

AC to AC Solid State Relay

SSR Series

■ Specification

| Type | Terminal Type | | | | |
|-----------------------|----------------------------|----------|----------|------------|------------|
| Model | SSR-10AA | SSR-25AA | SSR-40AA | SSR-25AA-H | SSR-40AA-H |
| Rated Load Current | 10A | 25A | 40A | 25A | 40A |
| Input Data | | | | | |
| Operating Voltage | 80~250VAC 50 / 60Hz | | | | |
| Min. ON / OFF Voltage | ON > 45V , OFF < 35V | | | | |
| Trigger Current | 5.0mA / 110VAC max. | | | | |
| Control Method | Zero Cross Trigger | | | | |
| Output Data | | | | | |
| Operating Voltage | 24~380VAC | | | 90~480VAC | |
| Min. Blocking Voltage | 600 VAC < Repetitive > | | | | |
| Voltage Drop | 1.6 V / 25°C | | | | |
| Response Time | ON < 20ms , OFF < 20ms | | | | |
| Max. Durated Current | 135A | 275A | 410A | 275A | 410A |
| Leakage Current | 3.0mA | 5.0mA | 3.0mA | 5.0mA | 5.0mA |
| General Data | | | | | |
| Dielectric Strength | Over 2.5KVAC / 1min. | | | | |
| Isolation Strength | Over 50M Ω / 500VDC | | | | |
| Operating Temperature | -20°C ~+80°C | | | | |
| Housing Material | Intensive ABS | | | | |
| Weight | Appr. 110g | | | | |

Connection Diagram

