB8XTB P.292
												Installation base unit FA-ATKB8XTB P.294
												+ Adapter FA-ATKAA8XM P.295
												0 to 600VAC
												FA1-AT1CT-1-5
												FA-ATFTMX
												FA-ATNDM5
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												
FA-ATFTMX												
FA-ATNDM5												
0 to 600VAC												
FA1-AT1CT-1-5												

CC-Link IE Field Basic <I/O modules>

Programmable controller module model		Unit type					Model		Connection cable			
NZ2MFB1-32D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166			
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281					
							FA1-TH4X24RA1L20S1E P.228					
							FA1-TH8X24RA1L20S1E P.230					
							FA1-TH4X24RA1H20S1E P.228					
				24VDC, N/O contact relay (negative common)	Independent	FA1-TH8X24RA1H20S1E P.230						
				24VDC, N/O contact relay (positive common)		FA1-TH16X24RA1L20S1E P.232						
				24VDC, N/O contact relay (negative common)	FA1-TH16X24RA1H20S1E P.232							
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S P.236	FA-CBL**M20 FA-CBL**YM20	P.160 P.161			
				24VDC, 10mA	2-wire type	Independent	FA-TH16X24D31 P.237					
				48VDC, 5mA			FA-TH16X48D31L P.239					
				100VDC, 2.5mA	2-wire type	FA-TH16X100D31L P.240						
				100VAC, 8mA	2-wire type	FA-TH16X100A31 P.241						
				200VAC, 7.5mA	2-wire type	FA-TH16X100A31L P.242						
						FA-TH16X200A31 P.243						
						FA-TH16X200A31L P.244						
NZ2MFB1-32T	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶ P.246 P.282	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166			
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module: slim type ▶ P.248 P.282					
							FA1-TH16Y2SC20S1E Mountable module: slim type ▶ P.257 P.282					
							FA1-TH16Y2RA20S1E P.252					
							FA1-TH16Y1SR20S1E P.254					
				Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E P.256			FA-CBL**M20 FA-CBL**YM20	P.160 P.161	
				Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E P.256					
				Screw	N/O contact relay	Module replaceable	1-wire type					FA-TH16YRA11 P.258
			2-wire type				FA-TH16YRA21 P.259					
			Independent				FA-TH16YRA20 P.260					
			1-wire type				FA-TH16YRA11S P.261					
			Module replaceable		2-wire type	FA-TH16YRA21S P.262						
			Independent		FA-TH16YRA20S P.263							
			Module mixing possible		Independent	FA-TH16YRA20SL P.265						
			N/C contact relay		Module mixing possible	Independent	FA-TH16YRAB20SL P.266					
			C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S P.267						
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S P.268						
					2-wire type	FA-TH16YSR21S P.269						
					Independent	FA-TH16YSR20S P.270						
					1-wire type	FA-TH16YTL11S P.271						
			Transistor, 1.0A (sink)	Module replaceable	2-wire type	FA-TH16YTL21S P.272						
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S P.273						
			Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S P.275						
			Transistor, 2.0A		Independent	FA-TH16Y2TR20 P.276						
			NZ2MFB1-32DT	I/O combined	For the input side, refer to the specifications of the NZ2MFB1-32D. For the output side, refer to the specifications of the NZ2MFB1-32T.							
			NZ2MFB1-32TE1	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E P.246 Mountable module: slim type ▶ P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
							N/O contact relay	Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E P.248		
										FA1-TH1E16Y2SC20S1E P.251		
Mountable module: slim type ▶ P.282												
Screw	N/O contact relay	Module mixing possible				Independent	FA1-TH1E16Y2RA20S1E P.253	FA-CBL**M20 FA-CBL**YM20	P.160 P.161			
	Transistor, 1.0A (source)	Module replaceable				1-wire type	FA-THE16YTH11S P.274					
	Transistor, 1.0A	Module mixing possible				Independent	FA-THE16YTR20S P.277					
	Transistor, 1.0A	Module mixing possible				Independent	FA-THE16YTR20S P.277					
NZ2MFB1-32DTE1	I/O combined	The input side cannot be used. For the output side, refer to the specifications of the NZ2MFB1-32TE1.										
NZ2MF2S1-32D	Positive common	Digital signal converter (terminal module)	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY P.121	FA3-CB1L**EM2F34X	P.149			
			Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA3-CB1L**EM2F34X FA-CBL**MMH20 (for distributed installation)	P.149 P.166			
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281					
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228					
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230					
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228					
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1H20S1E P.230					
				24VDC, N/O contact relay (negative common)	FA1-TH16X24RA1L20S1E P.232							
				24VDC, N/O contact relay (negative common)	FA1-TH16X24RA1H20S1E P.232							

Programmable controller module model		Unit type					Model		Connection cable		
NZ2MF2S1-32D	Positive common	Digital signal converter (terminal module)	Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.236	FA3-CB1L**EM2F34X	P.149	
				24VDC, 10mA			2-wire type	FA-TH16X24D31			P.237
				48VDC, 5mA			2-wire type	FA-TH16X24D31L			P.238
				100VDC, 2.5mA			2-wire type	FA-TH16X48D31L			P.239
				100VAC, 8mA			2-wire type	FA-TH16X100D31L			P.240
				100VAC, 8mA			2-wire type	FA-TH16X100A31			P.241
				200VAC, 7.5mA			2-wire type	FA-TH16X100A31L			P.242
	200VAC, 7.5mA			2-wire type	FA-TH16X200A31	P.243					
	200VAC, 7.5mA			2-wire type	FA-TH16X200A31L	P.244					
			Discrete cable	0.75mm ² type (8A max.)							FA1-CB3L07SQ**E1F34
		0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F34	P.148			
NZ2MF2S1-32T		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
							Mountable module: slim type ▶				P.282
							FA1-TH8Y2SC20S1E	P.248			
							Mountable module: slim type ▶				P.282
				FA1-TH16Y2SC20S1E		P.257					
				Mountable module: slim type ▶		P.282					
				N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252			
			Independent			FA1-TH16Y1SR20S1E	P.254				
			Independent			FA1-TH16Y1TR20S1E	P.256				
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258			
						2-wire type	FA-TH16YRA21	P.259			
						Independent	FA-TH16YRA20	P.260			
				N/C contact relay	Module mixing possible	Independent	FA-TH16YRA11S	P.261			
						Independent	FA-TH16YRA21S	P.262			
						Independent	FA-TH16YRA20S	P.263			
				C/O contact relay	Module replaceable	Independent	FA-TH16YRA20SL	P.265			
						Independent	FA-TH16YRAB20SL	P.266			
						Independent	FA-TH16YRAC20S	P.267			
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S	P.268				
		2-wire type			FA-TH16YSR21S	P.269					
Independent	FA-TH16YSR20S	P.270									
Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S	P.271							
		2-wire type	FA-TH16YTL21S	P.272							
		Independent	FA-TH16YTH11S	P.273							
Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTR20S	P.275							
		Independent	FA-TH16YTR20S	P.276							
		Independent	FA-TH16YTR20S	P.276							
		Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F34	P.148		
			0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F34	P.148		
NZ2MF2S1-32TE1		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
							Mountable module: slim type ▶				P.282
							FA1-TH1E8Y2SC20S1E	P.248			
							Mountable module: slim type ▶				P.282
				FA1-TH1E16Y2SC20S1E		P.251					
				Mountable module: slim type ▶		P.282					
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253			
			Independent			FA1-TH1E16Y1SR20S1E	P.255				
			Independent			FA1-TH1E16Y1TR20S1E	P.250				
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.264			
						1-wire type	FA-THE16YTH11S	P.274			
		Transistor, 1.0A (source)		Module replaceable	Independent	FA-THE16YTR20S	P.277				
Independent	FA-THE16YTR20S				P.277						
		Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F34	P.148		
			0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F34	P.148		
NZ2MF2S1-32DT	Input side	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
NZ2MF2S1-32DT		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E	P.234	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
							Mountable module: function type ▶				P.281
							FA1-TH8X2SC20S1E	P.234			
							Mountable module: function type ▶				P.281
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E	P.228			
						Independent	FA1-TH8X24RA1L20S1E	P.230			
						Independent	FA1-TH4X24RA1H20S1E	P.228			
				24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH8X24RA1H20S1E	P.230			
						Independent	FA1-TH16X24RA1L20S1E	P.232			
						Independent	FA1-TH16X24RA1H20S1E	P.232			
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.236			
						2-wire type	FA-TH16X24D31	P.237			
				24VDC, 10mA	2-wire type	FA-TH16X24D31L	P.238				
						FA-TH16X48D31L	P.239				
				100VDC, 2.5mA	2-wire type	FA-TH16X100D31L	P.240				
						FA-TH16X100A31	P.241				
				100VAC, 8mA	2-wire type	FA-TH16X100A31L	P.242				
						FA-TH16X200A31	P.243				
				200VAC, 7.5mA	2-wire type	FA-TH16X200A31L	P.244				

