



SHIV SHAKTI SALES

MFG. OF SOLID STATE RELAY



WIDE RANGE OF SOLID STATE RELAY

Established in 2010 SHIV SHAKTI SALES (SS4) is one of the leading manufacturers of Factory. Our mission is to provide High Quality, Cost-effective products to our customers. It was SS4 that introduced Solid State Relays to the Indian market about 5 years ago and has since become a brand synonymous with Solid State Relays.

SS4 is headquartered in VADODARA, GUJARAT, India. We design and manufacture the largest and technically most competent range comparable to leading Solid State Relays manufacturers worldwide. Our rigorous design standards and efficient manufacturing processes help us maintain this international quality while being extremely cost-effective and maintaining very short lead times. Our company leadership is constantly pushing the limits to make way for innovation.

With CE marking approval our products are SALES across ALL OUR INDIA and used in a host of different applications ranging from Factory Automation, Street Lighting, Traffic Lights, Medical Equipment, Process Control, Industrial Heating and many more Industries.

APPLICATION OF SOLID STATE RELAY

The solid state relay delivers all its unique advantages without making any use of moving parts, only electronics components. Thus no emi, versus solid state relays are especially suitable where binary signals are involved.

- Microprocessor based controls
- Process control systems
- Lighting control systems
- Temperature control systems
- Motor controls
- Machine tool control
- Medical equipments
- Uninterrupted power supplies
- Traffic signals
- Business machines
- Replacement of contactors
- Primary transformer control
- Paper Industries
- Furnace Industries
- Ceramic Industries
- Chapatti Making Machine.
- Electroplating Machine.
- Biscuit Making Machine.
- Hot Runner system of Plastic Processing Machine
- Laboratory Equipments.
- Glass Industries.
- Automatic Vending machines,
- Microcomputer Control, Ticket Vending Machines, NC Machine Control



AND
MANY
MORE...

DC TO AC SOLID STATE RELAY



NO.	AMP	I2T	PIV	MODEL
1	8	340	800	19
2	10	340	800	01/11/22
3	16	340	800	01/11/22
4	25	340	800	01/11/22
5	40	880	800	01/22
6	50	3000	1200	01/22
7	75	6000	1200	01/22
8	90	7200	1200	01/22
9	110	12000	1600	01/22
10	150	15000	1600	01/22
11	175	25000	1600	01/22
12	200	25000	1600	01/22

SALIENT FEATURES

- True Zero Cross Over
 - Virtually Free from EMI/RFI
 - Input Green LED Indication
 - Output to body 4kV Isolation
 - Output N/O configuration
 - Noiseless without Chattering and Fast Switching
 - Inbuilt Snubber
 - Heatsink + Dinrail Mounting (35mm)
 - Reverse polarity protection.
- INPUT: -3-32 VDC
 - OUTPUT: -240/330/440 VAC
 - MODEL NO: -101/111/119/122

NOTES: ZERO CROSS OVER/RANDOM/CMOS Body isolation: 4kV for 1 min I/p.to O/P isolation : More than 6kV for 1 min.

DC TO DC SOLID STATE RELAY



SALIENT FEATURES

- Input-Output-Body Isolation 2.5kVA
- Input Green LED Indication / Output Reverses LED Indication
- Turn ON/OFF Time Min.2.4 mili Second
- Output to body 4kV Isolation
- Across the Load,Back EMF Diode required
- Switching Speeds are Inherently Faster.
- Heatsink + Dinrail Mounting (35mm)
- Reverse polarity protection on Input Side
- Output N/O configuration

NO.	AMP	O/P	MODEL
1	100	55	03
2	150	75	03
3	15/25	200	03
4	14	500	03
5	25	600	03
6	08	900	03
7	35	55	25
8	20	100	25
9	15	200	25
10	08	500	25
11	12	600	25
12	05	900	25
13	08	100	11(a)
14	12	200	11(a)
15	06	500	11(a)
16	08	100	18

• INPUT: 3-32 VDC

• OUTPUT: 100/200 VDC

• MODEL NO: 103/125/111(A)/118

REMARK:

- 1) ACROSS THE LOAD BACK EMF DIODE IS MUST FOR HIGH FREQUENCY ON/OFF
- 2) HEAT SINK IS ABOUT 3AMP DC CURRENT

AC TO AC SOLID STATE RELAY



SALIENT FEATURES

- True Zero Cross Over
- Virtually Free from EMI/RFI
- Input Green LED Indication
- Output to body 4kV Isolation
- Inbuilt Snubber
- Noiseless without Chattering and Fast Switching
- Heatsink + Dinrail Mounting (35mm)
- Reverse polarity protection.
- Output N/O configuration

NO.	AMP	I2T	PIV	MODEL
1	10	340	800	102/113/123
2	16	340	800	102/113/123
3	25	340	800	102/113/123
4	40	880	800	102/123
5	50	3000	1200	102/123
6	75	6000	1200	102/123

