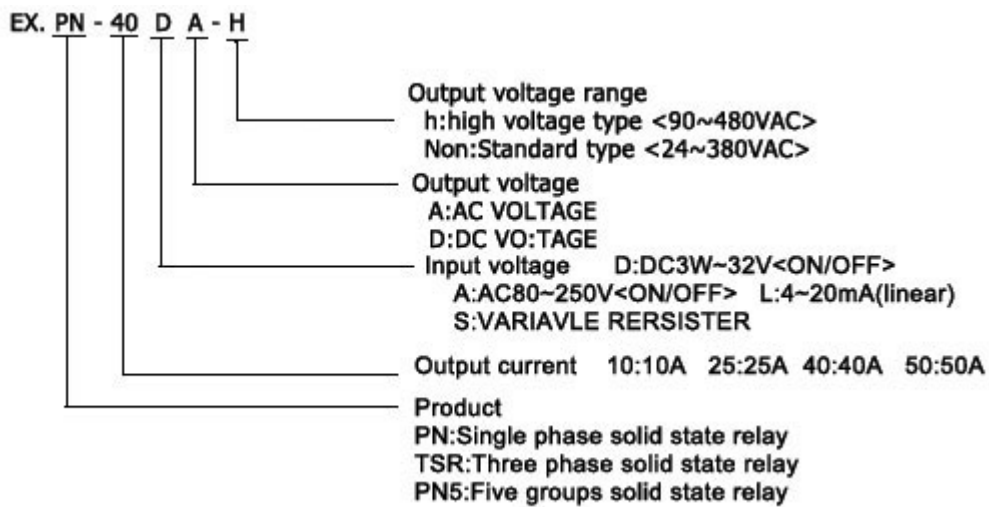


Application :

- High reliability by S.M.T & TQC.(Surface Mounting Technology)
- High Isolation over than 50MQ/500VDC
- High dielectric over than 2.5KV
- Low enable current less than 7.5mA/12VDC CMOSIC or TTL Compatible.
- Low EMI/EFI& surge by Zeero cross Trigger Method.
- High surge current duration,over 10 Times of rated current/one cycle.
- High surge voltage duration by snubber circuit.



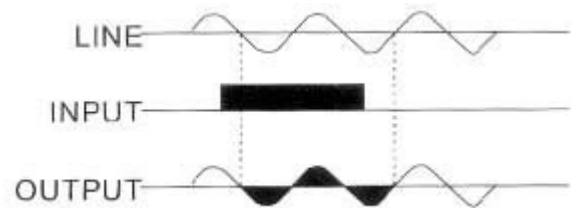
Guiding of Model :



Control Method :

Zero Cross Trigger Method

Output TURN ON or TURN 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

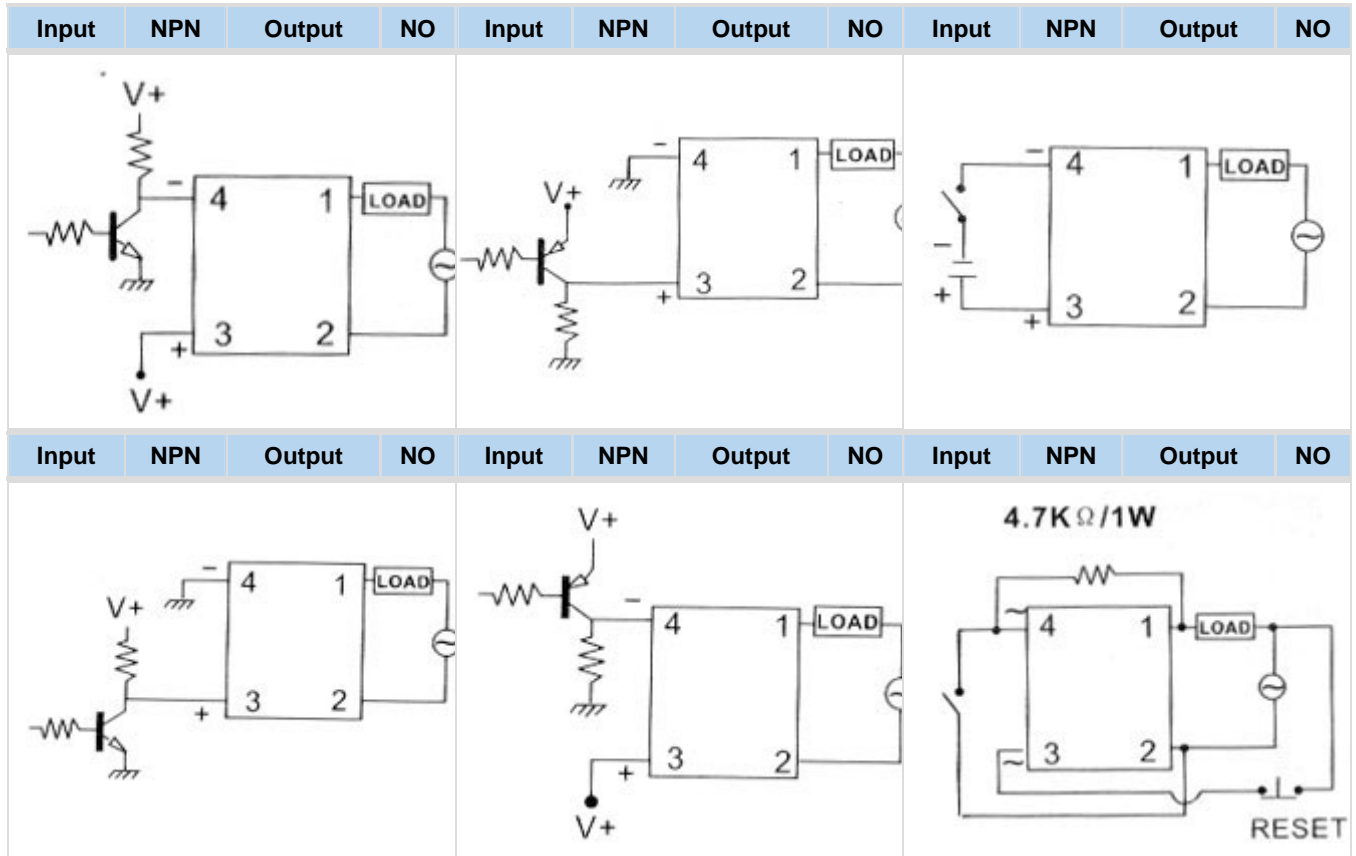


Variable resistance control method

Power output is controlled by the trigger angle of triac with variable resistor 250KQ/110VAC,500KQ/220VAC



Application Hints :



Type	Standard type				High voltage type			
Model	TSR-15DA	TSR-25DA	TSR-40DA	TSR-75DA	TSR-15DA-H	TSR-25DA-H	TSR-40DA-H	TSR-75DA-H
Rated load current	15A	25A	40A	75A	15A	25A	40A	75A
Input voltage	4-32VDC							
Min. on/off voltage	ON>3.6V, OFF<2.4V							
Trigger current	7.5mA/12V							
Control method	Zero cross trigger							
Operating voltage	24-380VAC				90-480VAC			
Min. black voltage	600VAC							
Peak voltage	Over 1200V							
Max. durated	175A	275A	410A	820A	175A	275A	410A	820A

current							
Leakage current	12.5mA@380V			15.5mA@440V			
Response time	ON<20ms/OFF<20ms						
Dielectric strength	Over 2.5KVAC/ 1min.						
Isolation strength	Over 50M/500VDC						
Operating temperature	-20°C~+80°C						
Weight	390G						

Dimension and connection diagram :

