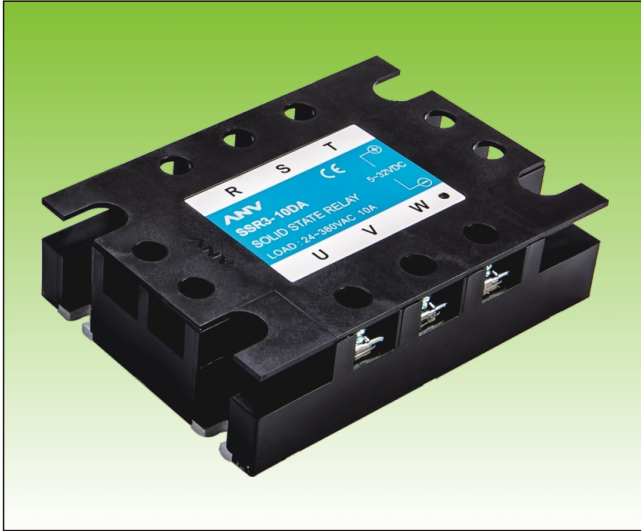


Solid state Relay

SSR3 (Three phase type)



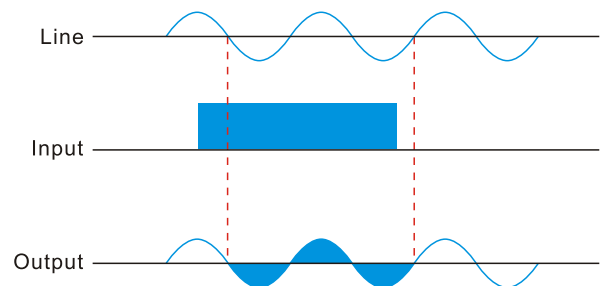
- Built-in operation indicator
- High reliability by S.M.T. (Surface Mounting Technology)
- High isolation over than 50M Ω (500VDC)
- High dielectric over than 2.5KV
- Low EMI / EFI & surge by zero cross trigger method
- Output snubber circuit protection

CHARACTERISTIC

Control Method

Zero Cross Trigger

Output will be turned ON or turned OFF Only on zero cross point of sine wave, may avoid surge or EMI / RFI occurring Specially suited to control resistive, capacitive and Non-saturated inductive loads.



