

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.147	FA-CBL**TD	P.178
				2-wire type	FA-TB161ACC2	P.148		
RX10-TS	AC	Discrete cable	0.75mm ² type (8A max.)				FA1-CB3L07SQ**E1F18	P.151
			0.3mm ² type (4A max.)				FA1-CB3L03SQ**E1F18	P.151
RX28	AC	Junction terminal block	Screw	1-wire type	FA-TB18XY	P.147	FA-CBL**TD	P.178
RX40C7	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY	P.122	FA-CBL**M20	P.163
					FA1-TE1SV16XY	P.122	FA-CBL**YM20	P.164
			Screw	1-wire type	FA-TB16XY	P.128	FA-CBL**TMV20	P.165
				2-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178
			3-row terminal block	3-wire type	FA-TB16XYPN	P.130		
					FA-TB16XYPN3	P.131	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
		Digital signal converter (terminal module)	e-CON	3-wire type	FA-LEB16XY	P.144		
					FA-LEB16XY-D	P.144		
			DIN rail installation only	Independent	FA1-TH4X2SC20S1E	P.232	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)	P.163 P.164 P.165 P.169
					Mountable module ▶ P.279			
			Spring clamp	Independent	FA1-TH8X2SC20S1E	P.232		
					Mountable module ▶ P.279			
			Module selectable type	Independent	FA1-TH4X24RA1L20S1E	P.226		
					FA1-TH8X24RA1L20S1E	P.228		
	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TH16X24RA1L20S1E	P.230	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
					FA1-TH4X24RA1H20S1E	P.226		
			Screw	2-wire type	FA1-TH8X24RA1H20S1E	P.228		
					FA1-TH16X24RA1H20S1E	P.228		
			Module mixing possible	Independent	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
		Digital signal converter (terminal module)	Spring clamp	Independent	FA1-TH16XRA20S	P.234	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
					FA1-TH16X24D31	P.235		
			Screw	2-wire type	FA1-TH16X24D31L	P.236		
					FA1-TH16X48D31L	P.237		
			Module mixing possible	2-wire type	FA1-TH16X100D31L	P.238		
					FA1-TH16X100A31	P.239		
RX40C7-TS	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TH16X100A31L	P.240	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
					FA1-TH16X200A31	P.241		
			Screw	2-wire type	FA1-TH16X200A31L	P.242		
					FA1-TH16X24D31	P.235		
			Module mixing possible	2-wire type	FA1-TH16X24D31L	P.236		
					FA1-TH16X48D31L	P.237		
	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TH16X100D31L	P.238	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165
					FA1-TH16X100A31	P.239		
			Screw	2-wire type	FA1-TH16X100A31L	P.240		
					FA1-TH16X200A31	P.241		
			Module mixing possible	2-wire type	FA1-TH16X200A31L	P.242		
					FA1-TH16X24D31	P.235		
	Common	Discrete cable	Spring clamp	1-wire type	FA1-TH16X24D31L	P.236	FA1-CB1L**EM1F18	P.152
					FA1-TE1SV16XY	P.122		
			Screw	1-wire type	FA1-TE2SV16XY	P.122		
					FA1-TE1SV16XY	P.122		
			Module selectable type	Independent	FA1-TH4X2SC20S1E	P.232		
					Mountable module ▶ P.279			
RX40NC6B	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X2SC20S1E	P.232	FA1-CB1L**EM1F18 FA-CBL**MMH20 (for distributed installation)	P.152 P.169
					Mountable module ▶ P.279			
			Screw	1-wire type	FA1-TH4X24RA1L20S1E	P.226		
					FA1-TH8X24RA1L20S1E	P.228		
			Module mixing possible	2-wire type	FA1-TH16X24RA1L20S1E	P.230		
					FA1-TH4X24RA1H20S1E	P.226		
	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X24RA1H20S1E	P.228	FA1-CB1L**EM1F18	P.152
					FA1-TH16X24RA1H20S1E	P.230		
			Screw	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
			Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
	Common	Discrete cable	Spring clamp	1-wire type	FA1-TH16X24RA1H20S1E	P.230	FA1-CB1L**EM1F18	P.152
					FA1-TE1SV16XY	P.122		
			Screw	1-wire type	FA1-TE2SV16XY	P.122		
					FA1-TE1SV16XY	P.122		
			Module selectable type	Independent	FA1-TH4X2SC20S1E	P.232		
					Mountable module ▶ P.279			
RX40PC6H	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X2SC20S1E	P.232	FA1-CB1L**EM1F18	P.152
					Mountable module ▶ P.279			
			Screw	1-wire type	FA1-TH4X24RA1L20S1E	P.226		
					FA1-TH8X24RA1L20S1E	P.228		
			Module mixing possible	2-wire type	FA1-TH16X24RA1L20S1E	P.230		
					FA1-TH4X24RA1H20S1E	P.226		
	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X24RA1H20S1E	P.228	FA1-CB1L**EM1F18	P.152
					FA1-TH16X24RA1H20S1E	P.230		
			Screw	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
			Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
	Common	Discrete cable	Spring clamp	1-wire type	FA1-TH16X24RA1H20S1E	P.230	FA1-CB1L**EM1F18	P.152
					FA1-TE1SV16XY	P.122		
			Screw	1-wire type	FA1-TE2SV16XY	P.122		
					FA1-TE1SV16XY	P.122		
			Module selectable type	Independent	FA1-TH4X2SC20S1E	P.232		
					Mountable module ▶ P.279			
RX40NC6H	Positive common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X2SC20S1E	P.232	FA1-CB1L**EM1F18	P.152
					Mountable module ▶ P.279			
			Screw	1-wire type	FA1-TH4X24RA1L20S1E	P.226		
					FA1-TH8X24RA1L20S1E	P.228		
			Module mixing possible	2-wire type	FA1-TH16X24RA1L20S1E	P.230		
					FA1-TH4X24RA1H20S1E	P.226		
	Negative common	Junction terminal block	Spring clamp	1-wire type	FA1-TH8X24RA1H20S1E	P.228	FA1-CB1L**EM1F18	P.152
					FA1-TH16X24RA1H20S1E	P.230		
			Screw	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
			Module mixing possible	2-wire type	FA1-TH16X24RA1H20S1E	P.230		
					FA1-TH16X24RA1H20S1E	P.230		
	Common	Discrete cable	Spring clamp	1-wire type	FA1-TH16X24RA1H20S1E	P.230	FA1-CB1L**EM1F18	P.152
					FA1-TE1SV16XY	P.122		
			Screw	1-wire type	FA1-TE2SV16XY	P.122		
					FA1-TE1SV16XY	P.122		
			Module selectable type	Independent	FA1-TH4X2SC20S1E	P.232		
					Mountable module ▶ P.279			

*: 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.122	FA-CBL**FM2V	P.157		
						FA1-TE1SV16XY	P.122	FA-CBL**FM2LV	P.158		
						FA1-TE2SD32XY	P.120	FA-CBL**FMV	P.156		
						FA1-TESV32XY	P.120				
						FA1-TE1S32XY	P.120				
			FA-TB32XY	P.128							
					1-wire type	FA-TBS32XY	P.129	FA-CBL**FMV	P.156		
						FA-TB32XYL	P.129				
						FA-TB32XYN3	P.130				
					3-row terminal block		2-wire type	FA-TB8XY1	P.133	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166
			FA-TB8XY2	P.133							
			3-wire type	FA-TB8XY3			P.133				
				FA-TB8XY4			P.133				
					2-wire type	FA-TB16XY1N	P.132	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166		
						FA-TB16XY2N	P.132				
					3-wire type	FA-TB16XY1	P.134				
						FA-TB16XY2	P.134				
					1-wire type	FA-TB16XY	P.128	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158		
						FA-TB16XYPN	P.130	FA-CBL**FM2V	P.157		
					3-wire type	FA-TB16XYPN3	P.131	FA-CBL**FM2LV	P.158		
						3-row terminal block		3-wire type	FA-CB8XY1	P.141	FA-CBL**FMV FA-CBL**MMH (for distributed installation)
		FA-CB8XY2	P.141								
		FA-CB8XY3	P.141								
		FA-CB8XY4	P.141								
				3-wire type	FA-CB16XY1	P.142	FA-CBL**FMV	P.156			
					FA-CB16XY2	P.142					
