

SSR Series Single-phase AC output SSR



- Feature
 - 10A,25A,40A
 - LED indicator for power on
 - Load voltage: 38-480VAC
 - With cover
 - Dielectric strength 4000VACrms
 - Good heat dissipation, copper base plate available
 - CE\RoHS

Description

SSR solid state relay is widely used in various industries and suitable for resistive, inductive and capacitive load. Output voltage range: 38-480VAC, output current: 10A, 25A and 40A

Model Coding

SSR	10	D	A	H	C
SSR Series	Load Current 10:10Amps 25:25Amps 40:40Amps	Control Type D:DC Control 3-32VDC	Load Voltage A:AC Output	Load Voltage H:38-480VAC	Thermal Dissipation Non:Aluminium heat sink C:Copper heat sink (Available)

Model No.	SSR-10DAH□	SSR-25DAH□	SSR-40DAH□
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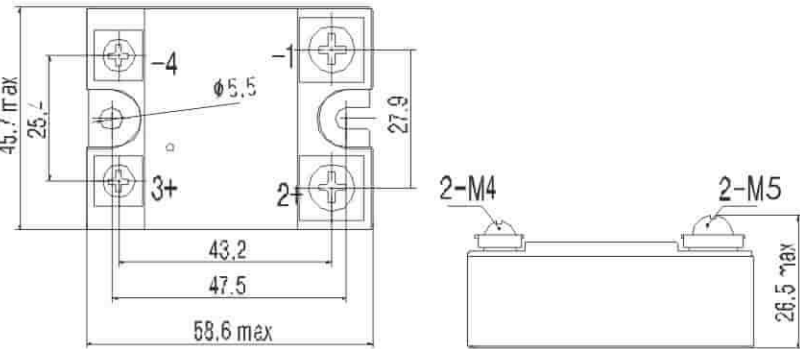
Specification

Input			
Control Voltage Range		3-32VDC	
Min.Turn-On Voltage		3VDC	
Min.Turn-Off Voltage		1VDC	
Max.Inout Current		25mA	
Output			
Rated Load Current		10A	25A40A
Output Voltage Range		38 - 480 VAC	
Max.Turn-On Time	Zero cross	1/2AC Cycle + 1ms	
Max.Turn-Off Time		1/2AC Cycle + 1ms	
Max.Surge Current [@10ms]		135A	275A400A
Max.I t for fusing [@10ms]		140A² S	275A² S410A²S
Max.Transient Voltage		800Vpk	
Max. Off-state Leakage Current (at rated voltage)		5mA	
Max. On-state Voltage Drop.(at rated voltage)		1. 6Vrms	
Min.Off-state Dv/dt		200 V/ μs	
General			
Dielectric Strength		I/P-O/P: 4KVrms	I/P-Base: 2.5KVrmsO/P-Base: 2.5KVrms
Operating Temperature		-30℃~+80℃	
Storage Temperature		-30℃~+100℃	
Weight		93g (SSR-□DAH: 146g)	
Accessory(Optional)			
Din-rail mounting accessory		DIN-01	
Heat Transfer Pad		SH-D1	
Heat sink(optional)		SH-01	SH-03
Remark①		The ambient temperature and temperature rise need to be considered when using heat sink. If the temperature of heat sink is over 70℃ please use a larger heat sink or forced cooling with a fan	

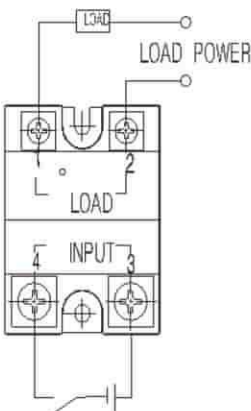
Applications

Suitable for Lenpure, Plastic Machinery, Incubator, Oil Filling Machine, Air Conditioning, Elevator, Lighting, Fountain Controller etc.

Mounting Dimension



Wiring Diagram



Characteristic Curves

