

SOLID STATE RELAY(SSR)

WYES®
무접점전자릴레이

1Ø WYNMH AC440V 50A~160A (AC/AC Type)

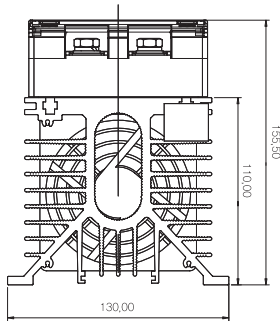
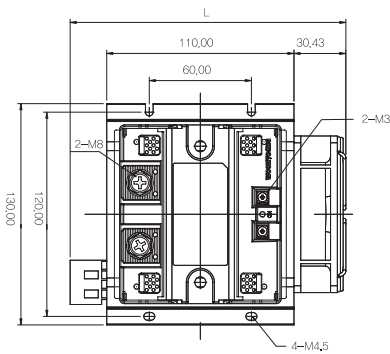


● Module Type

모듈화된 고신뢰성 소자를 사용하여 제작된 방식으로 내구성 및 신뢰성을 높였고 부하전압 AC90~480V, 부하전류 50~160A까지 대전류 용량을 가진 제품 입니다.

Manufactured using modularized, highly reliable power devices, this product has improved durability and reliability carrying high current capacity of AC90~480V and up to load current of 50~160A.

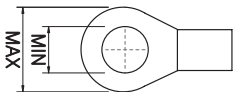
● Dimension



MODEL	L
50~70A	110mm
90~110A	162mm
130~160A	182mm

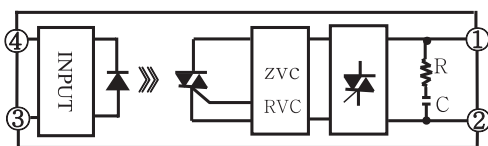
90A 이상은 FAN 부착
Install Fan of over 90A
FAN : AC220V,
*option : DC12 or 24V

● Terminal



Input Ter : Max 9.5, Min 4
Output Ter : Max 15, Min 6.5

● Block Diagram



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

● Specifications

MODEL		WYNMH1C50 / 70 / 90 / 110 / 130 / 160Z40 WYNMH1C50 / 70 / 90 / 110 / 130 / 160R40					
O U T P U T	Rated voltage	440VAC					
	Voltage range	90 ~ 480VAC					
	Non repetitive peak voltage	1600V					
	Rated load current	50A	70A	90A	110A	130A	160A
	Frequency	50 / 60Hz					
	Peak surge current	1500A	2000A	2000A	2250A	5400A	5400A
	leakage current	10mA					
	Contact voltage drop	1.6V	1.6V	1.6V	1.6V	1.6V	1.6V
	Minimum operating current	1.0A					
I N P U T	Maximum input voltage	240VAC					
	Input voltage range	90 ~ 240VAC					
	Input current	16 ± 3mA(240VAC)					
	Minimum operating voltage	85VAC					
	Turn off voltage	20VAC					
G E N E R A L	Dielectric withstand	2000VAC / rms / 1Min					
	Insulation resistance	DC 500V / 100MΩ					
	Response time	R40, Z40 : 30 ± 1ms					
	Circuit control	Z40 : Zero cross type R40 : Random cross type					
	Operating temperature	-10 ~ +60°C					
	Storage temperature	-20 ~ +80°C					
	Weight	2.3kg					

● Application Circuit

