

Multipurpose Inverter

Outer Dimension

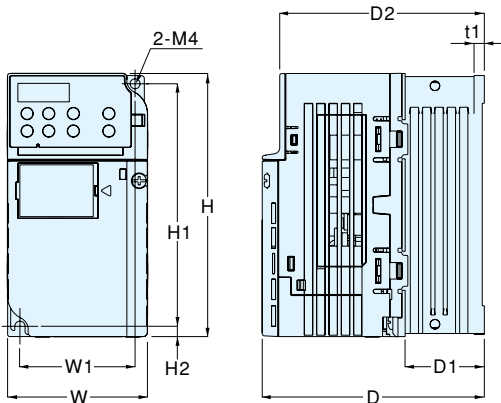


Fig.1

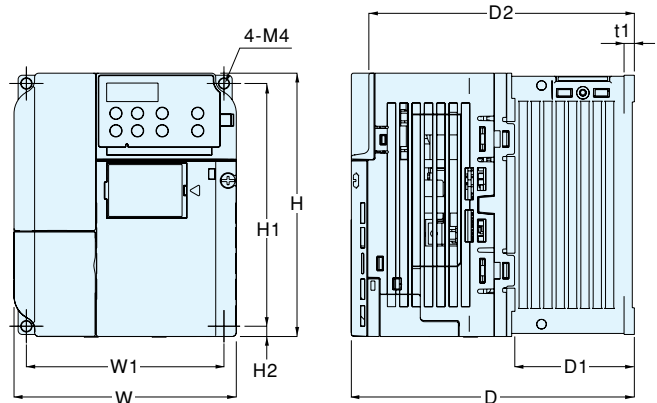
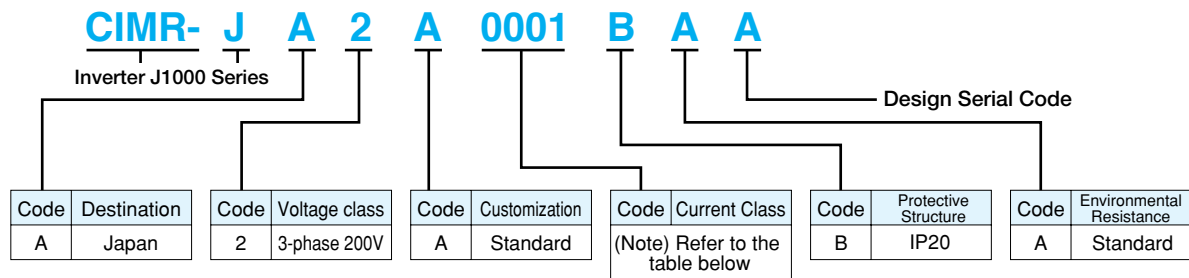


Fig.2

Voltage Class	Maximum Applicable Motor Capacity	Fig. No.	Outer Dimension mm									Round Weight kg	Cooling mode
			W	H	D	W1	H1	H2	D1	D2	t1		
200V (3-phase)	0.1 kW	1	68	128	76	56	118	5	6.5	67.5	3	0.6	Self cooling
	0.2 kW		68	128	76	56	118	5	6.5	67.5	3	0.6	
	0.4 kW		68	128	108	56	118	5	38.5	99.5	5	0.9	
	0.75 kW	2	108	128	129	96	118	5	58	120.5	5	1.7	Air cooling
	1.5 kW		108	128	137.5	96	118	5	58	129	5	1.7	
	2.2 kW		140	128	143	128	118	5	65	134.5	5	2.4	
	3.7 kW												

Explanation about Type Designation

Note) When ordering and/or inquiring, inform us of the inverter type shown below, together with our gearmotor type to be used with.



