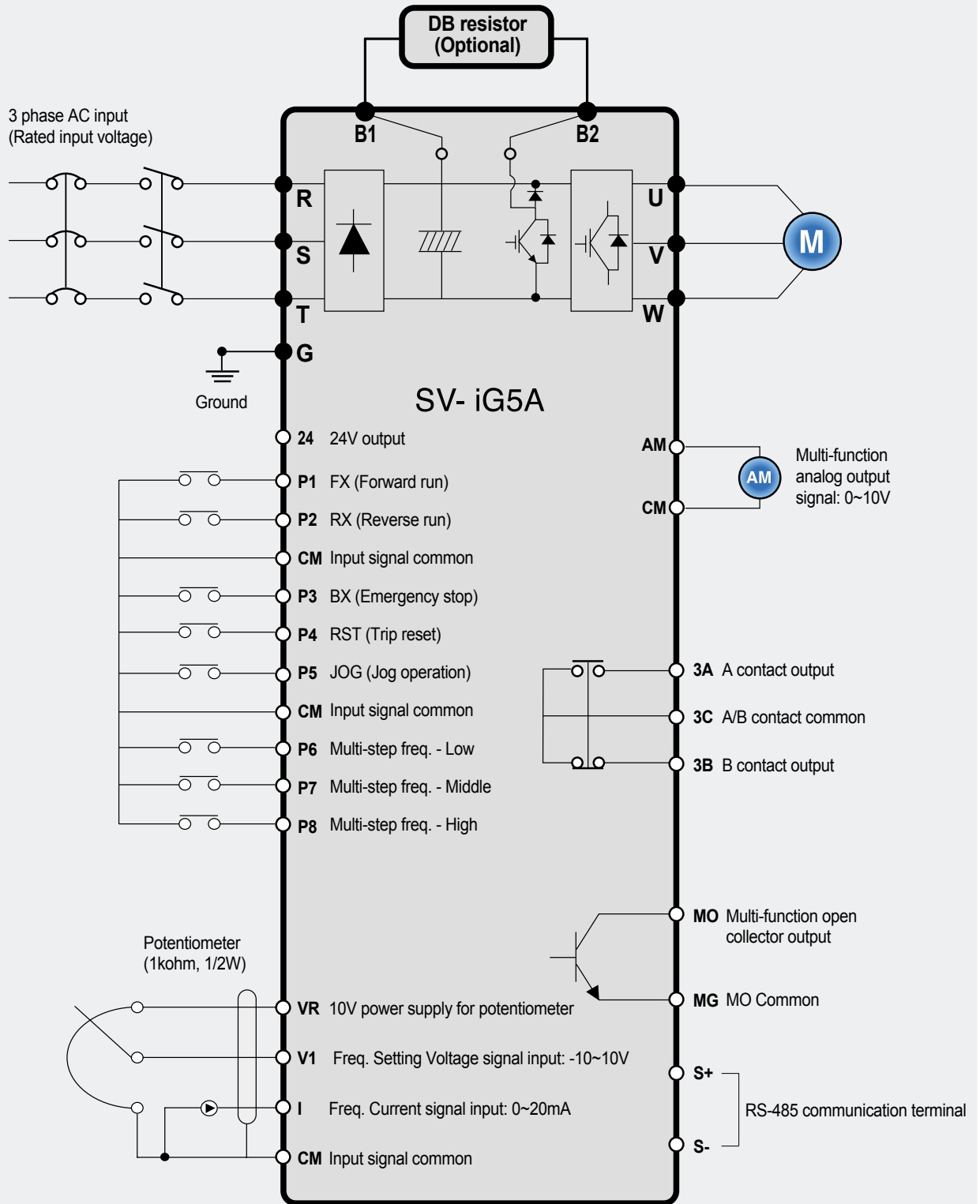
