

## Features

- ★ Ratings from 10A to 120A
- ★ DC or AC control ,AC output
- ★ Load voltage of 24-280VAC,40-440VAC
- ★ LED input status indicator
- ★ SCR output for heavy industrial loads
- ★ Zero voltage or instantaneous turn-on outputs
- ★ CE & RoHS Compliant



## Specification

**Q SSR -3 25 DA**

ZQ type

Single-phase solid state relay

Output voltage:3:40-440VAC,2:24-280VAC

Output current 10A 15A 25A 40A 60A 80A 100A 120A

DA:DC control AC

AA:AC control AC

## Technical Parameter

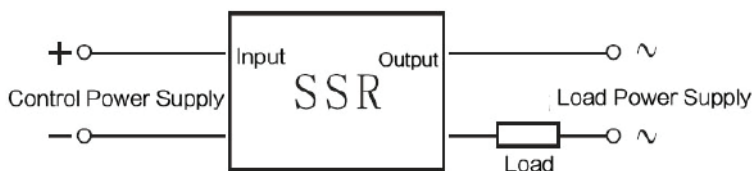
Control Voltage	DC:3-32VDC	AC:90-250VAC
Control Current	6-35mA	6-35mA
Make-on Voltage	3VDC	90VAC
Break-off Voltage	1VDC	10VAC
Reverse Voltage	32VDC	
Load Voltage	22:30-240VAC 、 38:40-440VAC	
Load Current	10A,15A,25A,40A,60A,80A.100A,120A	
Instant Voltage	22: 600VAC、 38: 900VAC	
Voltage Drop in On	< 1.6VAC	
On-off Time	≤100mS	
Leakage Current in off	≤100mA	
Dielectric Strength	≥2500VAC	
Insulation Resistance	500MΩ、 500VDC	
Ambient Temp	-25℃ ~ +80℃	
Indicate Methods	LED	
Installation	Panel mount	

## Outline dimension/ wiring diagram(mm)

[Application wiring Diagram]

### 1、 AC SSR Connecting

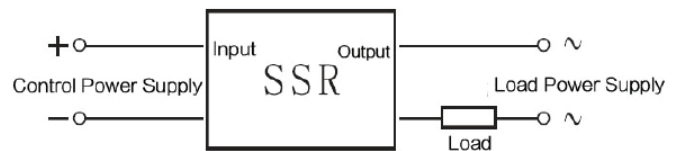
DC control AC  
AC control AC



[Inner Wiring Diagram]

### 1、 AC SSR Connecting

DC control AC  
AC control AC



Remark:

- 1) In case of no tolerance shown in outline dimension :  
Outline dimension 1mm ,tolerance should be  $\pm 0.2\text{mm}$   
Outline dimension 1mm and 5mm ,tolerance should be  $\pm 0.3\text{mm}$   
Outline dimension 5mm ,tolerance should be  $\pm 0.4\text{mm}$
- 2) The tolerance without indicating for PCB layout is always  $\pm 0.1\text{mm}$