Programmable controller module model		Unit type				Model		Connection cable			
NZ2MF2S1-32DT	Output side	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149		
		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166		
						Mountable module: slim type ▶	P.282				
						FA1-TH8Y2SC20S1E	P.248				
			Mountable module: slim type ▶	P.282							
			FA1-TH16Y2SC20S1E	P.257	FA3-CB1L**EM2F34Y	P.149					
			Mountable module: slim type ▶	P.282							
			FA1-TH16Y2RA20S1E	P.252							
			FA1-TH16Y1SR20S1E	P.254							
			FA1-TH16Y1TR20S1E	P.256							
		Screw	N/O contact relay	Module replaceable			1-wire type			FA-TH16YRA11	P.258
							2-wire type			FA-TH16YRA21	P.259
							Independent			FA-TH16YRA20	P.260
			N/C contact relay	Module mixing possible			1-wire type			FA-TH16YRA11S	P.261
							2-wire type			FA-TH16YRA21S	P.262
							Independent			FA-TH16YRA20S	P.263
			C/O contact relay	Module replaceable			Independent	FA-TH16YRA20SL	P.265		
							Independent	FA-TH16YRAB20SL	P.266		
							Independent	FA-TH16YRAC20S	P.267		
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S	P.268				
					2-wire type	FA-TH16YSR21S	P.269				
					Independent	FA-TH16YSR20S	P.270				
			Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S	P.271				
					2-wire type	FA-TH16YTL21S	P.272				
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273				
					Independent	FA-TH16YTR20S	P.275				
	Transistor, 1.0A		Module mixing possible	Independent	FA-TH16Y2TR20	P.276					
	Transistor, 2.0A		Independent								
		Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)					FA1-CB3L07SQ**E1F34	P.148		
								FA1-CB3L03SQ**E1F34	P.148		
	NZ2MF2S1-32DTE1	Input side	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA3-CB1L**EM2F34Y	P.149	
		Output side	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY	P.121			
Digital signal converter (terminal module)			Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA3-CB1L**EM2F34Y FA-CBL**MMH20 (for distributed installation)	P.149 P.166	
							Mountable module: slim type ▶	P.282			
							FA1-TH1E8Y2SC20S1E	P.248			
				Mountable module: slim type ▶	P.282						
				FA1-TH1E16Y2SC20S1E	P.251						
				Mountable module: slim type ▶	P.282						
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253			
						Independent	FA1-TH1E16Y1SR20S1E	P.255			
						Independent	FA1-TH1E16Y1TR20S1E	P.250			
				Transistor, 1.0A (source)	Module replaceable	Independent	FA1-TH1E16Y2RA20S	P.264			
						1-wire type	FA-THE16YTH11S	P.274			
						Independent	FA-THE16YTR20S	P.277			
Transistor, 1.0A			Module mixing possible								
			Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)							FA1-CB3L07SQ**E1F34
							FA1-CB3L03SQ**E1F34	P.148			
NZ2MF2S2-16A NZ2MF2S2-16R		Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)					FA1-CB3L07SQ**E1F34	P.148		
								FA1-CB3L03SQ**E1F34	P.148		

CC-Link IE Field <I/O modules>

Programmable controller module model		Unit type				Model		Connection cable	
NZ2GF2B1N1-16D NZ2GF2B1-32D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-CBL**M20 FA-CBL**YM20	P.160 P.161
				24VDC, 10mA	Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA1-TH16X24RA1L20S1E P.236		
				100VDC, 2.5mA			FA1-TH16X24D31 P.237		
				100VAC, 8mA			FA1-TH16X24D31L P.238		
				200VAC, 7.5mA			FA1-TH16X48D31L P.239		
NZ2GFCF1-32D	Positive common	Junction terminal block	Spring clamp	Small-size terminal block LED 3-row terminal block	1-wire type	1-wire type	FA1-TE2SD32XY P.120	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178
							FA-TB32XY P.126		
							FA-TBS32XY P.127		
							FA-TB32XYL P.127		
							FA-TB32XYN3 P.128		
							FA-TB8XY1 P.131		
			Screw	Distributed 8-point (0 to 7)	3-wire type	3-wire type	FA-TB8XY2 P.131	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163
				Distributed 8-point (8 to F)			FA-TB8XY3 P.131		
				Distributed 8-point (10 to 17)			FA-TB8XY4 P.131		
				Distributed 8-point (18 to 1F)			FA-TB8XY1N P.130		
				Distributed 16-point (0 to F)	2-wire type	2-wire type	FA-TB16XY1N P.130		
				Distributed 16-point (10 to 1F)			FA-TB16XY2N P.130		
				Distributed 16-point (0 to F)	3-wire type	3-wire type	FA-TB16XY1 P.132		
				Distributed 16-point (10 to 1F)			FA-TB16XY2 P.132		
			One-touch connector	Distributed 8-point (0 to 7)	3-wire type	3-wire type	FA-CB8XY1 P.139		
				Distributed 8-point (8 to F)			FA-CB8XY2 P.139		
				Distributed 8-point (10 to 17)			FA-CB8XY3 P.139		
				Distributed 8-point (18 to 1F)			FA-CB8XY4 P.139		
				Distributed 16-point (0 to F)	3-wire type	3-wire type	FA-CB16XY1 P.140		
				Distributed 16-point (10 to 1F)			FA-CB16XY2 P.140		
			e-CON		3-wire type	3-wire type	FA-LEB32XY P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178
							FA-LEB32XY-3 P.143		
							FA-LEB32XY-3A P.143		
	Positive common	Junction terminal block	Spring clamp		1-wire type	1-wire type	FA1-TE2SV16XY P.121	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165
							FA-TB16XY P.126		
							FA-TB16XYPN P.128		
			Screw	3-row terminal block	3-wire type	3-wire type	FA-TB16XYPN3 P.129		
							FA-LEB16XY P.142		
							FA-LEB16XY-D P.142		
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶ P.234 P.281	FA-CBL**FM2H FA-CBL**FM2LH FA-CBL**MMH20 (for distributed installation)	P.164 P.165 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶ P.234 P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (positive common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165
				24VDC, 10mA	Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E P.232		
				48VDC, 5mA			FA1-TH16XRA20S P.236		
				100VDC, 2.5mA			FA1-TH16X24D31 P.237		
				100VAC, 8mA			FA1-TH16X24D31L P.238		
				200VAC, 7.5mA			FA1-TH16X48D31L P.239		
	Common	Junction terminal block	Spring clamp		1-wire type	1-wire type	FA1-TH16X100A31 P.240	FA-CBL**M20 FA-CBL**YM20	P.160 P.161
							FA1-TH16X100A31L P.241		
							FA1-TH16X100A31L P.242		
			Screw		2-wire type	2-wire type	FA1-TH16X200A31 P.243		
							FA1-TH16X200A31L P.243		
							FA1-TH16X200A31L P.244		
			Discrete cable		1-wire type	1-wire type	FA1-TH16X200A31L P.244		
							FA1-TE2SD40P P.122		
							FA-TBS40P P.137		
							FA-CBL**FMH-M P.180		
			Discrete cable		1-wire type	1-wire type	FA-BCBL**FFBL P.151		
							FA-BCBL**FFBL P.151		
							FA-BCBL**FFBLR P.151		

