

SOLID STATE RELAY(SSR)



무접점전자릴레이

온도검출용 10, 30 AC220~440V, 10A~80A



● 온도검출용 SSR (Temperature Protection SSR)

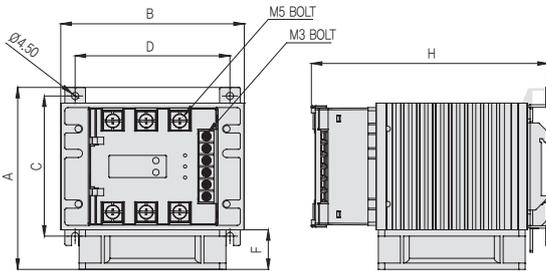
2극 및 3극을 차단하는 SSR이며, 과부하로 인한 과열을 1차 경보(60도), 2차 경보 및 차단(80도)을 제어하는 차단 기능회로가 내장되어있고 DIN-Rail 및 일반 판넬 고정방법 취부가 가능한 S마크 인증이 획득된 제품입니다.

As a SSR to break 2 or 3 poles, this product is internally equipped with a breaking functional circuit to control the 1st alarm(60°C) and the 2nd alarm and breaking(80°C) against overheating due to overloads, and can be mounted on a DIN rail or a general panel, being a S-mark certified product

● Specifications

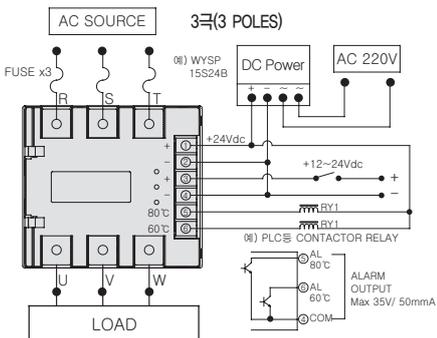
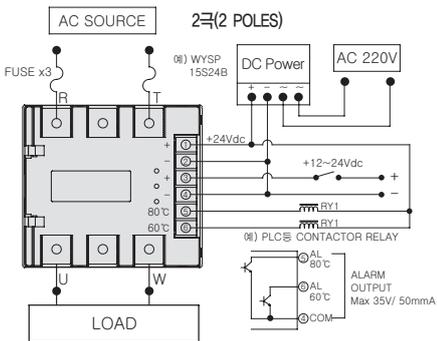
ITEM	MODEL	WYTG2C10/20/30/40/50/60/80Z4 WYT3G3C10/20/30/40/50/60/80Z4				WYTH2C10/20/30/40/50/60/80Z4 WYT3H3C10/20/30/40/50/60/80Z4		
		Load operating voltage		90~240Vac				90~480Vac
Peak voltage (non-recurring)		600Vac				1200Vac		
Frequency		50/60Hz						
Rated load current		10A	20A	30A	40A	50A	60A	80A
Surge On Current Flow Rate (60 Hz, Cycles)		168A	260A	420A	420A	480A	480A	575A
Voltage Drop		< 1.7V						
Leakage Current		< 10mA						
Minimum operating current		1A						
SENSE	Temperature sensing circuit voltage	12~24Vdc						
	Temperature sensing circuit current	18±3mA (On alarm output: 30±3mA)						
INPUT	Rated control circuit voltage	12~24Vdc						
	Rated control circuit current	10±3mA						
	Minimum operating voltage	8Vdc						
	Return voltage	6.8Vdc						
COMMON	Withstand voltage	2500Vac for 1min						
	Insulation resistance	DC 500V 100MΩ						
	Rated insulation voltage	G : 139Vac for BI,RI / 240Vac for FI H : 277Vac for BI,RI / 480Vac for FI						
	Response Speed	8.3 ± 1ms						
	Type of control	Zero Cross Type						
	Ambient temperature in use	-20 ~ 60°C						
	Storage ambient temperature	-20 ~ 80°C						
	Conformity specification	IEC 62314						
	Rated impulse tolerance	2.5KV				4KV		
	Contamination level of contamination	2						
Protective structure	IP 10							
Load Category	LC A							
Weight (Except for Heatsink, Fan)	2P : 0.3Kg, 3P : 0.32Kg							

● Dimension

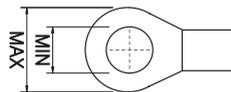


PART	A	B	C	D	F	H	FAN	MODEL NO.
a	99.8	115	88.5	97	-	114	x	WYT(G/H)2C10/20Z4 WYT3(G/H)3C10/20Z4
b	115	115	88.5	97	25	148.5	92×92×25mm	WYT(G/H)2C30/50Z4 WYT3(G/H)3C30/50Z4
c	128	115	88.5	97	38	148.5	92×92×38mm	WYT(G/H)2C40Z4 WYT3(G/H)3C40Z4
d	148	140	60	130	38	139.5	92×92×38mm	WYT(G/H)2C60Z4 WYT3(G/H)3C60Z4
e	148	140	60	130	38	139.5	92×92×38mm	WYT(G/H)2C80Z4
f	178	140	90	130	38	139.5	92×92×38mm	WYT3(G/H)3C80Z4

● Application Circuit

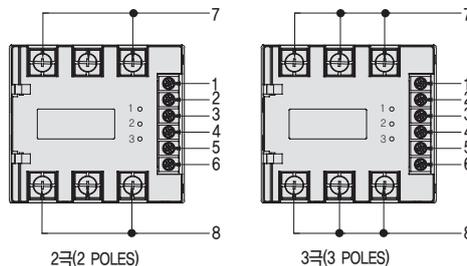


● Terminal



Input Ter : Max 7, Min 3.5
Output Ter : Max 12, Min 5

● Name of Part



- ① AUX Power 24Vdc (+)
- ② AUX Power 24Vdc (-)
- ③ 제어입력 12 ~ 24Vdc (+)
- ④ 제어입력 12 ~ 24Vdc (-)
- ⑤ 경보 출력 단자 (80°C)
- ⑥ 경보 출력 단자 (60°C)
- ⑦ 입력단자
- ⑧ 부하단자