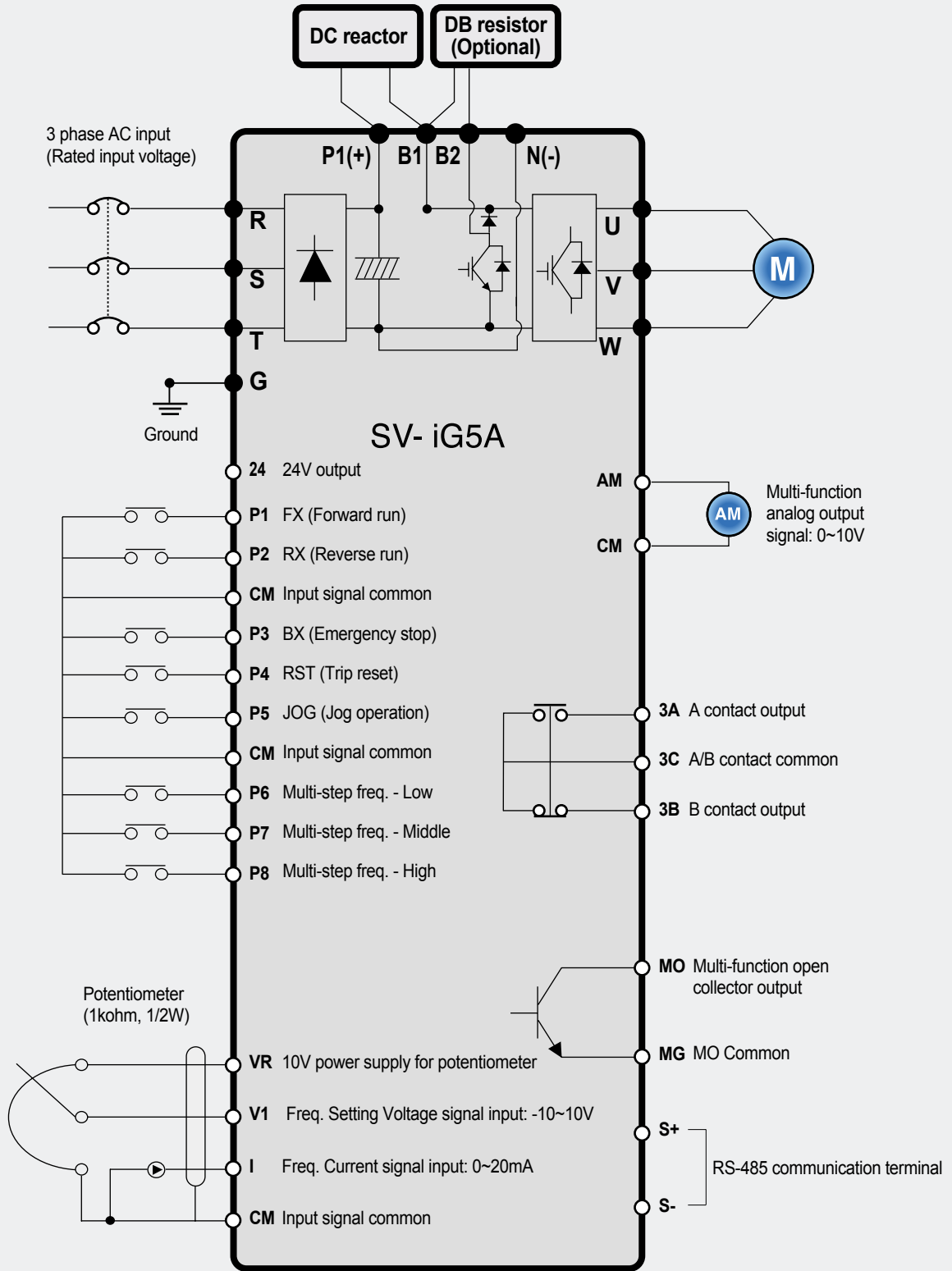