Programmable controller module model		Unit type				Model		Connection cable					
NZ2GF2B1N1-16T NZ2GF2B1-32T	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166			
							Mountable module: slim type ▶	P.282					
							FA1-TH8Y2SC20S1E	P.248					
				Mountable module: slim type ▶	P.282								
				FA1-TH16Y2SC20S1E	P.257								
			Mountable module: slim type ▶	P.282									
			N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252	FA-CBL**M20 FA-CBL**YM20	P.160 P.161				
						FA1-TH16Y1SR20S1E	P.254						
						FA1-TH16Y1TR20S1E	P.256						
		FA-TH16YRA11				P.258							
		Screw	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11S	P.259	FA-CBL**M20 FA-CBL**YM20	P.160 P.161				
						Module replaceable	2-wire type			FA-TH16YRA21	P.260		
										FA-TH16YRA20	P.260		
			Module mixing possible	Independent	FA-TH16YRA11S	P.261							
					FA-TH16YRA21S	P.262							
					FA-TH16YRA20S	P.263							
			N/C contact relay	Module mixing possible	Independent	FA-TH16YRA20SL	P.265						
						FA-TH16YRAB20SL	P.266						
						FA-TH16YRAC20S	P.267						
			C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S	P.267						
						FA-TH16YSR11S	P.268						
						FA-TH16YSR21S	P.269						
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR20S	P.270						
						Module mixing possible	Independent			FA-TH16YTL11S	P.271		
FA-TH16YTL21S	P.272												
Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273									
			2-wire type	FA-TH16YTR20S	P.275								
				FA-TH16Y2TR20	P.276								
NZ2GFCF1-32T	Sink output	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178			
							FA-TB32XY	P.126					
							FA-TBS32XY	P.127					
			Screw	Small-size terminal block		1-wire type	FA-TB32XYL	P.127	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163			
							FA-TB32XYP3	P.128					
							FA-TB8XY1	P.131					
							FA-TB8XY2	P.131					
				Distributed 8-point (0 to 7)	3-wire type		FA-TB8XY3	P.131					
							FA-TB8XY4	P.131					
							FA-TB16XY1	P.132					
							FA-TB16XY2	P.132					
			One-touch connector	Distributed 8-point (0 to 7)	3-wire type		FA-CB8XY1	P.139	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163			
							FA-CB8XY2	P.139					
							FA-CB8XY3	P.139					
				Distributed 8-point (10 to 17)	3-wire type		FA-CB8XY4	P.139					
							FA-CB16XY1	P.140					
			Distributed 8-point (18 to 1F)	3-wire type		FA-CB16XY2	P.140						
						FA-LEB32XY	P.143						
			e-CON			3-wire type	FA-LEB32XY-3	P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178			
							FA-LEB32XY-3A	P.143					
		FA-LEB16XY					P.142						
		Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
							FA-TB16XY	P.126					
			Screw			3-wire type	FA-TB16XYPN	P.128	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
							FA-TB16XYPN3	P.129					
			e-CON			3-wire type	FA-LEB16XY	P.142	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
							FA-LEB16XY-D	P.142					
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**FM2H FA-CBL**FM2LH FA-CBL**MMH20 (for distributed installation)	P.164 P.165 P.166			
							Mountable module: slim type ▶	P.282					
							FA1-TH8Y2SC20S1E	P.248					
				N/O contact relay	Module mixing possible	Independent	Mountable module: slim type ▶	P.282	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
							FA1-TH16Y2SC20S1E	P.257					
							Mountable module: slim type ▶	P.282					
							FA1-TH16Y2RA20S1E	P.252					
			Screw	Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1SR20S1E	P.254	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
							FA1-TH16Y1TR20S1E	P.256					
							FA-TH16YRA11	P.258					
				N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA21	P.259			FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165	
							Independent	FA-TH16YRA20					P.260
							FA-TH16YRA11S	P.261					
				N/C contact relay	Module mixing possible	Independent	FA-TH16YRA21S	P.262			FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165	
		FA-TH16YRA20S	P.263										
		FA-TH16YRA20SL	P.265										
		FA-TH16YRAB20SL	P.266										
		Digital signal converter (terminal module)	C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S	P.267	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165				
						FA-TH16YRAC20S	P.267						
			Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S	P.268			FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165		
						FA-TH16YSR21S	P.269						
			Module mixing possible	Independent	FA-TH16YSR20S	P.270	FA-CBL**FM2H FA-CBL**FM2LH			P.164 P.165			
					FA-TH16YTL11S	P.271							
Transistor, 1.0A (sink)	Module replaceable		1-wire type	FA-TH16YTL21S	P.272	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165						
				FA-TH16YTL21S	P.272								
Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165							
Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275									
Transistor, 2.0A		Independent	FA-TH16Y2TR20	P.276									

Programmable controller module model		Unit type			Model		Connection cable				
NZ2GFCF1-32T	Common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180		
			Screw			FA-TBS40P	P.137				
		Discrete cable							FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151	
NZ2GF2B1-32DT	I/O combined	For the input side, refer to the specifications of the NZ2GF2B1N1-16D. For the output side, refer to the specifications of the NZ2GF2B1N1-16T.									
NZ2GFCF1-32DT	I/O combined	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180		
			Screw			FA-TBS40P	P.137				
								FA-TB16X16Y	P.126	FA-CBL**FMH FA-FCBL**FMH	P.180 P.181
		Discrete cable				FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151				
NZ2GF2B1N1-16TE NZ2GF2B1-32TE	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166	
							Mountable module: slim type ▶				P.282
							Mountable module: slim type ▶				P.282
				FA1-TH1E8Y2SC20S1E		P.248					
				Mountable module: slim type ▶		P.282					
				FA1-TH1E16Y2SC20S1E		P.251					
				Mountable module: slim type ▶		P.282					
				FA1-TH1E16Y2RA20S1E		P.253					
				FA1-TH1E16Y1SR20S1E		P.255					
			FA1-TH1E16Y1TR20S1E		P.250						
			FA1-TH1E16Y2RA20S		P.264						
			Screw	N/O contact relay	Module mixing possible	Independent	FA-THE16YTH11S		P.274		
							FA-THE16YTR20S		P.277		
				Transistor, 1.0A (source)	Module replaceable	1-wire type					
Transistor, 1.0A	Module mixing possible	Independent									
NZ2GF2B1-32DTE	I/O combined	The input side cannot be used. For the output side, refer to the specifications of the NZ2GF2B1N1-16TE.									

*: Positive common only for input

CC-Link IE Field <I/O modules with safety functions>

Programmable controller module model	Unit type		Model	Connection cable	
NZ2GFSS2-8D NZ2GFSS2-32D NZ2GFSS2-8TE NZ2GFSS2-16DTE NZ2EXSS2-8TE	Discrete cable	0.75mm ² type (8A max.)		FA1-CB3L07SQ**E1F34	P.148
		0.3mm ² type (4A max.)		FA1-CB3L03SQ**E1F34	P.148