					3-wire type	FA-LEB16XY			P.144	FA-CBL**FM2V	P.157
						FA-LEB16XY-D			P.144	FA-CBL**FM2LV	P.158
		FA-LEB32XY	P.145			FA-CBL**FMV	P.156				
		FA-LEB32XY-3	P.145								
				3-wire type	FA-LEB32XY-3A	P.145					
	Digital signal converter (terminal module)		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.279	P.232	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169	
						Independent	FA1-TH8X2SC20S1E Mountable module ▶ P.279	P.232	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169	
				24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH4X24RA1L20S1E	P.226			
				24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1L20S1E	P.228			
					Independent		FA1-TH16X24RA1L20S1E	P.230			FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)
						FA1-TH4X24RA1H20S1E	P.226				
					Independent	FA1-TH8X24RA1H20S1E	P.228	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158		
						FA1-TH16X24RA1H20S1E	P.230				
			Screw		24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.234	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
								FA-TH16X24D31	P.235		
								FA-TH16X24D31L	P.236		
								FA-TH16X48D31L	P.237		
	FA-TH16X100D31L	P.238									
	FA-TH16X100A31	P.239									
			2-wire type	FA-TH16X100A31L	P.240	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158				
				FA-TH16X200A31	P.241						
		2-wire type	FA-TH16X200A31L	P.242	FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158					

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

Programmable controller module model		Unit type				Model		Connection cable								
RX41C4 RX41C6HS RX42C4	Common	Junction terminal block	Spring clamp Screw		1-wire type	FA1-TE2SD40P FA-TBS40P	P.124 P.139	FA-CBL**FMV-M	P.182							
		Discrete cable	40-core cable Stranded wire Y-shaped terminal Round terminal					FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154							
			Spring clamp terminal block conversion module (only for the RX41C4 and RX41C6HS)				FA1-TE40PA	P.127								
			Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA1-CB1L**EM2F34	P.152						
		RX41C4-TS	Positive common	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	FA1-TH4X2SC20S1E FA1-TH8X2SC20S1E FA1-TH4X24RA1L20S1E FA1-TH8X24RA1L20S1E FA1-TH16X24RA1L20S1E FA1-TH4X24RA1H20S1E FA1-TH8X24RA1H20S1E FA1-TH16X24RA1H20S1E	P.232 P.232 P.226 P.228 P.230 P.226 P.228 P.230	FA1-CB1L**EM2F34 FA-CBL**MMH20 (for distributed installation)	P.152 P.169					
24VDC, N/O contact relay (positive common)	Module mixing possible					Independent										
							24VDC, N/O contact relay (negative common)									
Negative common	Junction terminal block					Spring clamp		1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY			P.122 P.122	FA1-CB1L**EM2F34	P.152		
Common	Discrete cable					0.75mm ² type (8A max.) 0.3mm ² type (4A max.)							FA1-CB3L07SQ**E1F34 FA1-CB3L03SQ**E1F34	P.151 P.151		
			RX70C4	Positive common	Junction terminal block	Spring clamp	Screw	1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165				
1-wire type	FA-TB16XY FA-TB161AC							P.128 P.147	FA-CBL**TD	P.178						
	2-wire type	FA-TB161ACC2						P.148								
3-wire type		FA-TB16XYPN FA-TB16XYPN3						P.130 P.131	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165						
	e-CON	DIN rail installation only				3-wire type	FA-LEB16XY FA-LEB16XY-D	P.144 P.144								
