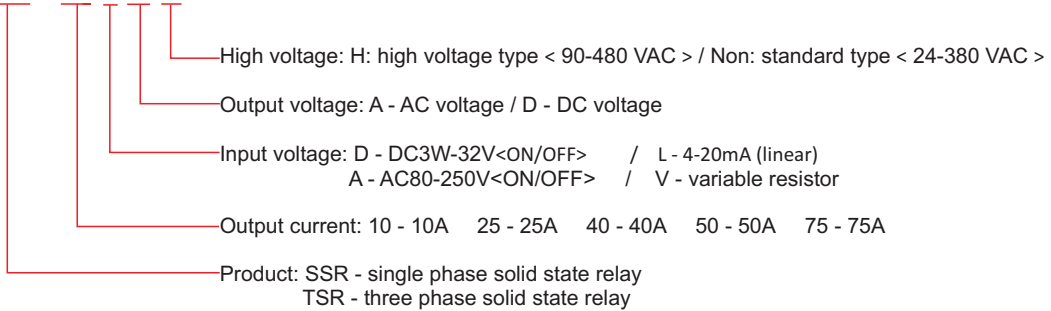


- . High reliability by S.M.T. & TQC. (SURFACE MOUNTING TECHNOLOGY)
- . High isolation more than 50MΩ / 500 VDC
- . High dielectric strength over 2.5 KV
- . Low switching current, current less than 7.5ma / 12 VDC C MOS IC or TTL compatible
- . Low EMI / EFI & surge by means of zero cross trigger method
- . High surge current duration over 10 times of rated current / one cycle
- . High surge voltage duration by Snubber circuit

Terminal Type

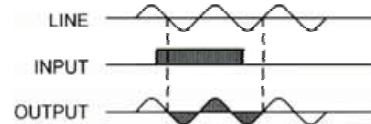
Eg. SSR - 40 D A-H



Control Method

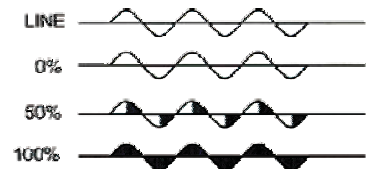
Zero Cross Trigger Method

- Output TURNS ON or TURNS OFF only on Zero Cross Point of sine wave, avoids surge or EMI / RFI occurring
- Special suited to control resistive, capacitive and non-saturated inductive loads



Variable Resistance Control Method (Trimmer control method)

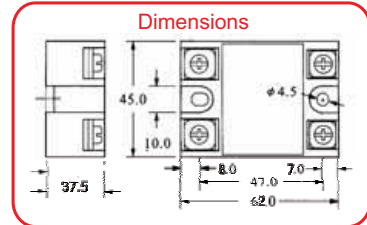
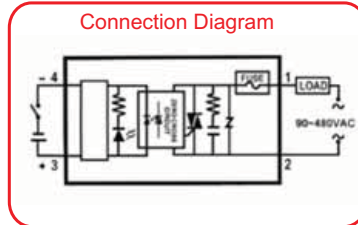
- Power output is controlled by Trigger Angle of Triac with variable resistor 250Ω / 110 VAC, 500Ω / 200 VAC, 1MΩ / 380 VAC





Solid State Relay

DC IN--AC OUT with BUILT IN FUSE



Operation

Semiconductor fuse inside. High compact structure with zero cross control and low trigger current.

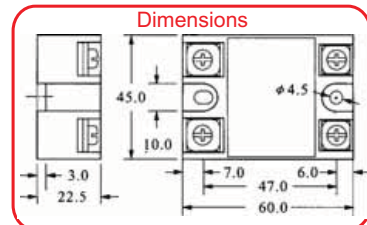
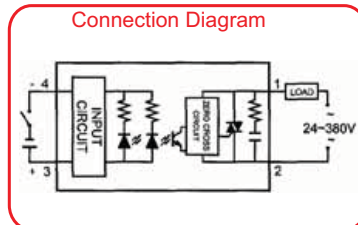
High Voltage