Wiring

0.4~7.5kW

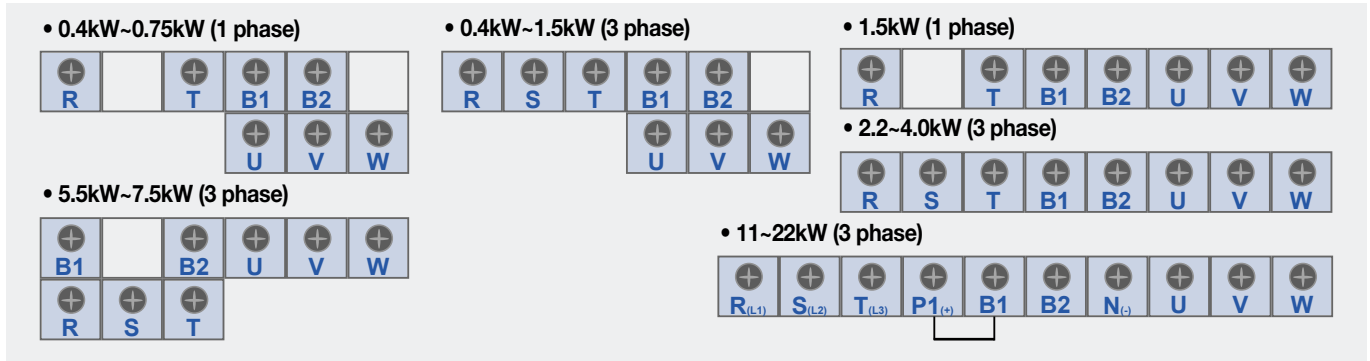


11.0~22.0kW



Terminal Configuration

Specifications for power terminal block wiring



	R, S, T wire		U, V, W wire		Ground wire		Terminal Screw Size	Screw Torque (kgf.cm) / lb-in
	mm ²	AWG	mm ²	AWG	mm ²	AWG		
SV004iG5A-1	2	14	2	14	3.5	12	M3.5	10/8.7
SV008iG5A-1	2	14	2	14	3.5	12	M3.5	10/8.7
SV015iG5A-1	2	14	2	14	3.5	12	M4	15/13
SV004iG5A-2	2	14	2	14	3.5	12	M3.5	10/8.7
SV008iG5A-2	2	14	2	14	3.5	12	M3.5	10/8.7
SV015iG5A-2	2	14	2	14	3.5	12	M3.5	10/8.7
SV022iG5A-2	2	14	2	14	3.5	12	M4	15/13
SV037iG5A-2	3.5	12	3.5	12	3.5	12	M4	15/13
SV040iG5A-2	3.5	12	3.5	12	3.5	12	M4	15/13
SV055iG5A-2	5.5	10	5.5	10	5.5	10	M5	32/28
SV075iG5A-2	8	8	8	8	5.5	10	M5	32/28
SV110iG5A-2	14	6	14	6	14	6	M6	30.7/26.6
SV150iG5A-2	22	4	22	4	14	6	M6	30.7/26.6
SV185iG5A-2	30	2	30	2	22	4	M8	30.5/26.5
SV220iG5A-2	38	2	30	2	22	4	M8	30.5/26.5
SV004iG5A-4	2	14	2	14	2	14	M3.5	10/8.7
SV008iG5A-4	2	14	2	14	2	14	M3.5	10/8.7
SV015iG5A-4	2	14	2	14	2	14	M4	15/13
SV022iG5A-4	2	14	2	14	2	14	M4	15/13
SV037iG5A-4	2	14	2	14	2	14	M4	15/13
SV040iG5A-4	2	14	2	14	2	14	M4	15/13
SV055iG5A-4	3.5	12	2	14	3.5	12	M5	32/28
SV075iG5A-4	3.5	12	3.5	12	3.5	12	M5	32/28
SV110iG5A-4	5.5	10	5.5	10	8	8	M5	30.7/26.6
SV150iG5A-4	14	6	8	8	8	8	M5	30.7/26.6
SV185iG5A-4	14	6	8	8	14	6	M6	30.5/26.5
SV220iG5A-4	22	4	14	6	14	6	M6	30.5/26.5

Terminal Configuration

Control terminal specifications



Terminal	Description	Wire size (mm ²)		Screw size	Torque (Nm) ¹⁾	Specification
		Single wire	Stranded			
P1~P8	Multi-function input T/M 1-8	1.0	1.5	M2.6	0.4	
CM	Common terminal	1.0	1.5	M2.6	0.4	
VR	Power supply for external potentiometer	1.0	1.5	M2.6	0.4	Output voltage: 12V Max. output current: 100mA Potentiometer: 1~5kohm
V1	Input terminal for voltage operation	1.0	1.5	M2.6	0.4	Max. input voltage: -12V~+12V input
I	Input terminal for current operation	1.0	1.5	M2.6	0.4	0~20mA input Internal resistor: 500ohm
AM	Multi-function analog output terminal	1.0	1.5	M2.6	0.4	Max. output voltage: 11V Max. output current: 100mA
MO	Multi-function terminal for open collector	1.0	1.5	M2.6	0.4	Below DC 26V, 100mA
MG	Ground terminal for external power supply	1.0	1.5	M2.6	0.4	
24	24V external power supply	1.0	1.5	M2.6	0.4	Max. output current: 100mA
3A	Multi-function relay output A contact	1.0	1.5	M2.6	0.4	Below AC 250V, 1A
3B	Multi-function relay output B contact	1.0	1.5	M2.6	0.4	Below DC 30V, 1A
3C	Common for multi-function relays	1.0	1.5	M2.6	0.4	

1) Use the recommended tightening torque when securing terminal screws.

- ※ When you use external power supply (24V) for multi-function input terminal (P1~P8), apply voltage higher than 12V to activate.
- ※ Tie the control wires more than 15cm away from the control terminals. Otherwise, it interferes front cover reinstallation.

