

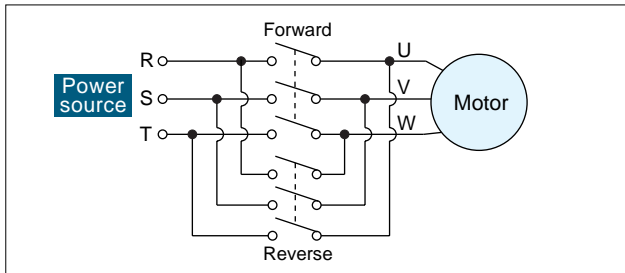
# Gearmotor Wiring • Terminal Box

## Wiring Gearmotor

Wiring shown in the diagrams below are for the standard gearmotor. The rotation direction of the output shaft in the wiring below is shown in the performance table respectively for each model.

### 3-Phase Motor (Common to G3•H2•F•F3 Series)

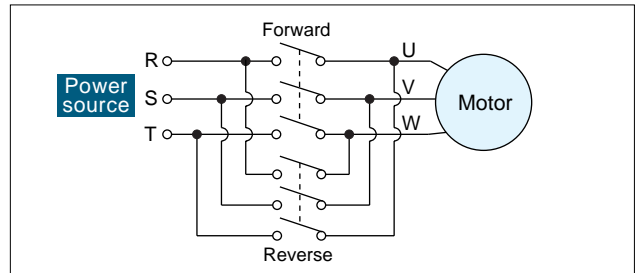
Motor capacity designations T50 •T010 •T020 •T040  
T50W •T010W•T020W•T040W



Mark in the Diagram	Lead Wire Type		Terminal Box Type
	200V	400V	Terminal Code
U	Black	Black	U
V	Grey	Brown	V
W	White	White	W

### 3-Phase Motor (Common to G3•H2•F•F3 Series)

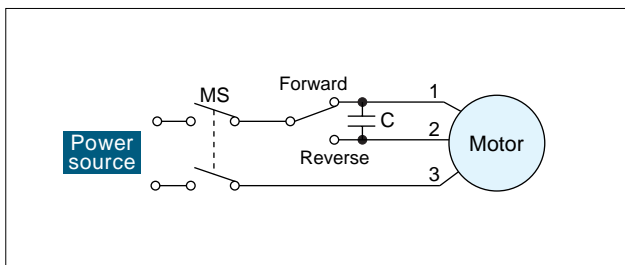
Motor capacity designations 075 •150 •220  
075W•150W•220W



Mark in the Diagram	Terminal Box	
	Terminal Code	
U	U	
V	V	
W	W	

### 1-Phase Motor/H2•F•F3 Series

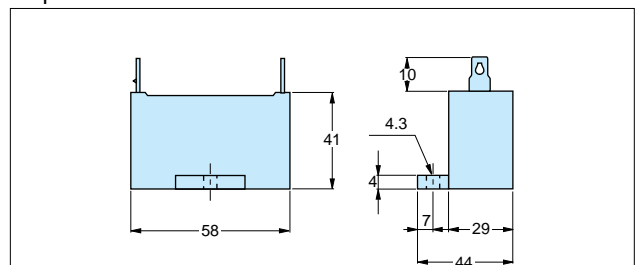
Motor capacity designations S100(100V)•S100W(200V)



Mark in the Diagram	Lead Wire Type		Terminal Box Type
	100V	200V	Terminal Code
1	Blue	Brown	1
2	Black	Black	2
3	Grey	Grey	3

Capacitor is needed for use in single-phase S100•S100W motors. Use the attached capacitor properly wired. Refer to the diagram on the right.

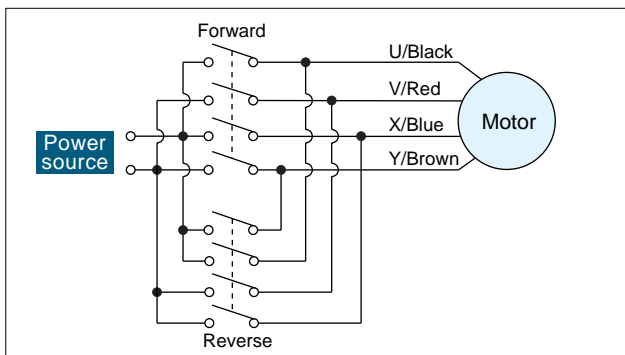
### Capacitor



Voltage	Withstand Voltage	Capacity	Round Weight
100V	220V	30μF	100g
200V	440V	7μF	100g