Part Number	Price	Rated Current	Fuse Rating	Load Current	Input Voltage	Output Voltage
SSR-F-10 DA-H	R 288.00	10A	6A	4A	4-32 VCD	90-480 VAC
SSR-F-25 DA-H	R 315.00	25A	16A	10A	4-32 VCD	90-480 VAC
SSR-F-40 DA-H	R 350.00	40A	25A	16A	4-32 VCD	90-480 VAC

Low Voltage 24-380 VAC

Part Number	Price	Rated Current	Fuse Rating	Load Current	Input Voltage	Output Voltage
SSR-F-10 DA	R 280.00	10A	6A	4A	4-32 VCD	24-380 VAC
SSR-F-25 DA	R 280.00	25A	16A	10A	4-32 VCD	24-380 VAC
SSR-F-40 DA	R 315.00	40A	25A	16A	4-32 VCD	24-380 VAC

DC IN--AC OUT



Operation

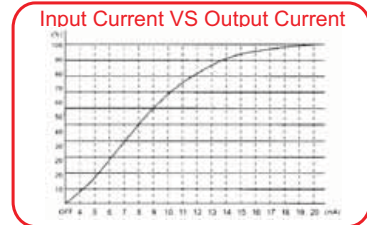
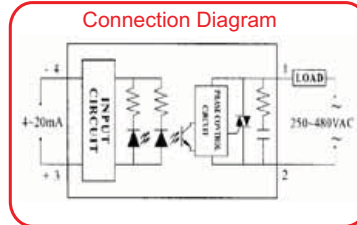
DC input between 3-32 VDC will switch output on. See page 13 for accessories.

Part Number	Price	Max. Current	One cycle duration max	Input Voltage	Trigger Current	Output Voltage
SSR 10 DA	R 176.00	10A	135A	3-32 VCD	7.5mA/12V	24-380 VAC
SSR 25 DA	R 200.00	25A	275A	3-32 VCD	7.5mA/12V	24-380 VAC
SSR 40 DA	R 232.00	40A	410A	2-32 VCD	7.5mA/12V	24-380 VAC
SSR 50 DA	R 271.00	50A	550A	3-32 VCD	7.5mA/12V	24-380 VAC
SSR 75 DA	R 325.00	75A	820A	3-32 VCD	7.5mA/12V	24-380 VAC



Solid State Relay

LINEAR CONTROL 4-20mA to 24-380 VAC

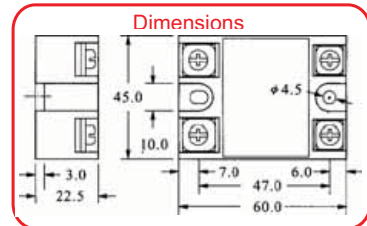
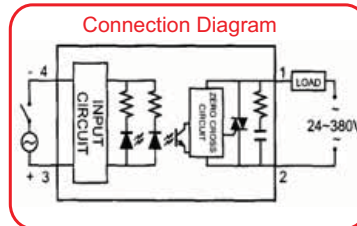


Operation

4- 20 mA input current will give a proportional output current. (See chart)

Part Number	Price	Max. Current	One cycle duration	Input Voltage	Input Resistance	Output Voltage
SSR 25 LA	R 261.00	25A	275A	3-20 mA	Appr. 1.2kΩ	90-250 VAC
SSR 40 LA	R 333.00	40A	410A	3-20 mA	Appr. 1.2kΩ	90-250 VAC
SSR 50 LA	R 437.00	50A	550A	3-20 mA	Appr. 1.2kΩ	90-250 VAC
SSR 75 LA	R 582.00	75A	820A	3-20 mA	Appr. 1.2kΩ	90-250 VAC

AC TO AC

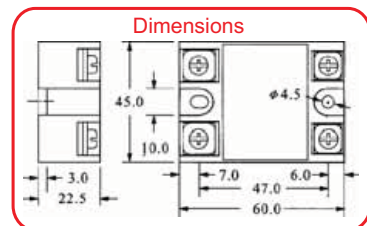
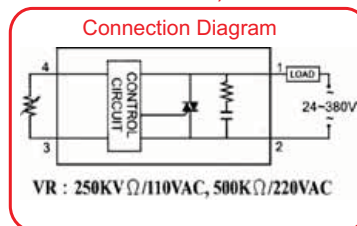


Operation

Input voltage between 80-250VAC will switch output on.

