

I. Overview

The SS-22 AC single-phase motor speed controller adopts a new-type electronic circuit, featuring small size, high precision, wide speed regulation range and low power consumption. It enables feedback constant speed and stepless speed regulation for single-phase motors. It is widely used in industries like packaging & printing, instruments & meters, garment machinery and medical equipment, and can be interchangeably used with similar products manufactured by Japan Oriental Motor Co., Ltd. and Taiwan Shangyang Motor Co., Ltd.

II. Main Technical Specifications

1. Working voltage: AC220V 50/60Hz, voltage fluctuation range $\pm 10\%$ Ue;
2. Rated power: 6W, 15W, 25W, 40W, 60W, 120W, 180W, 200W, 250W;
3. Speed regulation range: 90~1400r/min (50Hz); 90~2800r/min (60Hz);
4. Pollution degree: Class 3;
5. Protection class: IP40;
6. Ambient temperature: $-5 \sim +40$;
7. Relative humidity: $\leq 90\%$;
8. Altitude: $\leq 2000\text{m}$;
9. Mounting method: 35mm guide rail;

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V. Usage Instructions

1. The speed controller starts slowly when powered on, featuring a soft-start function.
2. Motor models compatible with this product: 5-wire motors with speed measurement wires (e.g., YYDJ, YCJT, YYCJ, YCJFK).

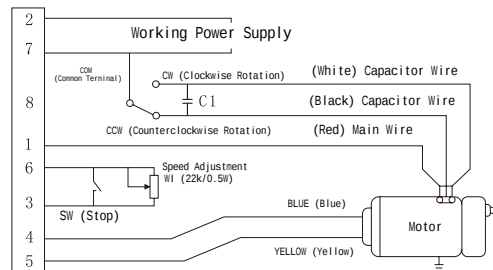
VI. Ordering Instructions

When placing an order, please specify the product model, power, and quantity.

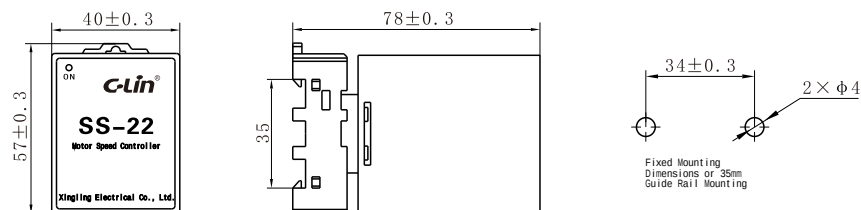
Example: SS-22 60W 500 units

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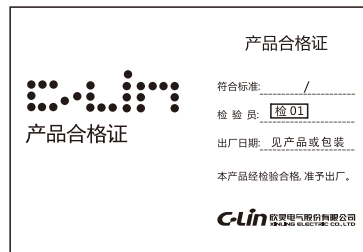
III. Wiring Diagram



IV. Outline and Mounting Hole Dimension Drawing (mm)



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