Negative common							Junction terminal block	Spring clamp	Screw	1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA-CBL**M20 FA-CBL**YM20	P.163 P.164		
										1-wire type	FA-TB16XY FA-TB161AC	P.128 P.147	FA-CBL**TD	P.178		
											2-wire type	FA-TB161ACC2			P.148	
	3-wire type	FA-TB16XYPN FA-TB16XYPN3		P.130 P.131	FA-CBL**M20 FA-CBL**YM20	P.163 P.164										
		e-CON		DIN rail installation only	3-wire type	FA-LEB16XY FA-LEB16XY-D		P.144 P.144								
	RX71C4 RX72C4 RX61C6HS		Positive common			Junction terminal block		Spring clamp	Screw	1-wire type	FA1-TE2SD32XY FA1-TESV32XY FA1-TE1S32XY	P.120 P.120 P.120	FA-CBL**FMV	P.156		
											1-wire type	FA-TB32XY FA-TBS32XY			P.128 P.129	
												2-wire type			FA-TB32XYN3	P.130
3-wire type		FA-TB8XY1 FA-TB8XY2 FA-TB8XY3 FA-TB8XY4		P.133 P.133 P.133 P.133	FA-CBL**FMV FA-CBL**MMH (for distributed installation)		P.156 P.166									
		2-wire type		FA-TB16XY1N FA-TB16XY2N						P.132 P.132						
				3-wire type						FA-TB16XY1 FA-TB16XY2	P.134 P.134					
		One-touch connector								3-wire type	FA-CB8XY1 FA-CB8XY2 FA-CB8XY3 FA-CB8XY4 FA-CB16XY1 FA-CB16XY2	P.141 P.141 P.141 P.141 P.142 P.142	FA-CBL**FMV FA-CBL**MMH (for distributed installation)	P.156 P.166		
				3-wire type							FA-LEB32XY FA-LEB32XY-3A	P.145 P.145				
											Junction terminal block	Spring clamp			Screw	1-wire type
1-wire type				FA-TB16XY FA-TB16XYPN	P.128 P.130											
				3-wire type	FA-TB16XYPN3		P.131				FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158				
e-CON					DIN rail installation only		3-wire type								FA-LEB16XY FA-LEB16XY-D	P.144 P.144

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

Programmable controller module model		Unit type				Model		Connection cable			
RX71C4 RX72C4 RX61C6HS	Negative common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD32XY FA1-TESV32XY FA1-TE1S32XY FA-TB32XY FA-TBS32XY	FA-CBL**FMVE	P.159			
			Small-size terminal block	1-wire type	FA-TB32XY FA-TBS32XY						
				3-row terminal block	2-wire type	FA-TB32XYP3					
			Screw	Distributed 8-point (0 to 7)	3-wire type	FA-TB8XY1 FA-TB8XY2 FA-TB8XY3 FA-TB8XY4	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166			
				Distributed 8-point (8 to F)							
				Distributed 8-point (10 to 17)							
				Distributed 8-point (18 to 1F)	3-wire type	FA-TB8XY4 FA-TB16XY1 FA-TB16XY2	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166			
				Distributed 16-point (0 to F)							
				Distributed 16-point (10 to 1F)							
				One-touch connector	Distributed 8-point (0 to 7)	3-wire type	FA-CB8XY1 FA-CB8XY2 FA-CB8XY3 FA-CB8XY4	FA-CBL**FMVE FA-CBL**MMH (for distributed installation)	P.159 P.166		
			Distributed 8-point (8 to F)								
			Distributed 8-point (10 to 17)								
			Distributed 8-point (18 to 1F)		3-wire type	FA-CB16XY1 FA-CB16XY2					
			Distributed 16-point (0 to F)								
			Distributed 16-point (10 to 1F)								
			e-CON	3-wire type	FA-LEB32XY FA-LEB32XY-3 FA-LEB32XY-3A	FA-CBL**FMVE	P.159				
	Common	Junction terminal block	Spring clamp		1-wire type	FA1-TE2SD40P FA-TBS40P	FA-CBL**FMV-M	P.182			
			Screw								
		Discrete cable					FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154			
			Spring clamp terminal block conversion module (only for the RX71C4 and RX61C6HS)				FA1-TE40PA	P.127			
	RY10R2		Junction terminal block	Screw	1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178		