CC-Link IE Field <Analog modules>

Programmable controller module model		Unit type				Model				Connection cable						
						Mountable module										
Analog input module	NZ2GF2BN-60AD4	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter				FA-CBL**ATF P.304					
						8-channel installation base unit FA1-AT1B8X1TE P.292	Voltage input 0 to 5V 1 to 5V -10 to 10V Current input 4 to 20mA Distributor 4 to 20mA RTD input -200 to +650°C 0 to +100°C 0 to +200°C -200 to +600°C	FA-ATSVM1XV05 FA-ATSVM1XV15 FA-ATSVM1XV1010 FA-ATSVM1XA420 FA-ATSVM1XD FA-ATSVM1XRPT FA-ATSVM1XRPT0010 FA-ATSVM1XRPT0020 FA-ATSVM1XRJPT	P.296 P.296 P.296 P.297 P.298 P.299 P.299 P.299 P.299							
						4-channel installation base unit FA1-AT1B4X1TB P.290										
						8-channel installation base unit FA-ATB8XTB P.292										
				Screw		Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.295										
							Thermocouple input +600 to +1700°C 0 to +1600°C 0 to +1600°C -200 to +1200°C 0 to +400°C 0 to +600°C 0 to +800°C -200 to +900°C -40 to +750°C -200 to +350°C -200 to +1250°C CT 0 to 600VAC Pass-through module Dummy module	FA-ATSVM1XTB FA-ATSVM1XTR FA-ATSVM1XTS FA-ATSVM1XTK FA-ATSVM1XTK0040 FA-ATSVM1XTK0060 FA-ATSVM1XTK0080 FA-ATSVM1XTE FA-ATSVM1XTJ FA-ATSVM1XTT FA-ATSVM1XTN FA1-AT1CT-1-5 FA-ATFTMX FA-ATNDM5	P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.305 P.317 P.318							
						Module selectable type										
			Analog output module	NZ2GFCE-60ADV8		Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290		Input modules for analog signal converter				FA-CBL**ATF P.304 Cable for distributed installation FA1-CB2L**AT4EX P.319
										8-channel installation base unit FA1-AT1B8X1TE P.292						
4-channel installation base unit FA1-AT1B4X1TB P.290																
8-channel installation base unit FA-ATB8XTB P.292																
Screw	Installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.295															
Analog output module	NZ2GF2BN-60DA4	Analog signal converter			Output from the programmable controller: 1 to 5V		Spring clamp	Module selectable type		4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)				FA-CBL**ATYF P.316	
										8-channel installation base unit FA1-AT1B8Y1TE P.308	Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Pass-through module Dummy module	FA-ATSVM1YV05 FA-ATSVM1YV010 FA-ATSVM1YV15 FA-ATSVM1YV1010 FA-ATSVM1YA020 FA-ATSVM1YA420 FA-ATFTMX FA-ATNDM5	P.312 P.312 P.312 P.312 P.313 P.313 P.317 P.318			
										4-channel installation base unit FA1-AT1B4Y1TB P.306						
										8-channel installation base unit FA-ATB8YTB P.308						
			Screw	4-channel installation base unit FA1-AT1B4Y1TE P.306		Output modules for analog signal converter (The programmable controller outputs current.)				FA-CBL**ATYF P.316						
				8-channel installation base unit FA1-AT1B8Y1TE P.308		Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Pass-through module Dummy module	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420 FA-ATFTMX FA-ATNDM5		P.310 P.310 P.310 P.310 P.311 P.311 P.317 P.318							
				4-channel installation base unit FA1-AT1B4Y1TB P.306												
				8-channel installation base unit FA-ATB8YTB P.308												
			Module selectable type													
Analog output module	NZ2GFCE-60DAI8	Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type	8-channel installation base unit FA1-AT1B8Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)				FA-CBL**ATYF P.316					
						8-channel installation base unit FA-ATB8YTB P.308										
			Output from the programmable controller: 4 to 20mA	Spring clamp		8-channel installation base unit FA1-AT1B8Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs current.)				FA-CBL**ATYF P.316					
						8-channel installation base unit FA-ATB8YTB P.308										
NZ2GN2S-60AD4		Discrete cable	Shielded					FA1-CB2L**S1B2-4 P.187								

CC-Link <I/O modules>

Programmable controller module model		Unit type				Model		Connection cable	
AJ65SBTB1-16D AJ65SBTB1-16D1 AJ65SBTB3-16D AJ65SBTB3-16KD AJ65SBTB1-32D AJ65SBTB1-32D1 AJ65SBTB1-32KD	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-CBL**M20 FA-CBL**YM20	P.160 P.161
				24VDC, 10mA		2-wire type	FA1-TH16XRA20S P.236		
				48VDC, 5mA		2-wire type	FA-TH16X24D31 P.237		
				100VDC, 2.5mA		2-wire type	FA-TH16X24D31L P.238		
				100VAC, 8mA		2-wire type	FA-TH16X100D31L P.239		
				200VAC, 7.5mA		2-wire type	FA-TH16X100A31 P.240		
							FA-TH16X100A31 P.241		
							FA-TH16X100A31L P.242		
							FA-TH16X200A31 P.243		
							FA-TH16X200A31L P.244		
AJ65VBTS3-16D	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E P.230		
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-CBL**M20	P.160
				24VDC, 10mA		2-wire type	FA-TH16XRA20S P.236		
				48VDC, 5mA		2-wire type	FA-TH16X24D31 P.237		
				100VDC, 2.5mA		2-wire type	FA-TH16X24D31L P.238		
				100VAC, 8mA		2-wire type	FA-TH16X100D31L P.239		
				200VAC, 7.5mA		2-wire type	FA-TH16X100A31 P.240		
							FA-TH16X100A31 P.241		
							FA-TH16X100A31L P.242		
AJ65SBTCF1-32D	Positive common	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY P.120	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178
						1-wire type	FA-TB32XY P.126		
			Screw	Small-size terminal block		1-wire type	FA-TBS32XY P.127	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163
				LED		1-wire type	FA-TB32XYL P.127		
				3-row terminal block		2-wire type	FA-TB32XYN3 P.128		
				Distributed 8-point (0 to 7)			FA-TB8XY1 P.131		
				Distributed 8-point (8 to F)			FA-TB8XY2 P.131		
				Distributed 8-point (10 to 17)			FA-TB8XY3 P.131		
				Distributed 8-point (18 to 1F)			FA-TB8XY4 P.131		
				Distributed 16-point (0 to F)		2-wire type	FA-TB16XY1N P.130		
				Distributed 16-point (10 to 1F)		2-wire type	FA-TB16XY2N P.130		
				Distributed 16-point (0 to F)		3-wire type	FA-TB16XY1 P.132		
				Distributed 16-point (10 to 1F)		3-wire type	FA-TB16XY2 P.132		
			One-touch connector	Distributed 8-point (0 to 7)		3-wire type	FA-CB8XY1 P.139	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163
				Distributed 8-point (8 to F)		3-wire type	FA-CB8XY2 P.139		
				Distributed 8-point (10 to 17)		3-wire type	FA-CB8XY3 P.139		
				Distributed 8-point (18 to 1F)		3-wire type	FA-CB8XY4 P.139		
				Distributed 16-point (0 to F)		3-wire type	FA-CB16XY1 P.140		
				Distributed 16-point (10 to 1F)		3-wire type	FA-CB16XY2 P.140		
		Junction terminal block	e-CON			3-wire type	FA-LEB32XY P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178
						3-wire type	FA-LEB32XY-3 P.143		
			Spring clamp			1-wire type	FA-LEB32XY-3A P.143	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165
						1-wire type	FA1-TE2SV16XY P.121		
						3-wire type	FA-TB16XY P.126		
						3-wire type	FA-TB16XYPN P.128		
	Positive common	Digital signal converter (terminal module)	Spring clamp			3-wire type	FA-TB16XYPN3 P.129	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166
						3-wire type	FA-LEB16XY P.142		
						3-wire type	FA-LEB16XY-D P.142		
				Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E P.234 Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E P.234 Mountable module: function type ▶ P.281		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1L20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
				24VDC, N/O contact relay (positive common)			FA1-TH8X24RA1H20S1E P.230		
				24VDC, N/O contact relay (negative common)			FA1-TH16X24RA1L20S1E P.232	FA-CBL**M20 FA-CBL**YM20	P.160 P.161
				24VDC, N/O contact relay (negative common)			FA1-TH16X24RA1H20S1E P.232		