ORDER INFORMATION

SSR3 - 10 D A - H

① ② ③ ④ ⑤

1. Solid State Relay Type

SSR3 : Three phase type

2. Load current

10: 10A	40: 40A
15: 15A	50: 50A
25: 25A	80: 80A

3. Input voltage

D: DC5~32V
A: AC80~250V

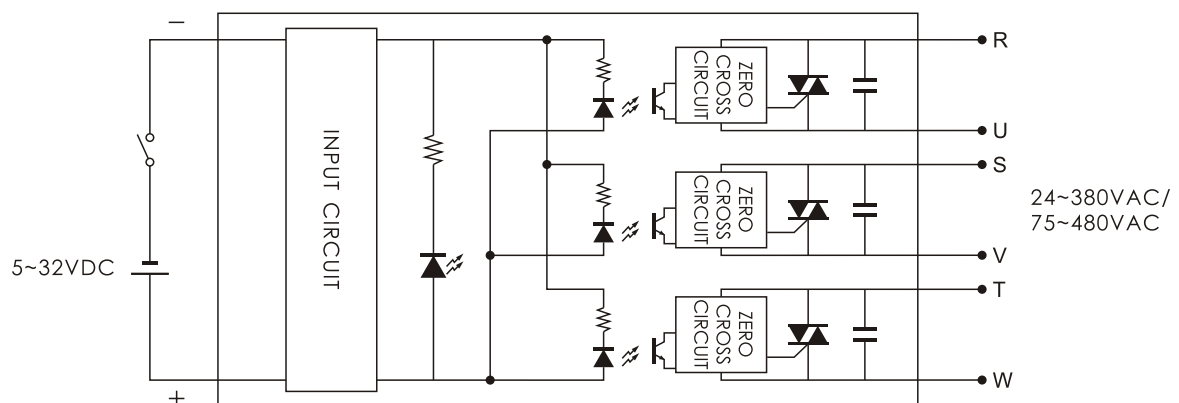
4. Output voltage

A: AC24~380V

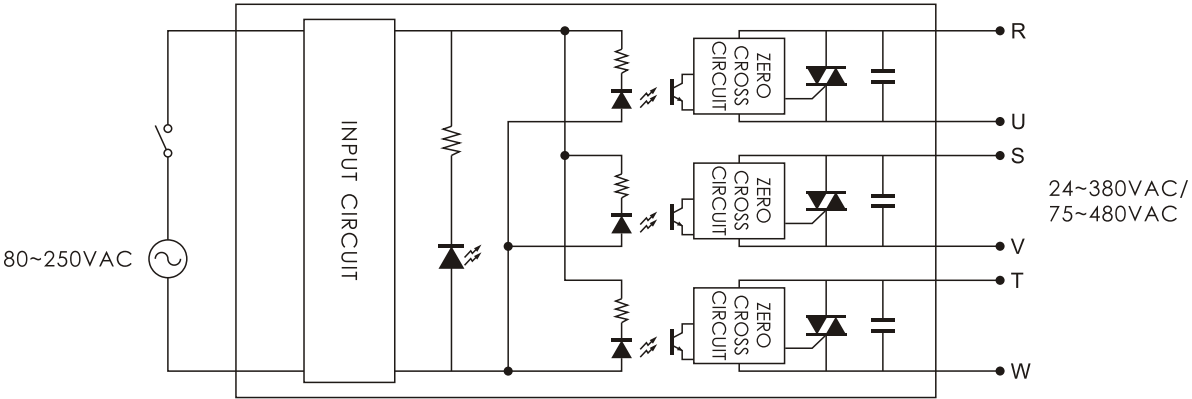
5. High voltage

Non: Standard type
H: AC75~480V

MODEL	STANDARD	SSR3-10DA	SSR3-15DA	SSR3-25DA	SSR3-40DA	SSR3-50DA	SSR3-80DA
	HIGH VOLTAGE	SSR3-10DA-H	SSR3-15DA-H	SSR3-25DA-H	SSR3-40DA-H	SSR3-50DA-H	SSR3-80DA-H
LOAD CURRENT		10A	15A	25A	40A	50A	80A
INPUT							
OPERATING VOLTAGE		5~32VDC					
TRIGGER CURRENT		20mA/12VDC max					
CONTROL METHOD		Zero Cross Trigger					
OUTPUT							
OPERATING VOLTAGE		Standard : 24~380VAC High voltage : 75~480VAC					
VOLTAGE DROP		1.6V					
LEAKAGE CURRENT		Standard : < 3.0mA High voltage : < 5.0mA					
RESPONSE TIME		ON<10ms, OFF<10ms					
GENERAL							
INSULATION RESISTANCE		Min. 50MΩ (500VDC)					
DIELECTRIC STRENGTH		2500VAC 50/60 Hz for 1 min					
AMBIENT TEMPERATURE		-20℃~+80℃					
AMBIENT HUMIDITY		45%~85%RH					
WEIGHT		Approx. 320g					

