

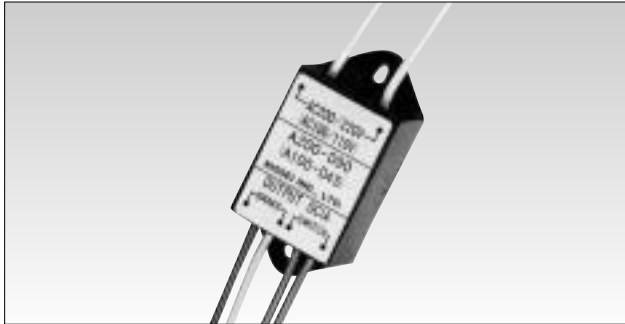
# Gearmotor with Brake Rectifier • Terminal Box

## Rectifier

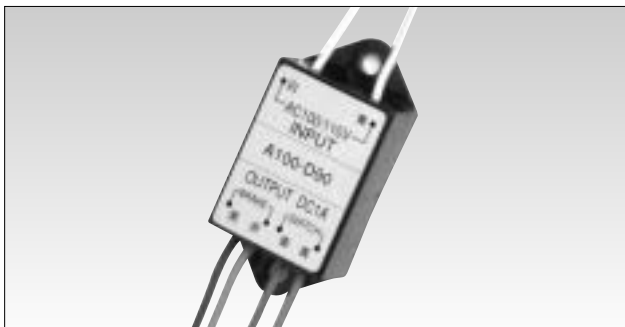
The supplied rectifier A200-D90 (A100-D45) or A100-D90 is required for the brake operation of the gearmotor with brake. Since the braking delay time differs according to the brake wiring, select the most appropriate wiring method for the application, referring to page E20 ~ E21.

The rectifier basically contains a surge absorber. However, if a risk is foreseen, add another surge absorber or noise filter for safety sake.

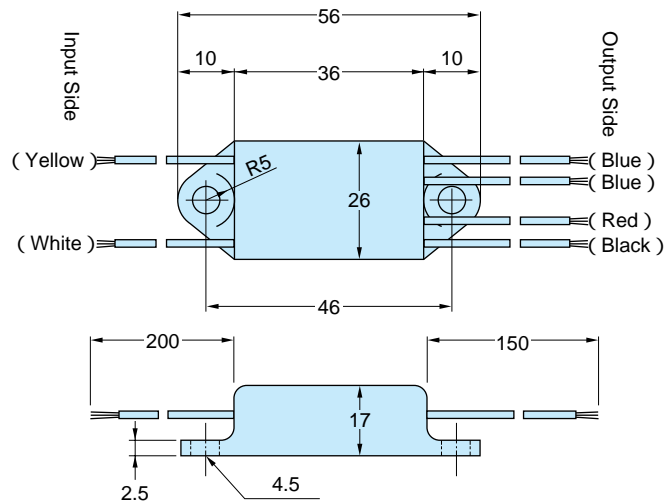
A200 - D90 (A100 - D45) For 3-phase/standard voltage motor  
For 1-phase High voltage motor



A100 - D90 For 1-Phase Standard Voltage Motor

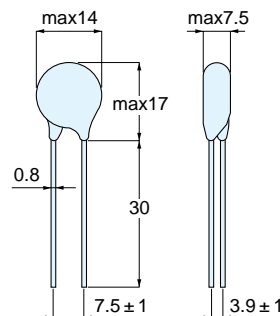
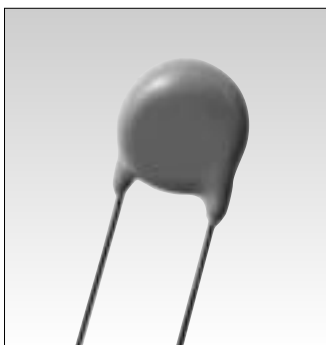


A200 - D90 • A100 - D90 Dimension Diagram  
(A100 - D45) Round weight: 40g



## Surge Suppressor / Option No. OP-ENE471D-10A

For use in cutting off the sparks of a brake switch for DC switching or AC line switching.



- 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 (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

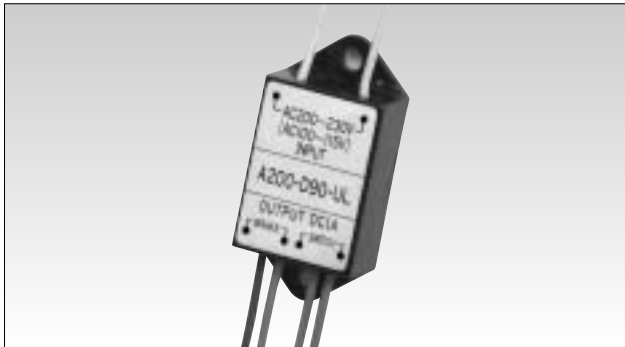
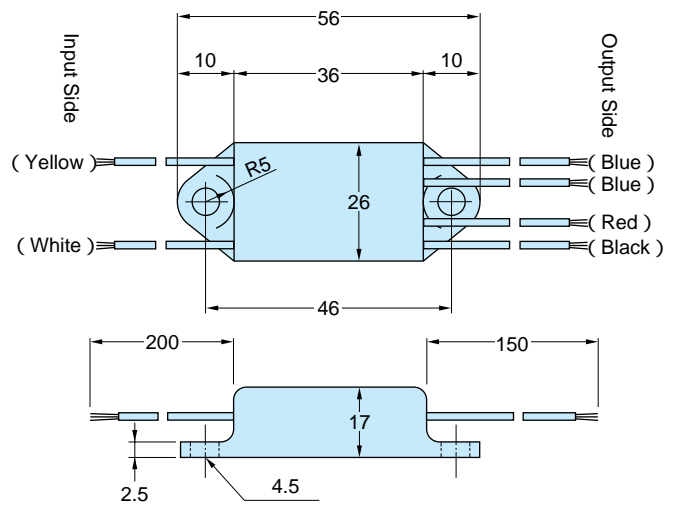
# Water-Resistant Specifications Gearmotor with Brake Wiring • Rectifier

## Rectifier

The supplied rectifier A200-D90-UL is required for the brake operation of the gearmotor with brake. Since the braking delay time differs according to the brake wiring, select the most appropriate wiring method for the application, referring to page E30.

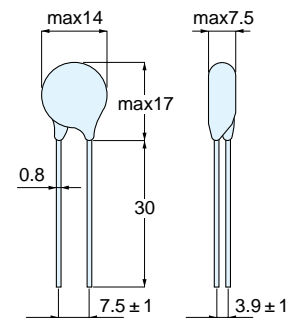
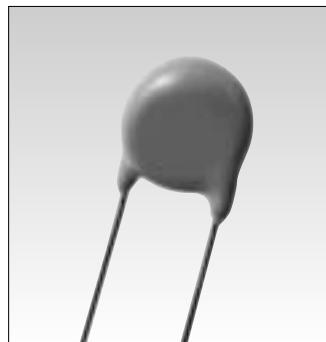
The rectifier basically contains a surge absorber. However, if a risk is foreseen, add another surge absorber or noise filter for safety sake.

A200 - D90 - UL Dimension Diagram (A100 - D45) Round weight: 40g



## Surge Suppressor Z / Option No.OP-ENE471D-10A

For use in cutting off the sparks of a brake switch for DC switching or AC line switching.



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 (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