

4. Connection

4.1 Lead wire type

4.1.1 Induction motors Single-phase type

● Model

Output power	Model	Motor model	Capacitor model
1 W	0IK1GN-AW2J	0IK1GN-AW2	CH15FAUL
	0IK1A-AW2J	0IK1A-AW2	
	0IK1GN-AW3U	0IK1GN-AW3	CH10FAUL
	0IK1A-AW3U	0IK1A-AW3	
	0IK1GN-CW2J	0IK1GN-CW2	CH035BFAUL
	0IK1A-CW2J	0IK1A-CW2	
3 W	0IK3GN-BW2J	0IK3GN-BW2	CH18FAUL
	0IK3A-BW2J	0IK3A-BW2	
	0IK3GN-BW3U	0IK3GN-BW3	CH15FAUL
	0IK3A-BW3U	0IK3A-BW3	
	0IK3GN-DW2J	0IK3GN-DW2	CH045BFAUL
	0IK3A-DW2J	0IK3A-DW2	
6 W	2IK6GN-AW2J	2IK6GN-AW2	CH35FAUL2
	2IK6A-AW2J	2IK6A-AW2	
	2IK6GN-AW2U	2IK6GN-AW2	CH25FAUL2
	2IK6A-AW2U	2IK6A-AW2	

● Connection diagram

Insulate all the wire connections, such as the connection between the motor and the power supply and that between the motor and the capacitor.

Use the Protective Earth Terminal to ground the motor.

Use lead wires for power supply equal to or thicker than the lead wire size shown below.

Motors of 1 W and 3 W: AWG 24 (0.2 mm²) or thicker

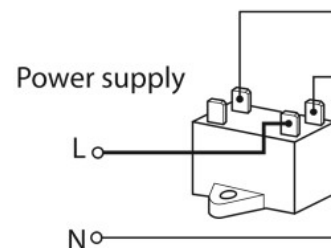
Motors of 6 W or larger: AWG 20 (0.5 mm²) or thicker

- Connecting/installing the capacitor ⇒ p.21
- Connecting the Protective Earth Terminal ⇒ p.21

Operation ⇒ p.22

Output power	Model	
6 W	2IK6GN-CW2J	2IK6GN-CW2J
	2IK6A-CW2J	2IK6A-CW2J
	2IK6GN-CW2E	2IK6GN-CW2E
	2IK6A-CW2E	2IK6A-CW2E
15 W	3IK15GN-AW2J	3IK15GN-AW2J
	3IK15A-AW2J	3IK15A-AW2J
	3IK15GN-AW2U	3IK15GN-AW2U
	3IK15A-AW2U	3IK15A-AW2U
	3IK15GN-CW2J	3IK15GN-CW2J
	3IK15A-CW2J	3IK15A-CW2J
	3IK15GN-CW2E	3IK15GN-CW2E
	3IK15A-CW2E	3IK15A-CW2E
25 W	4IK25GN-AW2J	4IK25GN-AW2J
	4IK25A-AW2J	4IK25A-AW2J
	4IK25GN-AW2U	4IK25GN-AW2U
	4IK25A-AW2U	4IK25A-AW2U
	4IK25GN-CW2J	4IK25GN-CW2J
	4IK25A-CW2J	4IK25A-CW2J
40 W	5IK40GN-AW2J	5IK40GN-AW2J
	5IK40A-AW2J	5IK40A-AW2J

Clockwise: CW



- The rotation direction v