Programmable controller module model		Unit type					Model		Connection cable			
AJ65SBTCF1-32D	Positive common	Digital signal converter (terminal module)	Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.236	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165		
				24VDC, 10mA		2-wire type	FA-TH16X24D31	P.237				
				48VDC, 5mA		2-wire type	FA-TH16X24D31L	P.238				
				100VDC, 2.5mA		2-wire type	FA-TH16X48D31L	P.239				
				100VAC, 8mA		2-wire type	FA-TH16X100D31L	P.240				
				200VAC, 7.5mA		2-wire type	FA-TH16X100A31	P.241				
	Common	Junction terminal block	Spring clamp		1-wire type	FA-TH16X100A31L	P.242	FA-CBL**FMH-M	P.180			
			Screw			FA-TH16X200A31	P.243					
			Discrete cable			FA-TH16X200A31L	P.244			FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151	
						FA1-TE2SD40P	P.122					
					FA-TBS40P	P.137						
AJ65SBTB1-16T AJ65SBTB1-16T1 AJ65SBTB2-16T AJ65SBTB2-16T1 AJ65SBTB1-32T AJ65SBTB1-32T1	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166		
							Mountable module: slim type ▶	P.282				
							FA1-TH8Y2SC20S1E	P.248			FA-CBL**M20 FA-CBL**YM20	P.160 P.161
							Mountable module: slim type ▶	P.282				
							FA1-TH16Y2SC20S1E	P.257				
							Mountable module: slim type ▶	P.282				
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252				
						Independent	FA1-TH16Y1SR20S1E	P.254				
						Independent	FA1-TH16Y1TR20S1E	P.256				
				N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258				
						2-wire type	FA-TH16YRA21	P.259				
						Independent	FA-TH16YRA20	P.260				
				N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11S	P.261				
						2-wire type	FA-TH16YRA21S	P.262				
						Independent	FA-TH16YRA20S	P.263				
				N/C contact relay	Module mixing possible	Independent	FA-TH16YRA20SL	P.265				
						Independent	FA-TH16YRAB20SL	P.266				
						Independent	FA-TH16YRAC20S	P.267				
				C/O contact relay	Module replaceable	1-wire type	FA-TH16YSR11S	P.268				
						2-wire type	FA-TH16YSR21S	P.269				
						Independent	FA-TH16YSR20S	P.270				
				Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YTL11S	P.271				
						2-wire type	FA-TH16YTL21S	P.272				
				Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273				
			2-wire type			FA-TH16YTR20S	P.275					
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273					
2-wire type	FA-TH16YTR20S	P.275										
Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275								
		Independent	FA-TH16Y2TR20	P.276								
Transistor, 2.0A	Module mixing possible	Independent	FA-TH16Y2TR20	P.276								
		Independent	FA-TH16Y2TR20	P.276								
AJ65VBTS2-16T	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166		
							Mountable module: slim type ▶	P.282				
							FA1-TH8Y2SC20S1E	P.248			FA-CBL**M20	P.160
							Mountable module: slim type ▶	P.282				
							FA1-TH16Y2SC20S1E	P.257				
							Mountable module: slim type ▶	P.282				
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252				
						Independent	FA1-TH16Y1SR20S1E	P.254				
						Independent	FA1-TH16Y1TR20S1E	P.256				
				N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258				
						2-wire type	FA-TH16YRA21	P.259				
						Independent	FA-TH16YRA20	P.260				
				N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11S	P.261				
						2-wire type	FA-TH16YRA21S	P.262				
						Independent	FA-TH16YRA20S	P.263				
				N/C contact relay	Module mixing possible	Independent	FA-TH16YRA20SL	P.265				
						Independent	FA-TH16YRAB20SL	P.266				
						Independent	FA-TH16YRAC20S	P.267				
				C/O contact relay	Module replaceable	1-wire type	FA-TH16YSR11S	P.268				
						2-wire type	FA-TH16YSR21S	P.29				
						Independent	FA-TH16YSR20S	P.270				
				Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YTL11S	P.271				
						2-wire type	FA-TH16YTL21S	P.272				
				Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S	P.271				
			2-wire type			FA-TH16YTL21S	P.272					
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273					
2-wire type	FA-TH16YTR20S	P.275										
Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275								
		Independent	FA-TH16Y2TR20	P.276								
Transistor, 2.0A	Module mixing possible	Independent	FA-TH16Y2TR20	P.276								
		Independent	FA-TH16Y2TR20	P.276								
AJ65SBTCF1-32T AJ65BTC1-32T	Sink output	Junction terminal block	Screw	Spring clamp		1-wire type	FA1-TE2SD32XY	P.120	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178		
					Small-size terminal block	1-wire type	FA-TB32XY	P.126				
							FA-TBS32XY	P.127				
							FA-TB32XYL	P.127				
					3-row terminal block	2-wire type	FA-TB32XYP3	P.128	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163		
							Distributed 8-point (0 to 7)	3-wire type			FA-TB8XY1	P.131
											FA-TB8XY2	P.131
				Distributed 8-point (8 to F)	3-wire type	FA-TB8XY3					P.131	
						Distributed 8-point (10 to 17)	3-wire type	FA-TB8XY4			P.131	
								Distributed 8-point (18 to 1F)			3-wire type	FA-TB16XY1
Distributed 16-point (0 to F)	3-wire type	FA-TB16XY2	P.132									
		Distributed 16-point (10 to 1F)	3-wire type	FA-TB16XY2	P.132							
							FA-TB16XY2	P.132				
								FA-TB16XY2			P.132	
									FA-TB16XY2	P.132		

Programmable controller module model		Unit type				Model		Connection cable				
AJ65SBTCF1-32T AJ65BTC1-32T	Sink output	Junction terminal block	One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1	P.139	FA-CBL**FMH FA-FCBL**FMH FA-CBL**MMH (for distributed installation)	P.177 P.178 P.163			
				Distributed 8-point (8 to F)		FA-CB8XY2	P.139					
				Distributed 8-point (10 to 17)		FA-CB8XY3	P.139					
				Distributed 8-point (18 to 1F)		FA-CB8XY4	P.139					
				Distributed 16-point (0 to F)		FA-CB16XY1	P.140					
				Distributed 16-point (10 to 1F)		FA-CB16XY2	P.140					
			e-CON	3-wire type	FA-LEB32XY	P.143	FA-CBL**FMH FA-FCBL**FMH	P.177 P.178				
					FA-LEB32XY-3	P.143						
					FA-LEB32XY-3A	P.143						
			Spring clamp		1-wire type	FA1-TE2SV16XY	P.121	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165			
			Screw		1-wire type	FA-TB16XY	P.126					
					3-wire type	FA-TB16XYPN	P.128					
		FA-TB16XYPN3				P.129						
		e-CON	3-wire type	FA-LEB16XY	P.142	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165					
				FA-LEB16XY-D	P.142							
		DIN rail installation only										
		Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E	P.246	FA-CBL**FM2H FA-CBL**FM2LH FA-CBL**MMH20 (for distributed installation)	P.164 P.165 P.166		
							Mountable module: slim type ▶	P.282				
							FA1-TH8Y2SC20S1E	P.248				
							Mountable module: slim type ▶	P.282				
							FA1-TH16Y2SC20S1E	P.257				
							Mountable module: slim type ▶	P.282				
				N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.252	FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165		
						Independent	FA1-TH16Y1SR20S1E	P.254				
	Independent					FA1-TH16Y1TR20S1E	P.256					
	Screw			N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.258			FA-CBL**FM2H FA-CBL**FM2LH	P.164 P.165
						2-wire type	FA-TH16YRA21	P.259				
						Independent	FA-TH16YRA20	P.260				
			1-wire type			FA-TH16YRA11S	P.261					
			2-wire type			FA-TH16YRA21S	P.262					
			Independent			FA-TH16YRA20S	P.263					
			Module mixing possible	Independent	FA-TH16YRA20SL	P.265						
				Independent	FA-TH16YRAB20SL	P.266						
			N/C contact relay	Module mixing possible	Independent	FA-TH16YRAC20S	P.267					
					Independent	FA-TH16YRAC20S	P.267					
			C/O contact relay	Module replaceable	1-wire type	FA-TH16YSR11S	P.268					
					2-wire type	FA-TH16YSR21S	P.269					
	Independent				FA-TH16YSR20S	P.270						
	1-wire type				FA-TH16YTL11S	P.271						
	Transistor, 1.0A (sink)		Module replaceable	2-wire type	FA-TH16YTL21S	P.272						
		1-wire type		FA-TH16YTH11S	P.273							
	Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.273							
			Independent	FA-TH16YTR20S	P.275							
	Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.275							
			Independent	FA-TH16Y2TR20	P.276							
	Transistor, 2.0A	Independent	FA-TH16Y2TR20	P.276								
			FA-TBS40P	P.137								
	Common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180				
Screw			FA-TBS40P		P.137							
		Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151				
AJ65SBBT1-32DT	I/O combined	For the input side, refer to the specifications of the AJ65SBBT1-16D. For the output side, refer to the specifications of the AJ65SBBT1-16T.										
AJ65SBTCF1-32DT	I/O combined	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180			
			Screw			FA-TBS40P	P.137					
		Discrete cable		FA-TB16X16Y		P.126	FA-CBL**FMH FA-FCBL**FMH FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR			P.177 P.178 P.151 P.151 P.151		
AJ65VBTCF1-32DT1	I/O combined	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P	P.122	FA-CBL**FMH-M	P.180			
			Screw			FA-TBS40P	P.137					
		Discrete cable		FA-TB16X16Y		P.126	FA-CBL**FMV FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR			P.153 P.150 P.151 P.151 P.151		
AJ65SBBT1-16TE AJ65SBBT1-32TE1	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E	P.247	FA-CBL**M20 FA-CBL**YM20 FA-CBL**MMH20 (for distributed installation)	P.160 P.161 P.166		
							Mountable module: slim type ▶	P.82				
							FA1-TH1E8Y2SC20S1E	P.248				
							Mountable module: slim type ▶	P.282				
							FA1-TH1E16Y2SC20S1E	P.251				
							Mountable module: slim type ▶	P.282				
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E	P.253	FA-CBL**M20 FA-CBL**YM20	P.160 P.161		
						Independent	FA1-TH1E16Y1SR20S1E	P.255				
						Independent	FA1-TH1E16Y1TR20S1E	P.250				
						Independent	FA1-TH1E16Y2RA20S	P.264				
Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-THE16YTH11S	P.274	FA-CBL**M20 FA-CBL**YM20	P.160 P.161						
		Independent	FA-THE16YTR20S	P.277								
AJ65SBBT1-32DTE1	I/O combined	The input side cannot be used. For the output side, refer to the specifications of the AJ65SBBT1-16TE.										