				2-wire type	FA-TB161ACC2	P.148					
RX10-TS		Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F18	P.151		
			0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F18	P.151		
RY18R2A		Junction terminal block	Screw		FA-TB18XY		P.147	FA-CBL**TD	P.178		
RY20S6		Junction terminal block	Screw	1-wire type	FA-TB161AC	P.147	FA-CBL**TD	P.178			
				2-wire type	FA-TB161ACC2	P.148					
RY40NT5P		Junction terminal block	Spring clamp		1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY	P.122 P.122	FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20	P.163 P.164 P.165		
			Screw	1-wire type	FA-TB16XY FA-TB161AC	P.128 P.147					
					FA-TB161ACC1 FA-TB16XYPN	P.148 P.130					
				3-row terminal block	3-wire type	FA-TB16XYPN3 FA-LEB16XY FA-LEB16XY-D	P.131 P.144 P.144				
					e-CON	3-wire type					
				Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.279 P.244 FA1-TH8Y2SC20S1E Mountable module ▶ P.279 P.246 FA1-TH16Y2SC20S1E Mountable module ▶ P.279 P.255		FA-CBL**M20 FA-CBL**YM20 FA-CBL**TMV20 FA-CBL**MMH20 (for distributed installation)
			N/O contact relay			Module mixing possible	Independent	FA1-TH16Y2RA20S1E	P.250		
			Triac, 1.0A			Module mixing possible	Independent	FA1-TH16Y1SR20S1E	P.252		
			Transistor, 1.0A			Module mixing possible	Independent	FA1-TH16Y1TR20S1E	P.254		
			Screw			N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.256	
		2-wire type						FA-TH16YRA21	P.257		
		Independent						FA-TH16YRA20	P.258		
		Module replaceable					1-wire type	FA-TH16YRA11S	P.259		
							2-wire type	FA-TH16YRA21S	P.260		
							Independent	FA-TH16YRA20S	P.261		
		Module mixing possible			Independent	FA-TH16YRA20SL	P.263				
					Independent	FA-TH16YRAB20SL	P.264				
					Independent	FA-TH16YRAC20S	P.265				
		Triac, 1.0A			Module replaceable	1-wire type	FA-TH16YSR11S	P.266			
						2-wire type	FA-TH16YSR21S	P.267			
					Independent	FA-TH16YSR20S	P.268				
		Transistor, 1.0A (sink)			Module replaceable	1-wire type	FA-TH16YTL11S	P.269			
						2-wire type	FA-TH16YTL21S	P.270			
					Independent	FA-TH16YTH11S	P.271				
		Transistor, 1.0A (source)	Module replaceable		1-wire type	FA-TH16YTH11S	P.271				
			Independent		FA-TH16YTR20S	P.273					
		Transistor, 2.0A	Independent		FA-TH16YTR20S	P.274					

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

Programmable controller module model	Unit type					Model	Connection cable							
RY40NT5P-TS	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122	FA1-CB1L**EM1F18 P.152							
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.279 P.244 FA1-TH8Y2SC20S1E Mountable module ▶ P.279 P.246 FA1-TH16Y2SC20S1E Mountable module ▶ P.280 P.255	FA1-CB1L**EM1F18 P.152 FA-CBL**MMH20 P.169 (for distributed installation)							
						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.)					FA1-CB3L07SQ**E1F18 P.152							
		0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F18 P.152							
RY40PT5P RY40PT5B	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122	FA-CBL**M20 P.163 FA-CBL**YM20 P.164 FA-CBL**TMV20 P.165							
					Screw	1-wire type	FA-TB16XY P.128 FA-TB161AC P.147	FA-CBL**TD P.178						
						2-wire type	FA-TB161ACC2 P.148 FA-TB16XYPN P.130							
		e-CON		3-wire type	FA-TB16XYPN3 P.131 FA-LEB16XY P.144	FA-CBL**M20 P.163 FA-CBL**YM20 P.164 FA-CBL**TMV20 P.165								
				DIN rail installation only	3-wire type	FA-LEB16XY-D P.144								
