

SOLID STATE RELAY(SSR)

WYES®
무접점전자릴레이

10 WYFNH AC440V 30A~80A (DC/AC, AC/AC Type)

CE

Metal
Bonding
Process

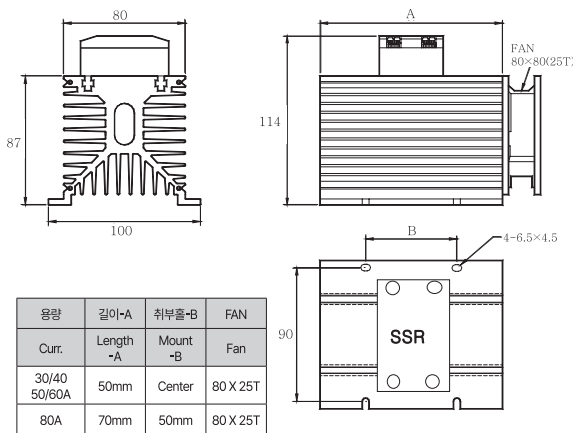


● FAN 부착 일체형 (SSR)

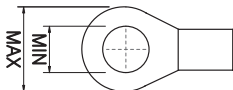
단상 일체형으로 AC90~240V, 50~80A의 대용량 제품으로 방열판 및 FAN을 부착한 일체형으로 자체 방열 구조를 설계하여 편리하게 사용할 수 있도록 일체화시킨 SSR입니다.

This single-phase integral SSR with self heat sink is a product with large capacity of AC90~240V, 50~80A. The SSR has designed self heat sink system to ensure convenient use.

● Dimension



● Terminal



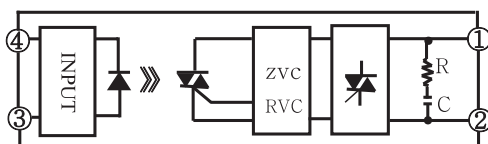
Input Ter : Max 9.5, Min 4
Output Ter : Max 9.5, Min 4

● Specifications

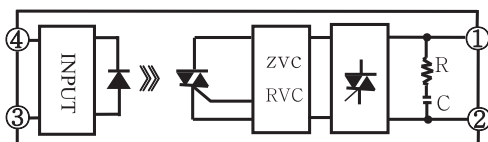
ITEM	MODEL	
	*WYFNH1C30/40/50/60/80Z4 WYFNH1C30/40/50/60/80R4	WYFNH1C30/40/50/60/80Z40 WYFNH1C30/40/50/60/80R40
O U T P U T	Rated voltage	440VAC
	Voltage range	90 ~ 480VAC
	Non repetitive peak voltage	1200V
	Rated load current	30A 40A 50A 60A 80A
	Frequency	50 / 60Hz
	Peak surge current	525A
	leakage current	10mA
	Contact voltage drop	1.8V(MAX)
	Minimum operating current	1.0A
I N P U T	Maximum input voltage	32VDC 240VAC
	Input voltage range	4 ~ 32VDC 90~240VAC
	Input current	10±3(mA) AC240V / 16mA
	Minimum operating voltage	3.0VDC 80VAC
	Turn off voltage	1.4VDC 20VAC
G E N E R A L	Dielectric withstand	2000VAC / 1Min
	Insulation resistance	DC 500V / 100MΩ
	Response time	R4 : 1±1ms Z4 : 8.3±1ms R40, Z40 : 30±1ms
	Circuit control	Z40, Z4 : Zero cross type R40, R4 : Random cross type
	Operating temperature	-10 ~ +60°C
	Storage temperature	-20 ~ +80°C
	Weight	1.8kg

* WYFNH1C30Z4, WYFNH1C40Z4 UL Certification is only SSR
* Z4 : 4~32VDC Z40 : 90~240VAC

● Block Diagram



* ZVC : ZERO CROSS VOLTAGE CIRCUIT
* RVC : RANDOM CROSS VOLTAGE CIRCUIT



* ZVC : ZERO CROSS VOLTAGE CIRCUIT
* RVC : RANDOM CROSS VOLTAGE CIRCUIT

● Application Circuit