+: Positive common only for input

CC-Link <Analog modules>

Programmable controller module type	Programmable controller module model	Unit type				Model				Connection cable									
						Mountable module													
Analog input module	AJ65SBT-64AD AJ65SBT2B-64AD	Analog signal converter	Input to the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter				FA-CBL**ATF	P.304							
							Voltage input 0 to 5V 1 to 5V -10 to 10V Current input 4 to 20mA	FA-ATSVM1XV05 FA-ATSVM1XV15 FA-ATSVM1XV1010 FA-ATSVM1XA420	P.296 P.296 P.296 P.297										
										Distributor 4 to 20mA RTD input -200 to +650°C 0 to +100°C 0 to +200°C -200 to +600°C			FA-ATSVM1XD FA-ATSVM1XRPT FA-ATSVM1XRPT0010 FA-ATSVM1XRPT0020 FA-ATSVM1XRJPT	P.298 P.299 P.299 P.299 P.299					
															Thermocouple input +600 to +1700°C 0 to +1600°C 0 to +1600°C -200 to +1200°C 0 to +400°C 0 to +600°C 0 to +800°C -200 to +900°C -40 to +750°C -200 to +350°C -200 to +1250°C	FA-ATSVM1XTB FA-ATSVM1XTR FA-ATSVM1XTS FA-ATSVM1XTK FA-ATSVM1XTK0040 FA-ATSVM1XTK0060 FA-ATSVM1XTK0080 FA-ATSVM1XTE FA-ATSVM1XTJ FA-ATSVM1XTT FA-ATSVM1XTN	P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300 P.300		
							8-channel installation base unit FA1-AT1B8X1TE P.292												
								Screw	Module selectable type	4-channel installation base unit FA1-AT1B4X1TB P.290			8-channel installation base unit FA-ATB8XTB P.292						
				8-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.295	Input modules for analog signal converter														
					Analog signal converter	Input to the programmable controller: 4 to 20mA	Screw							Module selectable type	8-channel installation base unit FA-ATKB8XTB + Adapter FA-ATKAA8XM P.294 P.295	Input modules for analog signal converter			
																Input modules for analog signal converter			
								Input modules for analog signal converter											
Input modules for analog signal converter																			
Analog output module	AJ65SBT2B-64DA	Analog signal converter	Output from the programmable controller: 1 to 5V	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)				FA-CBL**ATYF	P.316							
							Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA	FFA-ATSVM1YV05 FA-ATSVM1YV010 FA-ATSVM1YV15 FA-ATSVM1YV1010 FA-ATSVM1YA020 FA-ATSVM1YA420	P.312 P.312 P.312 P.312 P.313 P.313										
										Pass-through module FA-ATFTMX FA-ATNDM5			P.317 P.318						
														8-channel installation base unit FA1-AT1B8Y1TE P.308					
															4-channel installation base unit FA1-AT1B4Y1TB P.306				
							Screw	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306							Output modules for analog signal converter (The programmable controller outputs current.)			
										Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA			FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420			P.310 P.310 P.310 P.310 P.311 P.311			
														Pass-through module FA-ATFTMX FA-ATNDM5			P.317 P.318		
				8-channel installation base unit FA1-AT1B8Y1TE P.308															
					4-channel installation base unit FA1-AT1B4Y1TB P.306														
						Screw	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)										
									Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420			P.310 P.310 P.310 P.310 P.311 P.311						
				Pass-through module FA-ATFTMX FA-ATNDM5										P.317 P.318					
					8-channel installation base unit FA1-AT1B8Y1TE P.308														
						4-channel installation base unit FA1-AT1B4Y1TB P.306													
							Screw	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter (The programmable controller outputs voltage.)									
Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420	P.310 P.310 P.310 P.310 P.311 P.311																	
			Pass-through module FA-ATFTMX FA-ATNDM5	P.317 P.318															
					8-channel installation base unit FA1-AT1B8Y1TE P.308														
						4-channel installation base unit FA1-AT1B4Y1TB P.306													
Screw	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306					Output modules for analog signal converter (The programmable controller outputs voltage.)												
			Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA	FA-ATSAM1YV05 FA-ATSAM1YV010 FA-ATSAM1YV15 FA-ATSAM1YV1010 FA-ATSAM1YA020 FA-ATSAM1YA420			P.310 P.310 P.310 P.310 P.311 P.311												
					Pass-through module FA-ATFTMX FA-ATNDM5			P.317 P.318											
						8-channel installation base unit FA1-AT1B8Y1TE P.308													
4-channel installation base unit FA1-AT1B4Y1TB P.306																			

CC-Link <Positioning module>

Programmable controller module type	Programmable controller module model	Servo amplifier or other devices	Type		Cable model	
Positioning module	AJ65BT-D75P2-S3	MR-J5-A series MR-J4-A series MR-J3-A series	Cable with connectors	With pulse generator	FA-CBLA75M2J3-P	P.208
		For general-purpose stepping motors and servo amplifiers	Cable with connectors	With pulse generator	FA-CBLA75G2P-P	P.209
					FA-CBLA75G2D-P	P.209

Network interface modules for digital signal converter

Programmable controller module model		Digital signal converter				Model	Connection cable
		Control method		Terminal block type	Mountable module		
FA3-TH1□16XC-01C with a dedicated cable FA3-TH1□16XC without a dedicated cable	Positive common	Installation base unit (module selectable type)		4 points, independent	Spring clamp	Function type	Dedicated cable (included) FA3-CB2L**MM1H20 FA-CBL**MMH20 (for distributed installation) P.320 P.166
				8 points, independent		Function type	
		Module pre-mounted type unit	24VDC (N/O contact)	4 points, independent (positive common)	Spring clamp	Slim type ¹⁾	
				4 points, independent (negative common)		Slim type ¹⁾	
				8 points, independent (positive common)		Slim type ¹⁾	
				8 points, independent (negative common)		Slim type ¹⁾	
				16 points, independent (positive common)		Slim type ¹⁾	
				16 points, independent (negative common)		Slim type ¹⁾	
				16 points, independent		Slim type ¹⁾	
		Module built-in type unit	24VDC	16 points/common, 2-wire type	Screw (M3)	Slim type	Dedicated cable (included) FA3-CB2L**MM1H20 P.320
					Screw (M3.5)	Slim type	
					Screw (M3.5)	Slim type	
			48VDC	16 points/common, 2-wire type	Screw (M3.5)	Slim type	
			100VDC	16 points/common, 2-wire type	Screw (M3.5)	Slim type	
			100VAC	16 points/common, 2-wire type	Screw (M3)	Slim type	
					Screw (M3.5)	Slim type	
			200VAC	16 points/common, 2-wire type	Screw (M3)	Slim type	
					Screw (M3.5)	Slim type	
FA3-TH1□16Y-01C with a dedicated cable FA3-TH1□16Y without a dedicated cable	Sink output	Installation base unit (module selectable type)		4 points, independent (sink)	Spring clamp	Slim type	Dedicated cable (included) FA3-CB2L**MM1H20 FA-CBL**MMH20 (for distributed installation) P.320 P.166
				8 points, independent (sink)		Slim type	
				16 points, independent (sink)		Slim type	
		Module pre-mounted type unit	N/O contact	16 points, independent	Spring clamp	Slim type ²⁾	Dedicated cable (included) FA3-CB2L**MM1H20 P.320
					Screw (M3)	Slim type ²⁾	
					Screw (M3.5)	Slim type ³⁾	
				16 points/common, 1-wire type	Screw (M3)	Slim type ³⁾	
			N/C contact	16 points/common, 2-wire type	Screw (M3)	Slim type ²⁾	
			C/O contact	16 points, independent	Screw (M3.5)	Slim type ²⁾	
			Triac	16 points, independent	Spring clamp	Slim type ²⁾	
					Screw (M3)	Slim type ²⁾	
			Transistor (sink)	16 points/common, 1-wire type	Screw (M3)	Slim type	
				16 points/common, 2-wire type		Slim type	
				16 points, independent (sink)		Slim type ²⁾	
				16 points/common, 1-wire type (sink)		Slim type	
				16 points/common, 2-wire type (sink)		Slim type	
			Module built-in type unit	16 points/common, 1-wire type (source)	Screw (M3)	Slim type	
				16 points, independent, 2A (sink/source shared type)		Slim type ³⁾	
				16 points, independent (sink/source shared type)		Slim type ²⁾	

