

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.232	FA-CBL**M20	P.163			
			24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH4X24RA1L20S1E P.226					
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1H20S1E P.226					
SWL11-TR08	Digital input side (8 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.232	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.163 P.169			
			24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH8X2SC20S1E Mountable module ▶ P.232					
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.226					
			FA1-TH8X24RA1L20S1E P.228								
			FA1-TH4X24RA1H20S1E P.226								
			FA1-TH8X24RA1H20S1E P.228								
SWLEX-XY16	Digital input side (16 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X2SC20S1E Mountable module ▶ P.232	FA-CBL**M20	P.163			
			24VDC, N/O contact relay (positive common)	Module mixing possible		FA1-TH8X2SC20S1E Mountable module ▶ P.232					
			24VDC, N/O contact relay (negative common)			FA1-TH4X24RA1L20S1E P.226					
			FA1-TH8X24RA1L20S1E P.230								
			FA1-TH4X24RA1H20S1E P.226								
			FA1-TH8X24RA1H20S1E P.228								
		Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA1-TH16X24RA1H20S1E P.230					
			24VDC, 10mA	2-wire type		FA1-TH16X24D31 P.235					
			48VDC, 5mA	2-wire type	FA1-TH16X48D31L P.237						
			100VDC, 2.5mA	2-wire type	FA1-TH16X100D31L P.238						
			100VAC, 8mA	2-wire type	FA1-TH16X100A31 P.239						
			200VAC, 7.5mA	2-wire type	FA1-TH16X200A31 P.241						
			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.239	FA-CBL**M20	P.163
						SWL11-TR08	Digital output side (8 points)		Spring clamp		
SWLEX-XY16	Digital output side (16 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E Mountable module ▶ P.239	FA-CBL**M20 FA-CBL**MMH20 (for distributed installation)	P.163 P.169			
			N/O contact relay	Module mixing possible		Independent			FA1-TH16Y2SC20S1E Mountable module ▶ P.280		
			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	FA1-TH16YRA11 P.256	
									Independent	FA1-TH16YRA21 P.257	
		1-wire type			FA1-TH16YRA20 P.258						
		2-wire type			FA1-TH16YRA11S P.259						
		Module replaceable		2-wire type	FA1-TH16YRA21S P.260						
				Independent	FA1-TH16YRA20S P.261						
				N/C contact relay	Module mixing possible	Independent	FA1-TH16YRA20SL P.263				
						Independent	FA1-TH16YRAB20SL P.264				
		C/O contact relay		Module replaceable	Independent	FA1-TH16YRAC20S P.265					
					1-wire type	FA1-TH16YSR11S P.266					
		Triac, 1.0A		Module replaceable	2-wire type	FA1-TH16YSR21S P.267					
					Independent	FA1-TH16YSR20S P.268					
		Transistor, 1.0A (sink)		Module replaceable	1-wire type	FA1-TH16YTL11S P.269					
					2-wire type	FA1-TH16YTL21S P.270					
			Transistor, 1.0A		Module mixing possible	Independent	FA1-TH16YTR20S P.273				
						Independent	FA1-TH16Y2TR20 P.274				
SWLEX-AD4	Analog input (4 points)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-AT1B4X1TE Mountable module ▶ P.284	FA-CBL**ATF	P.301			
		Screw	Installation base unit	Module selectable type		Independent			FA1-AT1B4X1TB Mountable module ▶ P.284		