Model Organization

Voltage Class	Inverter Type CIMR-JA2A	0001 (Note 1)	0002 (Note 1)	0004 (Note 1)	0006 (Note 1)	0010 (Note 2)	0012 (Note 2)	0020 (Note 2)		
200V (3-phase)	Motor Capacity	kW	0.1	0.2	0.4	0.75	1.5	2.2	3.7	
	Rated output current	A	0.8	1.6	3	5	8	11	17.5	
	Heat generating (generation loss)	Cooling fin	W	4.3	7.9	16.1	27.4	54.8	70.7	110.5
		Unit interior	W	7.3	8.8	11.5	15.9	23.8	30.0	43.3
		Total heat generation	W	11.6	16.7	27.6	43.3	78.6	100.7	153.8

Note 1) When the carrier frequency value is 10kHz.

2) When the carrier frequency value is 8kHz.

3) We deliver inverters with most appropriate parameter setting in accordance with the characteristics of our gearmotors.

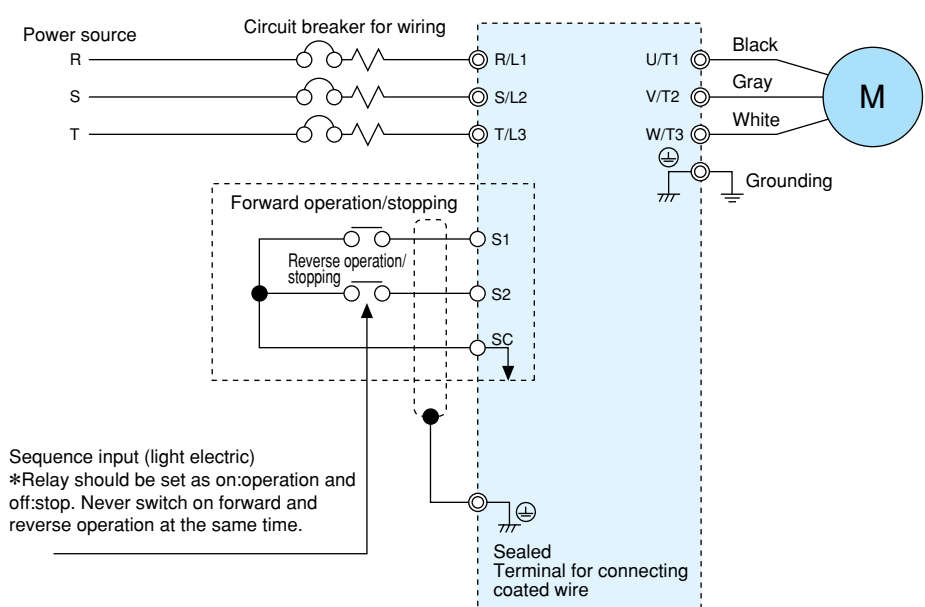
In general, parameter setting is done in accordance with gearmotors of the same capacity.

In case of a different combination, consult us.

4) The inverter of this product is manufactured by Yasukawa Denki.