Programmable controller module model		Digital signal converter				Model		Connection cable			
		Control method		Terminal block type	Mountable module						
FA3-TH1□16YE-01C with a dedicated cable FA3-TH1□16YE without a dedicated cable	Source output	Installation base unit (module selectable type)		Spring clamp	Slim type ⁻²	FA1-TH1E4Y2SC20S1E Mountable module ▶	P.247 P.282	Dedicated cable (included) FA3-CB2L**MM1H20 FA-CBL**MMH20 (for distributed installation)	P.320 P.166		
					Slim type ⁻²	FA1-TH1E8Y2SC20S1E Mountable module ▶	P.248 P.282				
					Slim type ⁻²	FA1-TH1E16Y2SC20S1E Mountable module ▶	P.251 P.282				
		Module pre-mounted type unit		N/O contact relay	16 points, independent (source)	Spring clamp	Slim type ⁻²	FA1-TH1E16Y2RA20S1E	P.253	Dedicated cable (included) FA3-CB2L**MM1H20	P.320
					16 points, independent (source)	Screw (M3)		FA1-TH1E16Y2RA20S	P.264		
				Triac	16 points, independent (source)	Spring clamp	Slim type	FA1-TH1E16Y1SR20S1E	P.255		
					Transistor (source)	16 points, independent (source)	Spring clamp	Slim type	FA1-TH1E16Y1TR20S1E		
				16 points, independent (sink/source shared type)		Screw (M3)	Slim type	FA-THE16YTR20S	P.277		
				16 points/common, 1-wire type (source)			Slim type	FA-THE16YTH11S	P.274		
				16 points/common, 1-wire type (source)			Slim type	FA-THE16YTH11S	P.274		

*1: Only N/O contact and N/C contact modules can be mixed.

*2: Only N/O contact, N/C contact, triac, and transistor modules can be mixed.

*3: Modules cannot be replaced or mixed.

Network interface modules for analog signal converter

Type	Interface module model	Installation base unit		Mountable module			Connection cable	
Analog input module	FA3-AT1□8X-01C with a dedicated cable FA3-AT1□8X without a dedicated cable	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4X1TE P.290	Input modules for analog signal converter			Dedicated cable (Included with the CC-Link interface module) FA3-CB2L**MM1H20 P.320
				8-channel installation base unit FA1-AT1B8X1TE P.292	Voltage input 0 to 5V 1 to 5V -10 to 10V Current input 4 to 20mA Distributor 4 to 20mA RTD input -200 to +650°C 0 to +100°C 0 to +200°C -200 to +600°C	FA-ATSVM1XV05 FA-ATSVM1XV15 FA-ATSVM1XV1010 FA-ATSVM1XA420 FA-ATSVM1XD FA-ATSVM1XRPT FA-ATSVM1XRPT0010 FA-ATSVM1XRPT0020 FA-ATSVM1XRJPT	P.296 P.296 P.296 P.297 P.298 P.299 P.299 P.299 P.299	
		Screw		4-channel installation base unit FA1-AT1B4X1TB P.290				
				8-channel installation base unit FA-ATB8XTB P.292				
Analog output module	FA3-AT1□8Y-01C with a dedicated cable FA3-AT1□8Y without a dedicated cable	Spring clamp	Module selectable type	4-channel installation base unit FA1-AT1B4Y1TE P.306	Output modules for analog signal converter			Dedicated cable (Included with the CC-Link interface module) FA3-CB2L**MM1H20 P.320
				8-channel installation base unit FA1-AT1B8Y1TE P.308	Voltage output 0 to 5V 0 to 10V 1 to 5V -10 to 10V Current output 0 to 20mA 4 to 20mA Dummy module	FA-ATSVM1YV05 FA-ATSVM1YV010 FA-ATSVM1YV15 FA-ATSVM1YV1010 FA-ATSVM1YA020 FA-ATSVM1YA420 FA-ATNDM5	P.312 P.312 P.312 P.312 P.313 P.313 P.318	
		Screw		4-channel installation base unit FA1-AT1B4Y1TB P.306				
				8-channel installation base unit FA-ATB8YTB P.308				

Supported network

□ = M	CC-Link IE TSN, CC-Link IE Field Basic, CC-Link IE Field, SLMP (standard Ethernet), MODBUS/TCP
□ = T	CC-Link IE TSN, CC-Link IE Field Basic, CC-Link IE Field, SLMP (standard Ethernet)
□ = C	CC-Link

Connection with wireless units of Mitsubishi Electric System & Service Co., Ltd.

Wireless unit model		Unit type			Model		Connection cable	
SWL31-R4ML SWL90-R4MD SWL90-R4ML	Digital input side (2 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.234 P.281	FA-CBL**M20	P.160
			24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH4X24RA1L20S1E P.228		
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
SWL11-TR08	Digital input side (8 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.234 P.281	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166
			24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH8X2SC20S1E Mountable module ▶ P.234 P.281		
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.228		
			24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1L20S1E P.230		
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.228		
SWLEX-XY16	Digital input side (16 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.234 P.281	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166
			24VDC, N/O contact relay (positive common)	Module mixing possible		Independent		
			24VDC, N/O contact relay (negative common)		FA1-TH4X24RA1L20S1E P.228			
			24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH8X24RA1L20S1E P.230		
			24VDC, N/O contact relay (positive common)			FA1-TH4X24RA1H20S1E P.228		
			24VDC, N/O contact relay (negative common)	FA1-TH8X24RA1H20S1E P.230				
		Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E P.232	FA-CBL**M20	P.160
			24VDC, 10mA	2-wire type		FA1-TH16X24RA1H20S1E P.232		
			48VDC, 5mA	2-wire type	FA1-TH16XRA20S P.236			
			100VDC, 2.5mA	2-wire type	FA1-TH16X24D31 P.237			
			100VAC, 8mA	2-wire type	FA1-TH16X24D31L P.238			
			200VAC, 7.5mA	2-wire type	FA1-TH16X48D31L P.239			
					FA1-TH16X100D31L P.240			
					FA1-TH16X100A31 P.241			
					FA1-TH16X100A31L P.242			
					FA1-TH16X200A31 P.243			
		FA1-TH16X200A31L P.244						
SWL31-R4ML SWL90-R4MD SWL90-R4ML	Digital output side (3 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.246 P.282	FA-CBL**M20	P.160
SWL11-TR08	Digital output side (8 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.246 P.282	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166
						FA1-TH8X2SC20S1E Mountable module ▶ P.234 P.281		
SWLEX-XY16	Digital output side (16 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.246 P.282	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.160 P.166
						FA1-TH8Y2SC20S1E Mountable module ▶ P.234 P.281		
						FA1-TH16Y2SC20S1E Mountable module ▶ P.257 P.282		
			N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E P.252		
			Triac, 1.0A	Module mixing possible	Independent	FA1-TH16Y1SR20S1E P.254		
			Transistor, 1.0A	Module mixing possible	Independent	FA1-TH16Y1TR20S1E P.256		
		Screw	N/O contact relay	1-wire type	FA1-TH16YRA11 P.258	FA-CBL**M20	P.160	
				2-wire type	FA1-TH16YRA21 P.259			
				Independent	FA1-TH16YRA20 P.260			
				Module replaceable	1-wire type			FA1-TH16YRA11S P.261
				Module replaceable	2-wire type			FA1-TH16YRA21S P.262
				Module mixing possible	Independent			FA1-TH16YRA20S P.263
			N/C contact relay	Independent	FA1-TH16YRA20SL P.265			
				Independent	FA1-TH16YRAB20SL P.266			
			C/O contact relay	Independent	FA1-TH16YRAC20S P.267			
				1-wire type	FA1-TH16YSR11S P.268			
			Triac, 1.0A	2-wire type	FA1-TH16YSR21S P.269			
				Module mixing possible	Independent			FA1-TH16YSR20S P.270
			Transistor, 1.0A (sink)	1-wire type	FA1-TH16YTL11S P.271			
				2-wire type	FA1-TH16YTL21S P.272			
			Transistor, 1.0A	Independent	FA1-TH16YTR20S P.275			
				Independent	FA1-TH16Y2TR20 P.276			
SWLEX-AD4	Analog input (4 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-AT1B4X1TE Mountable module ▶ P.290 P.281	FA-CBL**ATF	P.304
		Screw	Installation base unit	Module selectable type	Independent	FA1-AT1B4X1TB Mountable module ▶ P.290 P.281		

