

## Motion CPU Modules

See Motion Controller Section in this Guide.

### Base Units

#### Main Base Units

Model Number	R33B	R35B	R38B	R312B	R310B-HT
Stocked Item	S	S	S	S	S
Certification	UL • CE	UL • cUL • CE			
Number of Mountable I/O Modules	3	5	8	12	10
DIN Rail Adapter Model	R6DIN1	R6DIN1			
Internal Current Consumption (5 VDC)	0.46A	0.58A	0.71A	0.88A	0.82A
Mounting Hole Size	M4 screw hole or $\phi$ 4.5 hole (for M4 screw)				
Operating Ambient Temperature	Standard (0 to 55°C)				Extended (0 to 60°C)
External Dimensions (H x W x D) mm	101 x 189 x 32.5	101 x 245 x 32.5	101 x 328 x 32.5	101 x 439 x 32.5	101 x 439 x 32.5
Weight (kg)	0.31	0.41	0.55	0.72	0.69

#### Redundant Power Supply Main Base Units

Model Number	R310RB	R38RB-HT
Stocked Item	-	-
Certification	UL • cUL • CE	
Number of Mountable I/O Modules	10	8
DIN Rail Adapter Model	R6DIN1	
Internal Current Consumption (5 VDC)	0.91A	0.86A
Mounting Hole Size	M4 screw hole or $\phi$ 4.5 hole (for M4 screw)	
Operating Ambient Temperature	Standard (0 to 55°C)	Extended (0 to 60°C)
External Dimensions (H x W x D) mm	101 x 439 x 32.5	101 x 439 x 32.5
Weight (kg)	0.73	0.72

#### Extension Base Units

Model Number	R65B	R68B	R612B	R610B-HT
Stocked Item	S	S	S	S
Certification	UL • cUL • CE			
Number of Mountable I/O Modules	5	8	12	10
DIN Rail Adapter Model	R6DIN1			
Internal Current Consumption (5 VDC)	0.70A	0.81A	0.92A	0.85A
Mounting Hole Size	M4 screw hole or $\phi$ 4.5 hole (for M4 screw)			
Operating Ambient Temperature	Standard (0 to 55°C)			Extended (0 to 60°C)
External Dimensions (H x W x D) mm	101 x 245 x 32.5	101 x 328 x 32.5	101 x 439 x 32.5	101 x 439 x 32.5
Weight (kg)	0.41	0.55	0.73	0.72

#### Redundant Power Supply Extension Base Units

Model Number	R610RB	R68RB-HT
Stocked Item	-	-
Certification	UL • cUL • CE	
Number of Mountable I/O Modules	10	8
DIN Rail Adapter Model	R6DIN1	
Internal Current Consumption (5 VDC)	0.97A	0.93A
Mounting Hole Size	M4 screw hole or $\phi$ 4.5 hole (for M4 screw)	
Operating Ambient Temperature	Standard (0 to 55°C)	Extended (0 to 60°C)
External Dimensions (H x W x D) mm	101 x 439 x 32.5	101 x 439 x 32.5
Weight (kg)	0.73	0.72

### Extension Cables

Model Number	RC06B	RC12B	RC30B	RC50B	RC100B
Stocked Item	S	S	S	S	S
Certification	UL • cUL • CE				
Length (m)	0.6	1.2	3.0	5.0	10.0
Weight (kg)	0.15	0.21	0.40	0.60	1.12

### RQ Extension Base Units (for MELSEC-Q Series Modules)

RQ Extension Base Units are used to incorporate Q Series modules onto an iQ-R Series system.

Model Number	RQ65B	RQ68B	RQ612B
Stocked Item	S	S	S
Certification	UL • cUL • CE		
Number of Mountable I/O Modules	5	8	12
DIN Rail Adapter Model	Q6DIN2	Q6DIN1	
Internal Current Consumption (5 VDC)	0.28A	0.31A	0.32A
Mounting Hole Size	M4 screw hole or $\phi$ 4.5 hole (for M4 screw)		
External Dimensions (H x W x D) mm	98 x 245 x 44.1	98 x 328 x 44.1	98 x 439 x 44.1
Weight (kg)	0.32	0.41	0.55