Part Number	Price	Max. Current	One cycle duration	Input Voltage	Trigger Current	Output Voltage
SSR 10 AA	R 200.00	10A	135A	80-250 VAC	5.0mA/110VAC	24-250 VAC
SSR 25 AA	R 253.00	25A	275A	80-250 VAC	5.0mA/110VAC	24-250 VAC
SSR 40 AA	R 296.00	40A	410A	80-250 VAC	5.0mA/110VAC	24-250 VAC

VARIABLE RESISTANCE INPUT(POTENTIOMETER)



Operation

By changing the input resistance, output is proportionally controlled.

0-110 VAC.....250k Ω Trimmer-potentiometer
 0-220 VAC.....500k Ω Trimmer-potentiometer
 0-380 VAC.....1M Ω Trimmer-potentiometer

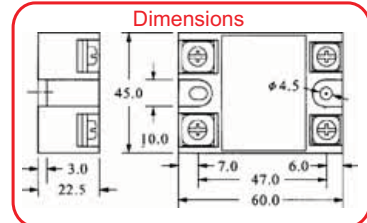
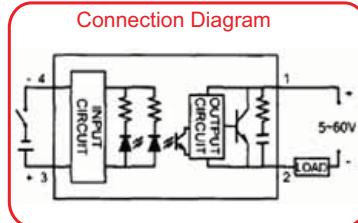


Part Number	Price	Max. Current	One cycle duration	Input Method	Output Voltage
SSR 25 VA	R 190.00	25A	275A	Potentiometer	24-380 VAC
SSR 40 VA	R 232.00	40A	410A	Potentiometer	24-380 VAC



Solid State Relay

DC TO DC

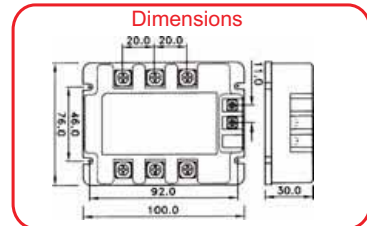
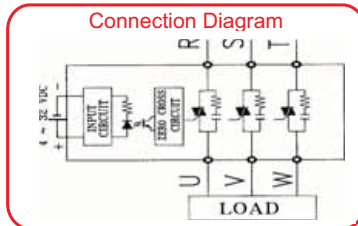


Operation

DC input voltage between 3 to 32VDC will switch output on.

Part Number	Price	Max. Current	Surge Current	Input Voltage	Trigger Current	Output Voltage
SSR 10 DD	R 232.00	10A	30 A	3-32 VDC	7,5 mA	5-60 VDC

THREE PHASE



Operation

Single DC input between 4 to 32VDC will switch all 3 outputs on.

Part Number	Price	Max. Current	Surge Current	Input Voltage	Trigger Current	Output Voltage
TSR 25 DA-H	R 721.00	25 A	275 A	4-32 VDC	7,5 mA	90-480 VAC
TSR 40 DA-H	R 802.00	40 A	410 A	4-32 VDC	7,5 mA	90-480 VAC

COOLING FAN For 3 Phase SSR



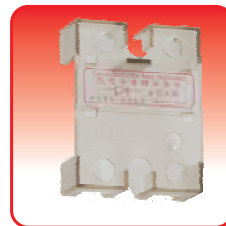
Part Number	Price
SF-23092A	R 246.00

DIN RAIL BRACKET



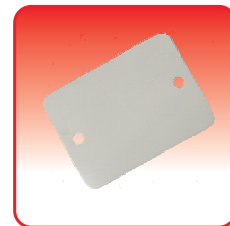
Part Number	Price
GS-BR-1	R 28.00

SSR COVER Plastic



Part Number	Price
CSR 1	R 21.00

HEAT TRANSFER PAD



Part Number	Price
HS 4258	R 19.00