		Digital signal converter (terminal module)		Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279 P.244 FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279 P.246 FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280 P.249	FA-CBL**M20 P.163 FA-CBL**YM20 P.164 FA-CBL**TMV20 P.165 FA-CBL**MMH20 P.169 (for distributed installation)					
	N/O contact relay		Module mixing possible					Independent		FA1-TH1E16Y2RA20S1E P.251				
	Triac, 1.0A							Independent		FA1-TH1E16Y1SR20S1E P.253				
	Transistor, 1.0A							Independent		FA1-TH1E16Y1TR20S1E P.248				
	Screw		N/O contact relay					Module mixing possible		Independent	FA1-TH1E16Y2RA20S P.262			
			Transistor, 1.0A (source)					Module replaceable		1-wire type	FA-THE16YTH11S P.272			
			Transistor, 1.0A	Module mixing possible	Independent	FA-THE16YTR20S P.275								
			Junction terminal block	Spring clamp	1-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122	FA1-CB1L**EM1F18 P.152							
						Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279 P.244 FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279 P.246 FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280 P.249	FA1-CB1L**EM1F18 P.152 FA-CBL**MMH20 P.169 (for distributed installation)		
	N/O contact relay										Module mixing possible		Independent	FA1-TH1E16Y2RA20S1E P.251
	Triac, 1.0A												Independent	FA1-TH1E16Y1SR20S1E P.253
	Transistor, 1.0A	Independent	FA1-TH1E16Y1TR20S1E P.248											
Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F18 P.151								
	0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F18 P.151								
RY41NT2P RY42NT2P RY41NT2H	Junction terminal block	Spring clamp			1-wire type	FA1-TE2SD32XY P.120 FA1-TESV32XY P.120 FA1-TE1S32XY P.120	FA-CBL**FMV P.156							
					Screw	Small-size terminal block		1-wire type	FA-TB32XY P.128 FA-TBS32XY P.129					
								1-wire type	FA-TB32XYL P.129					
		3-row terminal block		2-wire type		FA-TB32XYP3 P.130								
				Distributed 8-point (0 to 7)		3-wire type	FA-TB8XY1 P.133 FA-TB8XY2 P.133 FA-TB8XY3 P.133	FA-CBL**FMV P.156 FA-CBL**MMH P.166 (for distributed installation)						
		Distributed 8-point (8 to F)					3-wire type		FA-TB8XY4 P.133					
		Distributed 8-point (10 to 17)							3-wire type	FA-TB16XY1 P.134 FA-TB16XY2 P.134				
		Distributed 8-point (18 to 1F)		3-wire type		FA-CB8XY1 P.141 FA-CB8XY2 P.141 FA-CB8XY3 P.141	FA-CBL**FMV P.156 FA-CBL**MMH P.166 (for distributed installation)							
		Distributed 8-point (16 to 1F)			3-wire type	FA-CB8XY4 P.141 FA-CB16XY1 P.142 FA-CB16XY2 P.142								
		Distributed 16-point (0 to F)		3-wire type		FA-LEB32XY P.145 FA-LEB32XY-3 P.145 FA-LEB32XY-3A P.145	FA-CBL**FMV P.156							
		Distributed 16-point (10 to 1F)			3-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122		FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158						
		One-touch connector					3-wire type		FA-TB16XY P.128 FA-TB16XYPN P.130 FA-TB16XYPN3 P.131	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158				
					3-wire type			FA-LEB16XY P.144 FA-LEB16XY-D P.144						
								3-wire type						
					3-wire type									
								3-wire type						
					Junction terminal block				Spring clamp		1-wire type	FA1-TE2SV16XY P.122 FA1-TE1SV16XY P.122	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158	
		Screw		1-wire type		FA-TB16XY P.128 FA-TB16XYPN P.130 FA-TB16XYPN3 P.131	FA-CBL**FM2V P.157 FA-CBL**FM2LV P.158							
