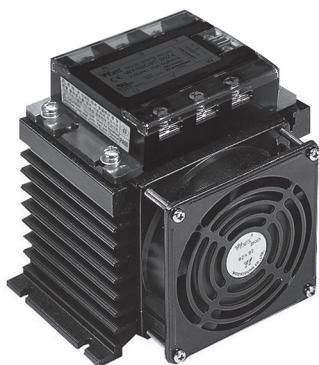


SOLID STATE RELAY(SSR)

3Ø WYFN3G AC220V 30A~80A (DC/AC, AC/AC Type)



Metal
Bonding
Process

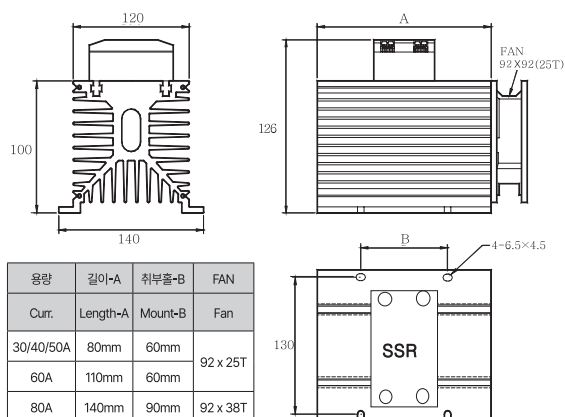


FAN 부착 일체형 (SSR)

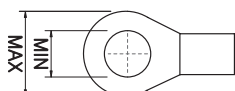
삼상 일체형으로 AC90~240V, 50~80A의 대용량 제품으로 방열판 및 FAN을 부착한 일체형으로 자체 방열 구조를 설계하여 편리하게 사용할 수 있도록 일체화시킨 SSR입니다.

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



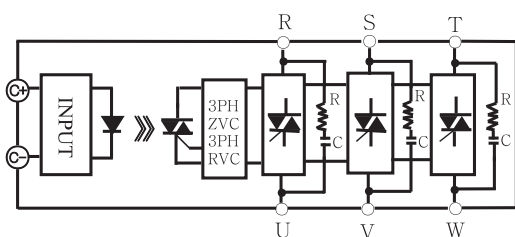
Input Ter : Max 6.2, Min 3
Output Ter : Max 12, Min 4

Specifications

MODEL		*WYFN3G3C30/40/50/60/80Z4 WYFN3G3C30/40/50/60/80R4			WYFN3G3C30/40/50/60/80Z40 WYFN3G3C30/40/50/60/80R40			
ITEM								
O U T P U T	Rated voltage	220VAC						
	Voltage range	90 ~ 240VAC						
	Non repetitive peak voltage	600V						
	Rated load current	30A	40A	50A	60A	80A		
	Frequency	50 / 60Hz						
	Peak surge current	250A	300A	350A	1300A	1750A		
	leakage current	10mA						
	Contact voltage drop	2.25V	2.15V	2.0V	1.95V	1.8V		
	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 : 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℃						
	Storage temperature	-20 ~ +80℃						
	Weight	2.8kg						

* WYFNG3C30Z4, WYFNG3C40Z4 UL Certification is only SSR
* Z4 : 4~32VDC Z40 : 90~240VAC

Block Diagram



* 3PH ZVC : 3PH ZERO CROSS VOLTAGE CIRCUIT
* 3PH RVC : 3PH RANDOM CROSS VOLTAGE CIRCUIT

Application Circuit