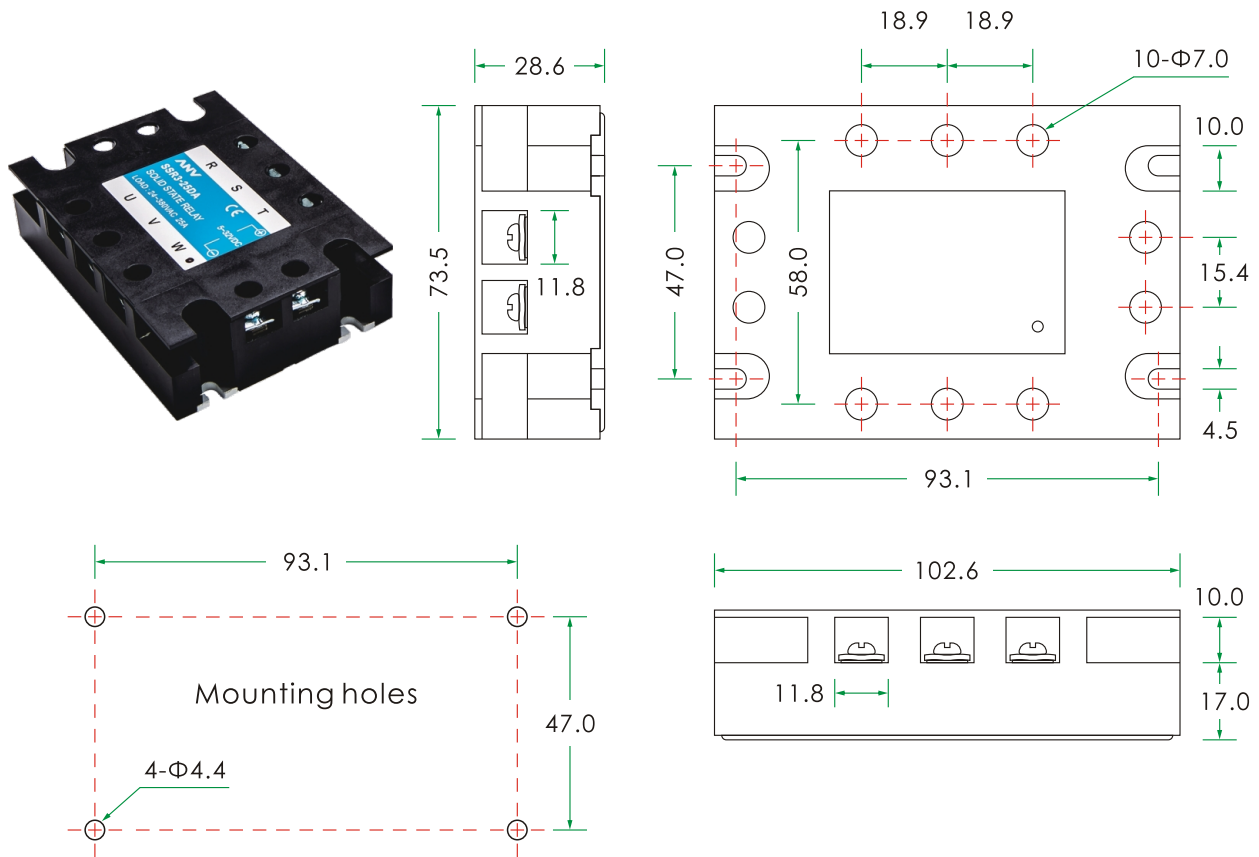
CONNECTION DIAGRAM


MODEL	STANDARD	SSR3-10AA	SSR3-15AA	SSR3-25AA	SSR3-40AA	SSR3-50AA	SSR3-80AA
	HIGH VOLTAGE	SSR3-10AA-H	SSR3-15AA-H	SSR3-25AA-H	SSR3-40AA-H	SSR3-50AA-H	SSR3-80AA-H
LOAD CURRENT		10A	15A	25A	40A	50A	80A
INPUT							
OPERATING VOLTAGE		80~250VAC 50/60Hz					
TRIGGER CURRENT		15mA/110VAC max					
CONTROL METHOD		Zero Cross Trigger					
OUTPUT							
OPERATING VOLTAGE		Standard : 24~380VAC High voltage : 75~480VAC					
VOLTAGE DROP		1.6V					
LEAKAGE CURRENT		Standard : < 3.0mA High voltage : < 5.0mA					
RESPONSE TIME		ON<20ms, OFF<20ms					
GENERAL							
INSULATION RESISTANCE		Min. 50MΩ (500VDC)					
DIELECTRIC STRENGTH		2500VAC 50/60 Hz for 1 min					
AMBIENT TEMPERATURE		-20℃~+80℃					
AMBIENT HUMIDITY		45%~85%RH					
WEIGHT		Approx. 320g					
CONNECTION DIAGRAM							

