

9. Solid State Relay

9-1、RMH series Solid State Relay

A Code Illustration

RMH□-□□□A□	Rated voltage: 230:230V , 400:400V , 480:480V
	Rated Current: 15: 15A , 25: 25A , 40:40A , 60:60A , 80:80A , 100:100A , 120:120A
	Input signal: Blank : 3-32V DC , R: Rheostat C: 4-20mA DC
	Control type: P: Random Blank: Zero-Cross
	Blank: Single Phase SSR 3: 3 phase SSR
	RMH Series Solid State Relay

B Features

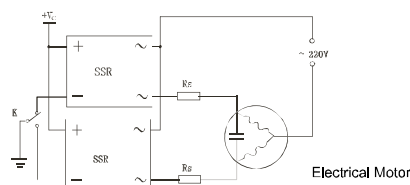
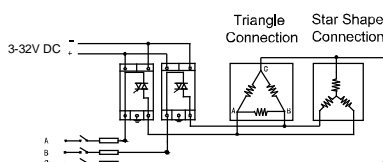
- Bright LED as input indication.
- With inrush current absorb circuit inside the SSR.
- Control connection applied constant current circuit . It is not necessary to connect a current-limit resistance in serial within 3-32V.

Photo	Model	Rated voltage	Control signal	Activation type	Disconnect critical voltage rising rate	Rated current
	RMH-(P)15A400	400V	3-32V DC	Zero-Cross or Random	500V / μ s	15A
	RMH-(P)25A400					25A
	RMH-(P)40A400					40A
	RMH-(P)60A400					60A
	RMH-(P)80A400					80A

C Technical Specification

Application Load Type: AC1
 Inrush current(1 cycle) : 700%
 DVS/DT : 500V / μ s
 DVC/DT : 100V / μ s
 Voltage drop when active < 2V
 Power net frequency : 50Hz/60Hz
 Max. Inactive Delay: 10ms
 Zero-cross area of SSR : ± 15 V
 Insulation voltage \geq 2000V AC
 Ambient temperature: -30-75℃
 Max. active delay for zero-cross type SSR: 10ms

D Connection Drawing



The interval between the positive and negative rotation must be bigger than 20ms. The value of the resistance which is used for limiting current is equal to $30/I_{ssr}$, i.e., $R_s=30/I_{ssr}$
 I_{ssr} is the current level of the SSR which users choose.

E Dimension

