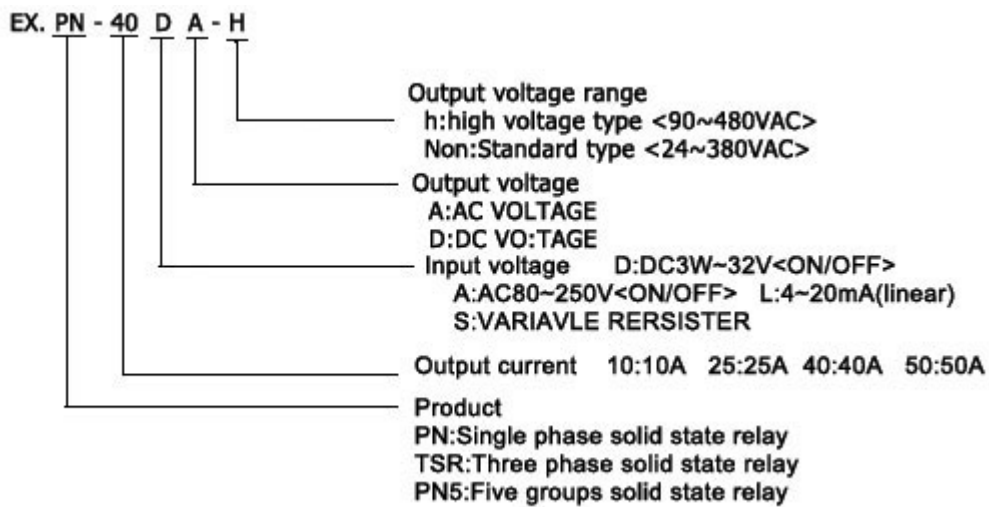


Application :

- 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.



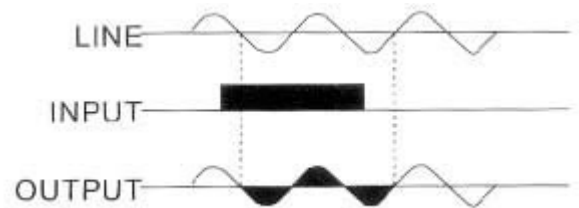
Guiding of Model :



Control Method :

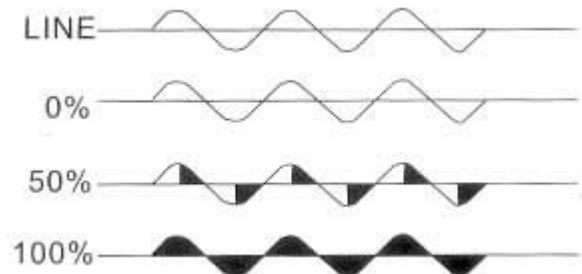
Zero Cross Trigger Method

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

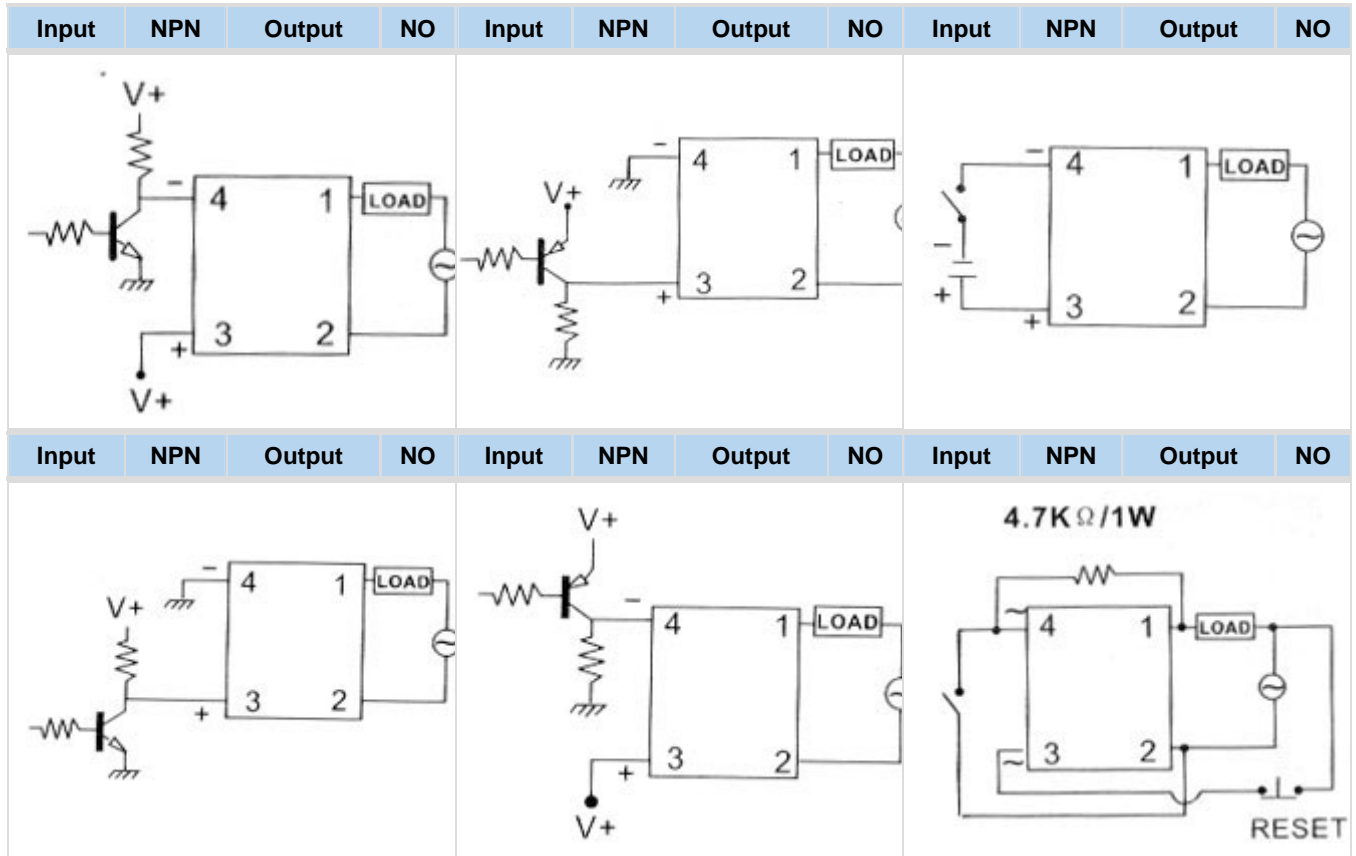


Variable resistance control method

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	PN-10AA	PN-25AA	PN-40AA	PN-25AA-H	PN-40AA-H
Rated load current	10A	25A	40A	25A	40A
Input voltage	80-250VAC, 50/60Hz				
Min. on/off voltage	ON>45V, OFF<35V				
Trigger current	5.0mA/110V max.				
Control method	Zero cross trigger				
Operating voltage	24-380VAC			90-480VAC	
Min. black voltage	600VAC				
Voltage drop	1.6V/25°C				
Max. durated current	135A	275A	410A	275A	410A
Leakage current	3.0mA	3.0mA	5.0mA	3.0mA	5.0mA
Response time	ON<20ms/OFF<20ms				
Dielectric strength	Over 2.5KVAC/ 1min.				
Isolation strength	Over 50M/500VDC				
Operating temperature	-20°C~+80°C				
Housing Material	Intensive ABS				
Weight	110G				

Dimension and connection diagram :