ASLINK TERMINAL series manufactured by Anywire <I/O modules>

MIL connector terminal model		Unit type				Model		Connection cable						
BL265SB-16F-2-20 BL265SB-32F-2-20	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module: function type ▶	P.234 P.281	FA-CBL**MMH20 (also used for unit distribution)	P.166				
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module: function type ▶	P.234 P.238						
							FA1-TH4X24RA1L20S1E FA1-TH8X24RA1L20S1E FA1-TH4X24RA1H20S1E FA1-TH8X24RA1H20S1E	P.228 P.230 P.228 P.230						
				24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH16X24RA1L20S1E	P.232						
							FA1-TH16X24RA1H20S1E	P.232						
				Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S FA-TH16X24D31 FA-TH16X24D31L			P.236 P.237 P.238			
			24VDC, 10mA			2-wire type	FA-TH16X48D31L	P.239						
			48VDC, 5mA			2-wire type	FA-TH16X100D31L FA-TH16X100A31 FA-TH16X100A31L	P.240 P.241 P.242						
			100VDC, 2.5mA			2-wire type	FA-TH16X200A31 FA-TH16X200A31L	P.243 P.244						
			100VAC, 8mA			2-wire type								
			200VAC, 7.5mA			2-wire type								
			BL265PB-16F-2-20 BL265PB-32F-2-20	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module: slim type ▶	P.246 P.282	FA-CBL**MMH20 (also used for unit distribution)	P.166	
N/O contact relay	Module replaceable	Independent					FA1-TH8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282						
							FA1-TH16Y2SC20S1E Mountable module: slim type ▶	P.257 P.282						
							FA1-TH16Y2RA20S1E	P.252						
							FA1-TH16Y1SR20S1E	P.254						
Triac, 1.0A	Module mixing possible	Independent					FA1-TH16Y1TR20S1E	P.256						
Screw	N/O contact relay	Module replaceable				1-wire type	FA-TH16YRA11 FA-TH16YRA21 FA-TH16YRA20	P.258 P.259 P.260						
						2-wire type	FA-TH16YRA11S FA-TH16YRA21S	P.261 P.262						
						Independent	FA-TH16YRA20S FA-TH16YRA20SL	P.263 P.265						
		N/C contact relay				Module mixing possible	Independent	FA-TH16YRAB20SL	P.266					
		C/O contact relay				Module replaceable	Independent	FA-TH16YRAC20S	P.267					
		Triac, 1.0A				Module replaceable	1-wire type	FA-TH16YSR11S FA-TH16YSR21S	P.268 P.269					
	2-wire type						FA-TH16YSR20S	P.270						
	Independent													
	Transistor, 1.0A (sink)	Module replaceable				1-wire type	FA-TH16YTL11S FA-TH16YTL21S	P.271 P.272						
	Transistor, 1.0A (source)	Module replaceable				1-wire type	FA-TH16YTH11S	P.273						
	Transistor, 1.0A	Module mixing possible				Independent	FA-TH16YTR20S	P.275						
	Transistor, 2.0A					Independent	FA-TH16Y2TR20	P.276						
	BL265PB-16FS-2-20 BL265PB-32FS-2-20	Source output				Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module: slim type ▶	P.247 P.282	FA2-CB1L**MM1H20E	P.168
								N/O contact relay	Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E Mountable module: slim type ▶	P.248 P.282	Cable between distributed units FA-CBL**MMH20	P.166
											FA1-TH1E16Y2SC20S1E Mountable module: slim type ▶	P.251 P.282		
											FA1-TH1E16Y2RA20S1E	P.253		
											FA1-TH1E16Y1SR20S1E	P.255		
								Transistor, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E	P.250		
							Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.264		
Transistor, 1.0A (source)			Module replaceable	1-wire type	FA-TH1E16YTH11S			P.274						
Transistor, 1.0A			Module mixing possible	Independent	FA-TH1E16YTR20S			P.277						
			Independent											
			Independent											
			Independent											
BL265XB-32F-2-20		I/O combined	For the input side, refer to the specifications of the BL265SB-16F-2-20. For the output side, refer to the specifications of the BL265PB-16F-2-20.											
BL296SB-08F-20	Sink input	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E FA1-TH8X2SC20S1E	P.234 P.234	ASLINK TERMINAL - digital signal converter cable FA4-CB4L01ZM12					
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E FA1-TH8X24RA1L20S1E	P.228 P.230						
				24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH4X24RA1H20S1E FA1-TH8X24RA1H20S1E	P.228 P.230						
BL296PB-08F-20	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E FA1-TH8Y2SC20S1E	P.246 P.248	Cable between distributed units FA-CBL**MMH20	P.166				
BL296PB-08FS-20	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E FA1-TH1E8Y2SC20S1E	P.247 P.248						
BL296XB-08F-20		I/O combined	For the input side, the positive common type 4-point digital signal converter can be used. For the output side, the sink type 4-point digital signal converter can be used.											

PLC modules manufactured by OMRON: CJ1/CJ1MCS series

Programmable controller module model		Unit type				Model		Connection cable	
CJ1W-ID231 CJ1W-ID261	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
CJ1W-ID232 CJ1W-ID262 CJ1W-ID233		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
CJ1W-OD231 CJ1W-OD261	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
CJ1W-OD232 CJ1W-OD233 CJ1W-OD262 CJ1W-OD263 CJ1W-OD234		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
CJ1W-MD261	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
CJ1W-MD263 CJ1W-MD563		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181

PLC modules manufactured by OMRON: CS series (CS1G/H, CS1D)

Programmable controller module model		Unit type				Model		Connection cable	
CS1W-ID231 CS1W-ID261	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
CS1W-OD231 CS1W-OD232 CS1W-OD261 CS1W-OD262	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
CS1W-MD261 CS1W-MD262 CS1W-MD561	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151

PLC modules manufactured by OMRON: DeviceNet

Programmable controller module model		Unit type				Model		Connection cable	
GT1-ID32ML GT1-ID32ML-1	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
DRT2-ID32ML DRT2-ID32ML-1		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
GT1-OD32ML GT1-OD32ML-1	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH	P.177
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
DRT2-OD32ML DRT2-OD32ML-1		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
DRT2-MD32ML DRT2-MD32ML-1	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181

PLC modules manufactured by OMRON: CompoBus/S

Programmable controller module model		Unit type				Model		Connection cable	
SRT2-ID32ML SRT2-ID32ML-1	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
SRT2-OD32ML SRT2-OD32ML-1	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181
SRT2-MD32ML SRT2-MD32ML-1	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**MMH-R	P.181

PLC modules manufactured by Yokogawa Electric: FA-M3 series

Programmable controller module model		Unit type				Model		Connection cable	
F3XD32-3F F3XD32-4F F3XD32-5F F3XD64-3F F3XD64-4F F3XD64-6M	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
F3YD32-1H F3YD32-1P F3YD32-1R F3YD32-1T F3YD64-1M F3YD64-1P F3YD64-1R	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
F3WD64-3P F3WD64-4P	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151

PLC modules manufactured by Fuji Electric FA Components & Systems: SPH series

Programmable controller module model		Unit type				Model		Connection cable	
NP1X3206-W NP1X3202-W NP1X6406-W	Input	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
NP1Y32T09P1 NP1Y32U09P1 NP1Y64T09P1 NP1Y64U09P1	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151
NP1W3206T NP1W3206U NP1W6406T NP1W6406U	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.137	FA-CBL**FMH-FY	P.182
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.151 P.151 P.151