	3-wire type		FA-LEB16XY P.144 FA-LEB16XY-D P.144											
			3-wire type											
	e-CON			DIN rail installation only										

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

Programmable controller module model	Unit type					Model		Connection cable					
RY41NT2P RY42NT2P RY41NT2H	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.279		FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169				
						P.244							
						FA1-TH8Y2SC20S1E Mountable module ▶ P.279							
			P.246										
			FA1-TH16Y2SC20S1E Mountable module ▶ P.280										
			P.255										
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E				P.250			
						P.252							
						FA1-TH16Y1SR20S1E							
			P.254										
			1-wire type	FA-TH16YRA11		P.256							
				FA-TH16YRA21			P.257						
				FA-TH16YRA20									
			2-wire type	FA-TH16YRA11S		P.259							
				FA-TH16YRA21S			P.260						
				FA-TH16YRA20S									
			P.261										
			Module mixing possible	Independent	FA-TH16YRA20SL		P.263						
	P.264												
	FA-TH16YRAB20SL												
	P.265												
	Triac, 1.0A	Module replaceable	1-wire type	FA-TH16YSR11S		P.266							
				FA-TH16YSR21S			P.267						
				FA-TH16YSR20S									
	P.268												
Transistor, 1.0A (sink)	Module replaceable	1-wire type	FA-TH16YTL11S		P.269								
			FA-TH16YTL21S			P.270							
			FA-TH16YTH11S										
P.271													
Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTR20S		P.273								
			FA-TH16YTR20S			P.274							
			FA-TH16Y2TR20										
P.274													
Junction terminal block	Spring clamp				1-wire type	FA1-TE2SD40P		FA-CBL**FMV-M	P.182				
		Screw		FA-TBS40P									
Discrete cable								FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.153 P.154 P.154 P.154				
Spring clamp terminal block conversion module (only for the RY41NT2P and RY41NT2H)						FA1-TE40PA		P.127					
RY41NT2P-TS	Junction terminal block	Spring clamp				1-wire type	FA1-TE2SV16XY FA1-TE1SV16XY		FA1-CB1L**EM2F34	P.152			
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.279		FA1-CB1L**EM2F34 FA-CBL**MMH20 (for distributed installation)	P.152 P.169				
						P.244							
						FA1-TH8Y2SC20S1E Mountable module ▶ P.279							
						P.246							
						FA1-TH16Y2SC20S1E Mountable module ▶ P.280							
	P.255												
	N/O contact relay	Module mixing possible	Independent	FA1-TH16Y2RA20S1E		P.250							
				FA1-TH16Y1SR20S1E			P.252						
				FA1-TH16Y1TR20S1E									
	P.254												
	Discrete cable	0.75mm ² type (8A max.) 0.3mm ² type (4A max.)							FA1-CB3L07SQ**E1F34 FA1-CB3L03SQ**E1F34	P.151 P.151			
RY41PT1P RY42PT1P RY41PT2H	Junction terminal block	Spring clamp				1-wire type	FA1-TE2SD32XY FA1-TESV32XY FA1-TE1S32XY		FA-CBL**FMV	P.156			
			P.120										
			FA-TB32XY		1-wire type	FA-TB32XYH		P.128					
			P.128										
			FA-TBS32XY			P.129							
			P.129										
		Screw							1-wire type	FA-TB32XYN3		P.130	
						FA-TB8XY1				P.133			
						FA-TB8XY2					P.133		
						FA-TB8XY3							P.133
						FA-TB8XY4				P.133			
						FA-TB16XY1N					P.132		
						2-wire type			FA-TB16XY2N			P.132	
									FA-TB16XY1				P.134
									FA-TB16XY2		P.134		
						3-wire type			FA-CB8XY1			P.141	
									FA-CB8XY2				P.141
									FA-CB8XY3		P.141		
									FA-CB8XY4				
									FA-CB16XY1				P.142
		FA-CB16XY2		P.142									
