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 40A: 40A 60: 60A 80: 80A 100: 100A 120: 120A
control mode: Blank: 5/6-32VDC R: rheostat input C: 4-20mADC
control type: P: Random Blank: Zero-cross
Blank: Single phase SSR
RMH series solid state relay

Features:

- ⊙High bright LED as input indication
- ⊙With inrush current absorb circuit inside the SSR
- ⊙Control connection applying constant current circuit ,it is not necessary to connect a connect a serial current-limit resistance within 5~32V

B Ordering Code

Photo	Code	Model	Rated voltage	Control signal	Activation Type	Disconnect critical voltage rising rate	Rated Current
	0063RM0911	RMH-15A400	400V	5-30VDC	Zero-cross (or Random)	500V/μs	15A
	0073RM0912	RMH-25A400					25A
	0083RM0913	RMH-40A400					40A
	0115RM0914	RMH-60A400					60A
	0145RM0915	RMH-80A400					80A

D Technical Specification

Electrical features of SSR

Applicable load type	AC1	Zero-corss area of SSR	±15V
Inrush current (1 cycle)	700%	Insulation voltage	≥2000VAC
DVS/DT	500V/μS		
DVC/DT	100V/μS	Ambient temperature	-30℃~+75℃
Voltage drop when active	<2V		
Power net frequency	50HZ/60HZ	Max. Active delay for zero-cross type SSR	10ms
Max. inactive delay	10ms		

9-2 、RHH Intensive Solid State Relay

A Code Illustration

R H H — 25 A 230 □

RHH intensive solid state relay

Rated current: 25: 25Aac 40: 40Aac 60: 60Aac 80: 80Aac

Control type: Blank:Zero cross active, P: Random Active

Rated voltage: 230: 230Vdc 400: 400Vdc 480: 480Vdc

B Ordering code

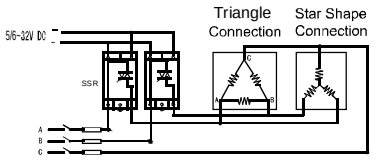
Photo	Model	Code	Control signal	Active & Inactive voltage	Active type	Rated current	Rated voltage
	0108RH0921	RHH-25A400	6～32VDC	Zero cross active: active voltage ≥5. 6V inactive voltage ≤ 4V	Zero cross active	25A	400V
	0118RH0922	RHH-40A400				40A	
	0145RH0923	RHH-60A400				60A	
	0300RH0924	RHH-100A400				100A	
	0400RH0925	RHH-120A400				120A	
	0600RH0926	RHH-150A400				150A	
	0900RH0927	RHH-200A400				200A	

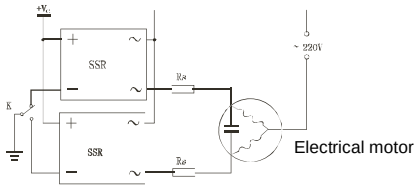
SOMMY

C Technical Specification

Applicable load type	AC	Zero cross type area of SSR	±15V
Inrush current (1 cycle)	700%	Insulated voltage	≥2000VAC
Static voltage increasing rate	500V/μS	Ambient temperature	-30℃~+75℃
Dynamic voltage increasing rate	100V/μS	Max. active delay for zero cross-SSR	10ms
Voltage drop when active	<2V	Max.inactive delay SSR	10ms

E Connecting 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/ Issr , i.e., Rs=30/Issr . Issr is the current level of the SSR which users choose .

D Dimension