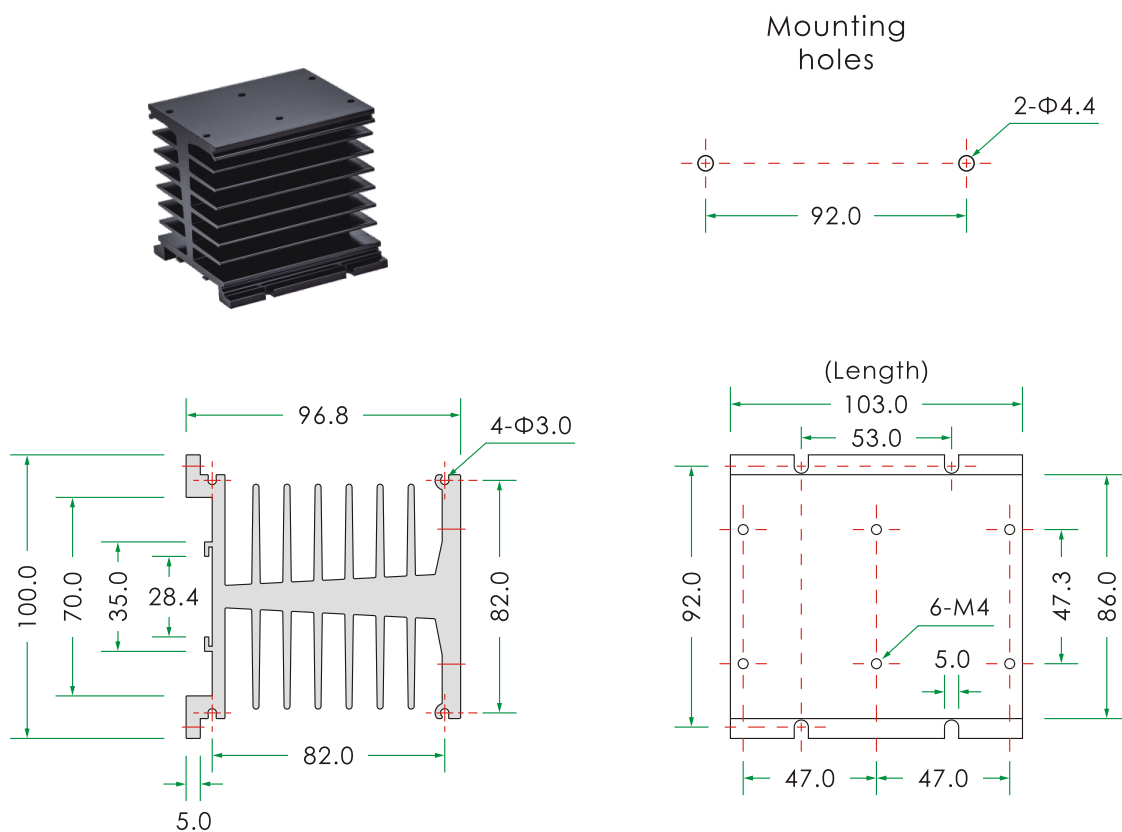


Dimensions

(Units: mm)



HS-3(Heat Sink)

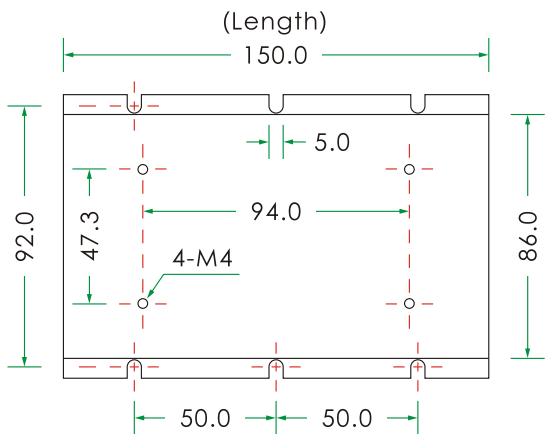
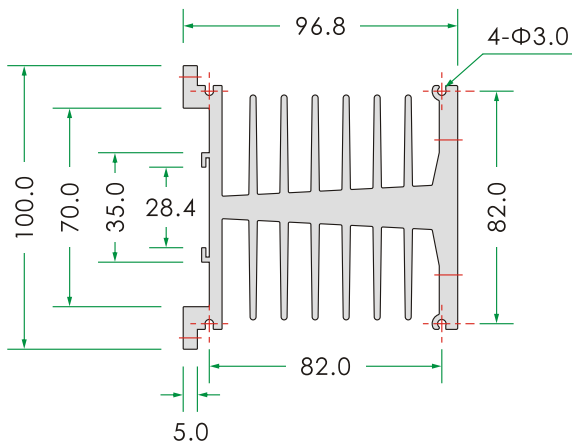
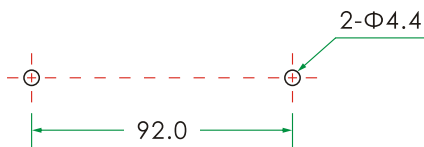