		FA-LEB32XY			P.145								
		FA-LEB32XY-3					P.145						
		FA-LEB32XY-3A		P.145									
		One-touch connector								3-wire type	FA1-TE2SV16XY		FA-CBL**FMV FA-CBL**MMH (for distributed installation)
							P.122						
				FA1-TE1SV16XY			P.122						
				FA-TB16XY							P.128		
	FA-TB16XYPN			P.130									
	FA-TB16XYPN3						P.131						
	e-CON								3-wire type	FA-LEB16XY		FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158
				P.144									
FA-LEB16XY-D				P.144									
FA-LEB16XY							P.144						
FA-LEB16XY-D										P.144			
FA-LEB16XY				P.144									
Junction terminal block	Spring clamp				1-wire type	FA1-TE2SV16XY		FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158				
		P.122											
		FA1-TE1SV16XY		P.122									
		FA-TB16XY				P.128							
		FA-TB16XYPN					P.130						
		FA-TB16XYPN3		P.131									
Screw								3-wire type	FA-LEB16XY		FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158	
							P.144						
				FA-LEB16XY-D			P.144						
				FA-LEB16XY					P.144				
				FA-LEB16XY-D						P.144			
				FA-LEB16XY			P.144						
e-CON						3-wire type		FA-LEB16XY			FA-CBL**FM2V FA-CBL**FM2LV	P.157 P.158	
								P.144					
							FA-LEB16XY-D		P.144				
							FA-LEB16XY			P.144			
							FA-LEB16XY-D						P.144
							FA-LEB16XY		P.144				

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

Programmable controller module model	Unit type					Model	Connection cable	
RY41PT1P RY42PT1P RY41PT2H	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279	FA-CBL**FM2V FA-CBL**FM2LV FA-CBL**MMH20 (for distributed installation)	P.157 P.158 P.169
						FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279		
						FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280		
			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E		
						FA1-TH1E16Y1SR20S1E		
		Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E			
		Transistor, 1.0A			FA1-TH1E16Y1TR20S1E			
		Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S		
			Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-THE16YTH11S		
	Transistor, 1.0A		Module mixing possible	Independent	FA-THE16YTR20S			
	Junction terminal block	Spring clamp Screw				FA1-TE2SD40P	FA-CBL**FMV-M	P.182
						FA-TBS40P		
	Discrete cable							FA-CBL**FV FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR
Spring clamp terminal block conversion module (only for the RY41PT1P and RY41PT2H)						FA1-TE40PA	P.127	
RY41PT1P-TS	Junction terminal block	Spring clamp				FA1-TE2SV16XY	FA1-CB1L**EM2F34	P.152
				FA1-TE1SV16XY	P.122			
	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E Mountable module ▶ P.279	FA1-CB1L**EM2F34 FA-CBL**MMH20 (for distributed installation)	P.152 P.169
						FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279		
						FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280		
			N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S1E		
					Independent	FA1-TH1E16Y1SR20S1E		
	Triac, 1.0A	Module mixing possible	Independent	FA1-TH1E16Y1TR20S1E				
	Transistor, 1.0A		FA1-TH1E16Y1TR20S1E					
	Discrete cable	0.75mm ² type (8A max.)					FA1-CB3L07SQ**E1F34	P.151
		0.3mm ² type (4A max.)					FA1-CB3L03SQ**E1F34	P.151
RH42C4NT2P	For the input side, refer to the specifications of the RX41C4. For the output side, refer to the specifications of the RY41NT2P.							

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