NO.	AMP	I2T	PIV	MODEL
7	90	7200	1200	102/123
8	110	12000	1600	102/123
9	150	15000	1600	102/123
10	175	25000	1600	102/123
11	200	25000	1600	102/123

• INPUT: 180-280VAC

• OUTPUT: 240/330/440 VAC

• MODEL NO: 102/123/113

PHASE ANGLE CONTROLLER SSR



• MODEL NO: 105/124

NO.	AMP	I2T	PIV	MODEL
1	16	340	800	124
2	25	340	800	105/124
3	40	880	800	105/124
4	50	3000	1200	105/124
5	75	6000	1200	105/124
6	90	7200	1200	105/124
7	110	12000	1600	105/124
8	150	15000	1600	105/124
9	175	25000	1600	105/124
10	200	25000	1600	105/124

SALIENT FEATURES

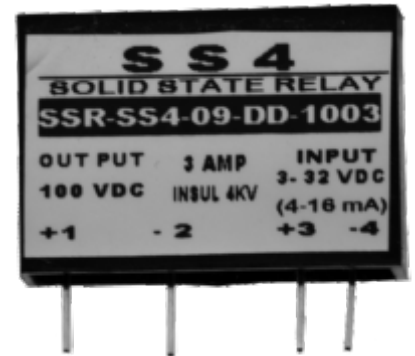
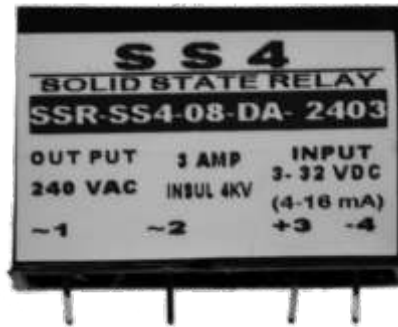
- OPTO Isolation 4000Vrms
- The Load Power is Proportional to Controller Analog Input
- Linearity Better than 2% of the Rang
- Output to body 4kV Isolation
- Inbuilt Snubber
- Heatsink + Dinrail Mounting (35mm)
- INPUT:
4 TO 20 Mamp / 0 to 10vdc
- OUT PUT:
230 VAC /440VAC(47-63 HZ)

PHASE ANGLE CONTROLLER SSR IN SOFT /STATER

- INPUT: 4 TO 20 MAMP/12VDC/0 TO 10VDC
- OUTPUT: 440VAC /230VAC
- MODEL NO: 107



PCB MOUNTING S S R



DC TO AC SSR

- INPUT: 4-32 VDC
- OUTPUT: 24-330VAC
- AMP: 2/3/5/6
- MODEL NO: 108

DC TO DC SSR

- INPUT: 4-32 VDC
- OUTPUT: 100 VDC
- AMP: 3/5
- MODEL NO: 109

DC TO AC INTERFACE RELAY CARD

- INPUT: 4-32VDC
- OUTPUT: 24-330VAC
- AVAILABLE:1/2/4/8/16
- MODEL NO: 110

DC TO DC INTERFACE RELAY CARD

- INPUT: 4-32VDC
- OUTPUT: 24-330VAC
- AVAILABLE: 1/2/4/8/16
- MODEL NO: 110(A)

DIRECT REPLACEMENT TO MECHANICAL RELAY

DC TO AC

- INPUT: 4-32VDC
- OUTPUT: 24-480VAC
- AMP: 5AMP
- MODEL NO: 120

DC TO DC

- INPUT: 4-32VDC
- OUTPUT: 100VDC
- AMP: 5AMP
- MODEL NO: 121



THREE PHASE SOLID STATE RELAY

NO.	AMP	I2T	PIV
1	16	340	800
2	25	340	800
3	40	880	800
4	50	3000	1200
5	75	6000	1200

DC TO AC SSR

- INPUT: 4-32VDC
- OUTPUT: 440VAC
- MODEL NO: 112

AC TO AC SSR

- INPUT: 180-280VAC
- OUTPUT: 440VAC
- MODEL NO: 113



SHORT CIRCUIT PROTECTION SSR



SALIENT FEATURES

- Opto isolation 4000 VRMS
- Gets protected against load short circuits
- Zero voltage turn on
- Reverse voltage protection
- High thermal cycling capacity
- Our put to body 4KV isolation
- Ttl compatible(sink mode)
- Output no configuration
- Built-in snubber
- Chassis mountable
- Higher load cycle resistance
- High fusing current

NO.	AMP	I2T	PIV
1	10	1250	1200
2	25	1250	1200
3	40	5000	1200
4	50	5000	1200
5	90	10000	1200

- MODEL NO: 106
 - INPUT: 6-32VDC
 - OUTPUT: 330/440VAC
- MCB NOT NECCESARTY

WIDE RANGE OF SOLID STATE RELAY

Office:

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Head Office:

2- Sanjay Park Soc., B/H Aryakanya Maha Vidhalaya, Karelibaug, VADODARA - 390018

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