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 ▶ P.279	P.232	FA-CBL**MMH20 (also used for unit distribution)	P.169					
				24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E Mountable module ▶ P.279	P.232							
							FA1-TH4X24RA1L20S1E	P.226							
							FA1-TH8X24RA1L20S1E	P.228							
							FA1-TH16X24RA1L20S1E	P.230							
							FA1-TH4X24RA1H20S1E	P.226							
			24VDC, N/O contact relay (negative common)			FA1-TH8X24RA1H20S1E	P.228								
						FA1-TH16X24RA1H20S1E	P.230								
			Screw	24VDC, N/O contact relay	Module mixing possible	Independent	FA-TH16XRA20S	P.234	FA-CBL**MMH20	P.169					
				24VDC, 10mA	2-wire type	FA-TH16X24D31	P.235								
						FA-TH16X24D31L	P.236								
						FA-TH16X48D31L	P.237								
						FA-TH16X100D31L	P.238								
						FA-TH16X100A31L	P.239								
100VAC, 8mA	2-wire type	FA-TH16X100A31L	P.240												
		FA-TH16X200A31	P.241												
200VAC, 7.5mA	2-wire type	FA-TH16X200A31L	P.242												
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 ▶ P.279	P.244	FA-CBL**MMH20 (also used for unit distribution)	P.169					
				N/O contact relay	Module mixing possible	Independent	FA1-TH8Y2SC20S1E Mountable module ▶ P.279	P.246							
							FA1-TH16Y2SC20S1E Mountable module ▶ P.280	P.252							
							FA1-TH16Y2RA20S1E	P.250							
							FA1-TH16Y1SR20S1E	P.252							
							FA1-TH16Y1TR20S1E	P.254							
			Screw	N/O contact relay	Module replaceable	1-wire type	FA-TH16YRA11	P.256	FA-CBL**MMH20	P.169					
							2-wire type	FA-TH16YRA21			P.257				
								Independent			FA-TH16YRA20	P.258			
								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								
					N/C contact relay	Module mixing possible	Independent	FA-TH16YRAB20SL			P.264				
				C/O contact relay	Module replaceable	Independent	FA-TH16YRAC20S	P.265							
							FA-TH16YSR11S	P.266							
				Triac, 1.0A	Module replaceable	2-wire type	FA-TH16YSR21S	P.267							
							Independent	FA-TH16YSR20S			P.268				
				Transistor, 1.0A (sink)	Module replaceable	2-wire type	FA-TH16YTL11S	P.269							
							FA-TH16YTL21S	P.270							
				Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH16YTH11S	P.271							
							FA-TH16YTR20S	P.273							
Transistor, 1.0A	Module mixing possible	Independent	FA-TH16YTR20S	P.273											
			FA-TH16Y2TR20	P.274											
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 ▶ P.279	P.244	FA2-CB1L**MM1H20E	P.171					
				N/O contact relay	Module mixing possible	Independent	FA1-TH1E8Y2SC20S1E Mountable module ▶ P.279	P.246							
							FA1-TH1E16Y2SC20S1E Mountable module ▶ P.280	P.249							
							FA1-TH1E16Y2RA20S1E	P.251							
							FA1-TH1E16Y1SR20S1E	P.253							
							FA1-TH1E16Y1TR20S1E	P.248							
			Screw	N/O contact relay	Module mixing possible	Independent	FA1-TH1E16Y2RA20S	P.262	FA2-CB1L**MM1H20E	P.171					
							FA-TH1E16YTH11S	P.272							
				Transistor, 1.0A (source)	Module replaceable	1-wire type	FA-TH1E16YTH11S	P.272							
							FA-TH1E16YTR20S	P.275							
				Transistor, 1.0A	Module mixing possible	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 P.232	ASLINK TERMINAL - digital signal converter cable FA4-CB4L01ZM12	P.216
24VDC, N/O contact relay (positive common)	Module mixing possible	Independent	FA1-TH8X2SC20S1E P.232												
24VDC, N/O contact relay (negative common)	Module mixing possible	Independent	FA1-TH4X24RA1L20S1E P.226												
FA1-TH8X24RA1L20S1E P.228															
BL296PB-08F-20	Sink output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4X24RA1H20S1E P.226	Cable between distributed units FA-CBL**MMH20	P.169						
				FA1-TH8X24RA1H20S1E P.228											
BL296PB-08FS-20	Source output	Digital signal converter (terminal module)	Spring clamp	Installation base unit	Module selectable type	Independent	FA1-TH4Y2SC20S1E P.244								
				FA1-TH8Y2SC20S1E P.246											
BL296XB-08F-20	I/O combined			Installation base unit	Module selectable type	Independent	FA1-TH1E4Y2SC20S1E P.244								
				FA1-TH1E8Y2SC20S1E P.246											
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 source 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.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
CJ1W-ID232 CJ1W-ID262 CJ1W-ID233		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184
CJ1W-OD231 CJ1W-OD261	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
CJ1W-OD232 CJ1W-OD233 CJ1W-OD262 CJ1W-OD263 CJ1W-OD234		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184
CJ1W-MD261	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
CJ1W-MD263 CJ1W-MD563		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184

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.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
CS1W-OD231 CS1W-OD232 CS1W-OD261 CS1W-OD262	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
CS1W-MD261 CS1W-MD262 CS1W-MD561	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154

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.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
DRT2-ID32ML DRT2-ID32ML-1		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184
GT1-OD32ML GT1-OD32ML-1	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**FMH	P.180
			Discrete cable					FA-BCBL**FFBL FA-BCBL**FFBLY FA-BCBL**FFBLR	P.154 P.154 P.154
DRT2-OD32ML DRT2-OD32ML-1		Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184
DRT2-MD32ML DRT2-MD32ML-1	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184

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.139	FA-CBL**MMH-R	P.184
SRT2-OD32ML SRT2-OD32ML-1	Output	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184
SRT2-MD32ML SRT2-MD32ML-1	I/O combined	Junction terminal block	Screw	Small-size terminal block	1-wire type	FA-TBS40P	P.139	FA-CBL**MMH-R	P.184