HS-4(Heat Sink)

(Units: mm)



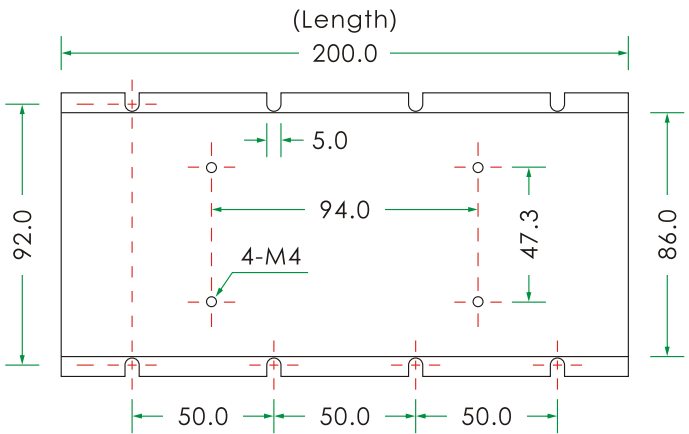
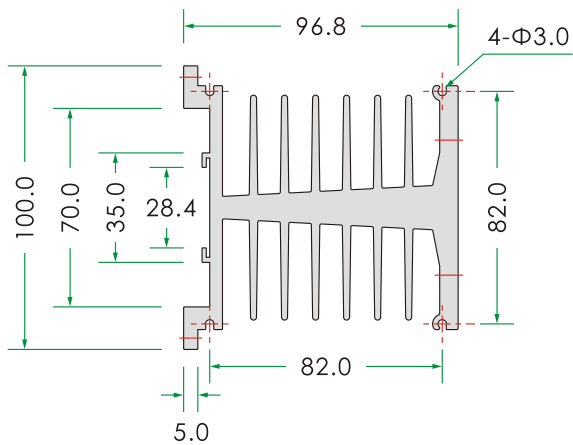
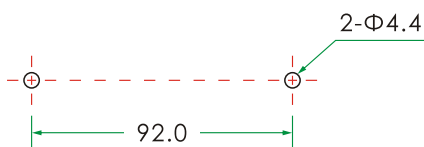
Mounting
holes



HS-5(Heat Sink)