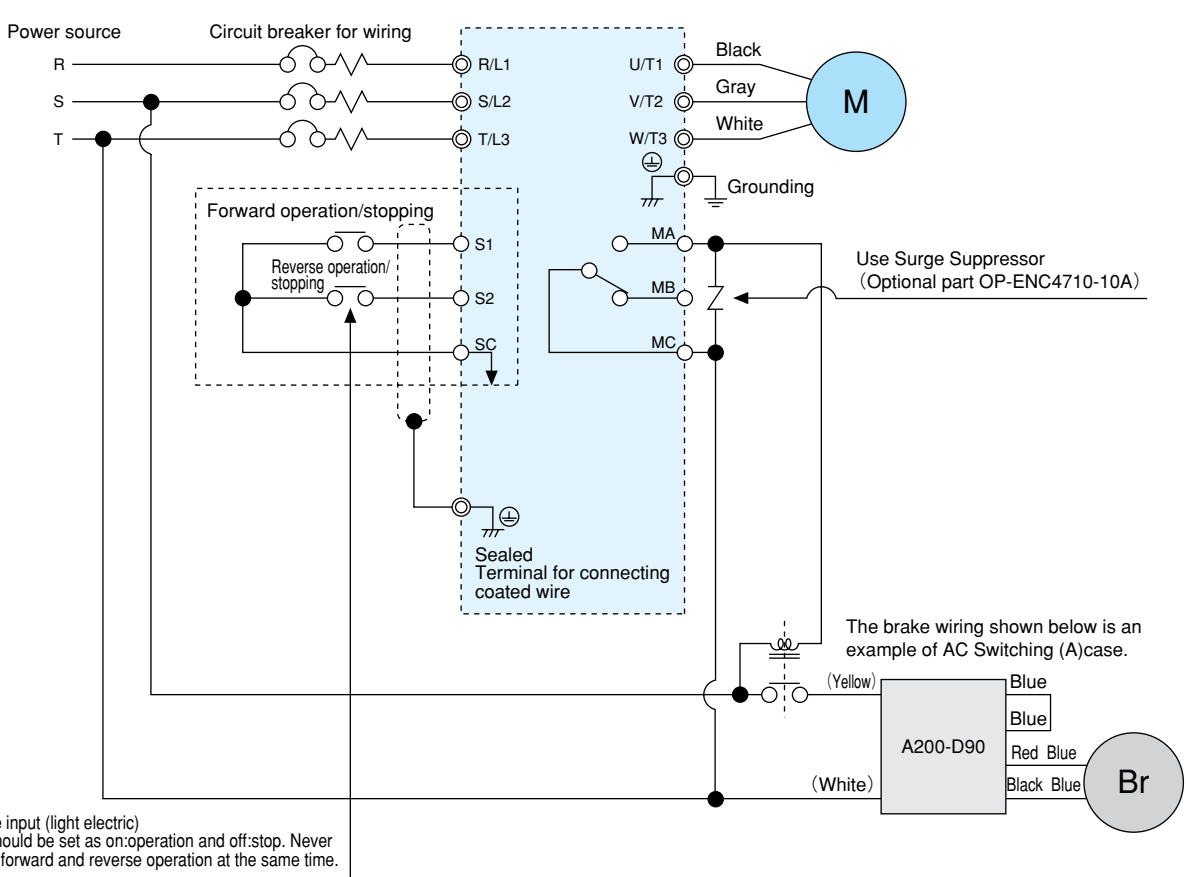
Wiring Diagram for Inverter (J1000) and Gearmotor (Typical Example)

The wiring shown below is an example of the guideline circuit for operation.
 In case of applying to the different controlling (operation), refer to the instruction manual or ask us.



Wiring Diagram for Inverter (J1000) and Gearmotor with Brake (Typical Example)

The wiring shown below is an example of the guideline circuit for operation.
 In case of applying to the different controlling (operation), refer to the instruction manual or ask us.



Parallel Shaft (Performance Table/Dimension)

Gearmotor with Brake

Water-resistant, Outdoor Gearmotor with Brake

Gearmotor with Clutch/Brake

Reducer (Double Shaft)

S-Type Reducer

Right Angle Shaft (Performance Table/Dimension)

Gearmotor with Brake

Water-resistant, Outdoor Gearmotor with Brake

Gearmotor with Clutch /Brake

Reduce (Double Shaft)

S-Type Reducer

Hollow Shaft Solid Shaft (Performance Table/Dimension)

Gearmotor with Brake

Water-Resistant, Outdoor Gearmotor with Brake

Reduce (Parallel Shaft)

S-Type Reducer

Concentric Hollow Shaft Concentric Solid Shaft (Performance Table/Dimension)

Gearmotor with Brake

Water-Resistant, Outdoor Gearmotor with Brake

Reducer (Parallel Shaft)

S-Type Reducer

Technical Information

Standard Motors

Cautions for Safety

Option

GT-STEP Index Gearmotor

KOMPASS Gearbox