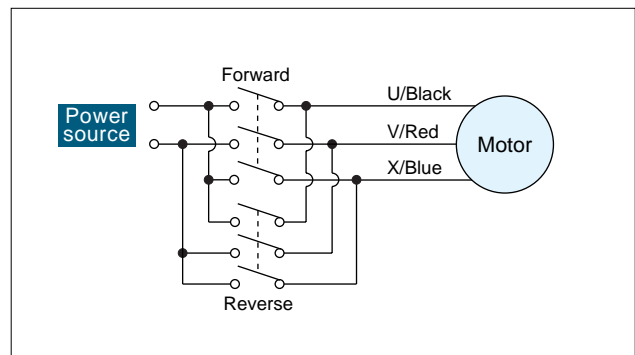
### 1-Phase Motor(100V)

G3 Series / Motor capacity designations 100 •200 •400  
H2 Series / Motor capacity designations 200 •400  
F Series / Motor capacity designations 200 •400  
F3 Series / Motor capacity designations 200 •400



### 1-Phase Motor(200V)

G3 Series / Motor capacity designations 100W•200W•400W  
H2 Series / Motor capacity designations 200W•400W  
F Series / Motor capacity designations 200W•400W  
F3 Series / Motor capacity designations 200W•400W

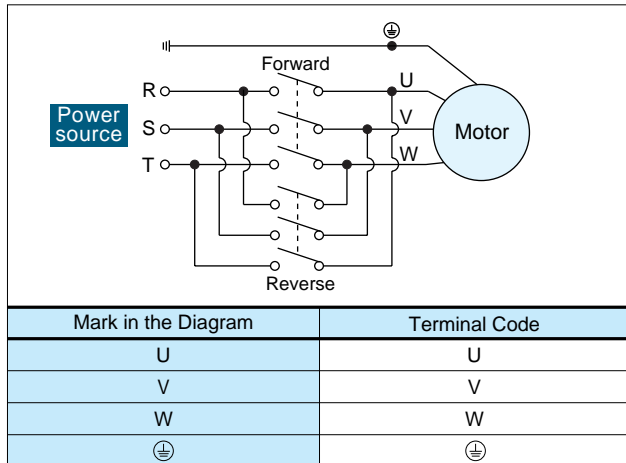


# Water-Resistant Specifications Gearmotor Wiring • Terminal Box

## Wiring for Water-Resistant, Gearmotors

The wiring shown below is recommended for water-resistant, outdoor type gearmotors. The rotation direction of the output shaft in the wiring below is shown in the performance table respectively for each model.

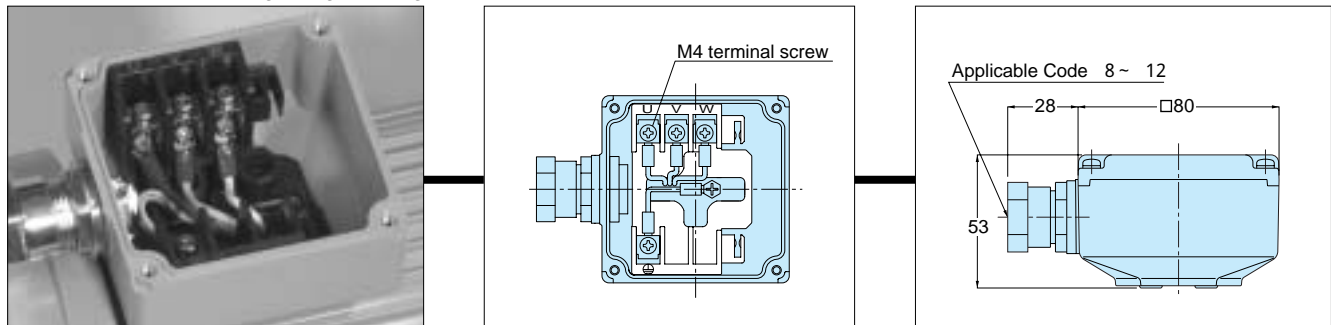
### 3-Phase Motor/Common to G3•H2•F•F3 series



### Types and Structures

E-Type Terminal Box 0.1kW ~ 2.2kW

3-Phase/Standard Voltage • High Voltage



Note) For the E-Type terminal box for gearmotors with brake, refer to page E30.

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

Reducer (Double Shaft)

S-Type Reducer

Hollow Shaft Solid Shaft (Performance Table/Dimension)

Gearmotor with Brake

Water-resistant, Outdoor Gearmotor with Brake

Reducer (Double 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