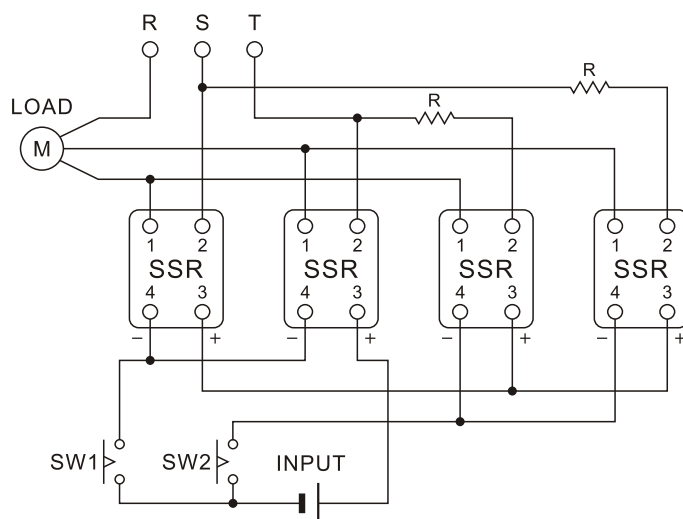


Mounting
holes

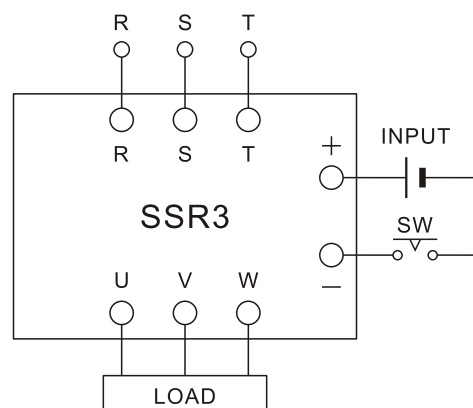


Application

3 ϕ Motor FOR/REV Control

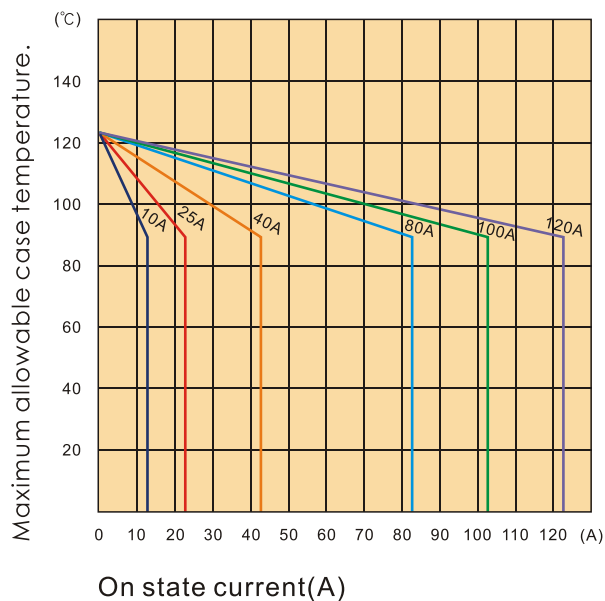


Three Phase Control

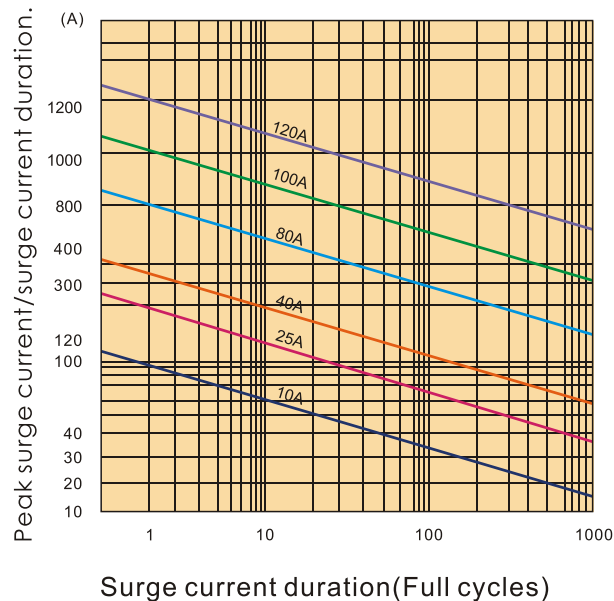


Reference Data

Maximum allowable case temperature.



Peak surge current/surge current duration.



Kaohsiung Headquarter

No. 151, Jin Shan Road, Kaohsiung, Taiwan
Tel :+886 7 359 5833 Fax :+886 7 359 5822
E-Mail : anv@anv.com.tw

Taipei Office

No. 166, Fu Xing 3rd Street, Taishan Dist.,
New Taipei City, Taiwan
Tel :+886 2 2296 3133 Fax :+886 2 2296 3233
E-Mail : taipei@anv.com.tw

Tainan Office

No. 60, Lin Sen Road Sec. 1, Tainan, Taiwan
Tel:+886 6 216 0988 Fax:+886 6 216 0388
E-Mail : tainan@anv.com.tw

ANV ELECTRIC (HK) LTD

Flat 4, 14/F., Block 4, Wai Wah Centre,
Shatin, N.T., Hong Kong
Tel :+852 2690 2588 Fax :+852 2690 2511
E-Mail : anv@anv.com.hk

Taichung Office

No. 532, Wen Hsin Road Sec. 1, Taichung, Taiwan
Tel :+886 4 2320 9930 Fax :+886 4 2320 9960
E-Mail : taichung@anv.com.tw

ANV ELECTRIC (M) SDN. BHD

25-1, Jalan 1/116B, Kuchai Entrepreneur's Park,
Off Jalan Kuchai Lama, 58200 Kuala Lumpur, Malaysia
Tel :+60 3 7980 3328 Fax :+60 3 7980 3779
E-Mail : anv@anv.com.my